

A Correlation of

Scott Foresman

# Science

See learning in a whole new light

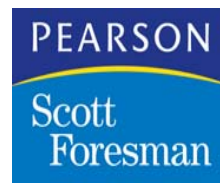
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to the

## Florida

### Sunshine State Standards Benchmarks & Grade Level Expectations

Kindergarten



T/S-44A\_K

## Introduction

This document demonstrates how ***Scott Foresman Science*** meets the Florida Sunshine State Standards, Benchmarks & Grade Level Expectations. **Correlation page references are to the Teacher's Edition or to the ancillary. Florida Annually Assessed Benchmarks are shaded gray.**

**Pearson Scott Foresman** is proud to introduce our all new ***Scott Foresman Science***, Kindergarten through Grade Five. Extensive research and analysis is the foundation for ***Scott Foresman Science*** and guides the instructional design.

### **Scaffolded Inquiry™**

***Scott Foresman Science*** is built on three levels of inquiry: Directed Inquiry, Guided Inquiry, and Full Inquiry. All three levels engage students in activities that build a strong science foundation and help them develop a full understanding of the inquiry process.

### **How to Read Science**

Powerful connections between reading skills and science process skills in every chapter advance science literacy for all students.

### **Differentiated Instruction**

Leveled Readers for every Student Edition chapter teach the same science concepts, vocabulary, and reading skills — at each student's reading level.

### **Time-Saving Strategies**

Time-saving strategies are built right into the Teacher's Edition that will save the teacher hours of time in lesson preparation.

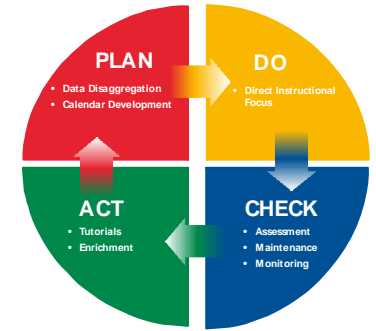
- Quick Teaching Plans cover the standards even when class time is short.
- Everything needed for each activity comes in its own chapter bag. With the Activity Placemat and Tray™, activity setup takes only 30 seconds.
- Premade Bilingual Bulletin Board Kits save time by creating attractive bulletin boards quickly and easily.

### **Technology**

***Scott Foresman Science*** brings teaching and learning together in one convenient spot—the computer. From sfsuccessnet.com to educational CDs and DVDs, this program provides a variety of interactive tools to help support, extend, and enrich classroom instruction.

The Online Teacher's Edition provides access to the same printed content, so the teacher can plan lessons with the customizable Lesson Planner from home or school computers. The Online Student Edition allows students, teachers, and parents to access the content of the textbook from computers at school or at home.

**Scott Foresman Science  
Correlation to the  
Florida Sunshine State Standards  
Benchmarks & Grade Level Expectations  
Kindergarten**



**STRAND A: The Nature Of Matter**

**STANDARD 1: The student understands that all matter has observable, measurable properties.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.1.1:</b> The student knows that objects can be described, classified, and compared by their composition (e.g., wood or metal) and their physical properties (e.g., color, size, and shape).	<b>1. knows that objects have many different observable properties:</b> <ul style="list-style-type: none"> <li>▪ color</li> <li>▪ shapes (circle, triangle, square)</li> <li>▪ forms (flexible, stiff, straight, curved)</li> <li>▪ textures (rough, smooth, hard, soft)</li> <li>▪ sizes and weights (big, little, large, small, heavy, light, wide, thin, long, short)</li> <li>▪ positions &amp; speeds (over, under, in, out, above, below, left, right, fast, slow).</li> </ul>	TE/SE: 134D, 135, 138–139, 140–141, 142–143, 144–145, 146–147, 148–149, 154–155, 155a, 155c, 155d, 174D, 174, 201a (I)	FCAT Benchmark Mini-Lesson Ancillary 29, 30	FCAT Science Test Prep Ancillary 43, 44, 45, 46, 47, 48, 61, 62, 90, 91  Assessment Book 15–16, 21–22	Activity Flip Chart 134E, 174E  Lab Zone Science 134D, 138, 154, 174D, 194  Kindergarten Science Reader 135A, 174A  Every Student Learns 142, 144, 146, 148	Activity Flip Chart 134E, 174E  Take It to the Net 134, 138, 154, 174, 194  Lab Zone Science 134D, 138, 154, 174D, 194  Kindergarten Science Reader 135A, 174A

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.1.2:</b> <b>The student recognizes that the same material can exist in different states.</b>	<b>1.knows that matter exists in different states (solid, liquid, gas).</b>	TE/SE: 134D, 134E, 134, 146–147, 148–149, 150–151, 152–153, 154–155, 201a, 201b, 202–203 (I)	FCAT Benchmark Mini-Lesson Ancillary 20, 32, 33, 34	FCAT Science Test Prep Ancillary 25, 26, 27, 28, 29, 30, 37, 38, 39, 43, 44, 45, 46, 48, 61, 62, 88, 90  Assessment Book 15–16, 21–22	Activity Flip Chart 134E  Lab Zone Science 134D, 154, 202  Kindergarten Science Reader 78A, 134A, 174A  Every Student Learns 146, 148, 150, 152	Activity Flip Chart 134E  Take It to the Net 154, 202  Lab Zone Science 134D, 154, 202  Kindergarten Science Reader 78A, 134A, 174A
<b>Benchmark SC.A.1.1.3:</b> <b>The student verifies that things can be done to materials to change some of their physical properties e.g., cutting, heating, and freezing), but not all materials respond the same way (e.g., heating causes water to boil and sugar to melt).</b>	<b>1.knows that materials can be changed by cutting, folding, bending, and mixing.</b>	TE/SE: 152–153, 201a (I)	Workbook 54	FCAT Science Test Prep Ancillary 45, 46, 61  Assessment Book 15–16	Activity Flip Chart 134E  Kindergarten Science Reader 134A  Every Student Learns 152	Activity Flip Chart 134E  Kindergarten Science Reader 134A

**STANDARD 2: The student understands the basic principles of atomic theory.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.2.1.1: The student recognizes that many things are made of smaller pieces, different amounts, and various shapes.</b>	<b>1. knows that some objects are made up of many different materials.</b>	TE/SE: 144–145, 236–237, 242–243 (I)	FCAT Benchmark Mini-Lesson Ancillary 31, 50, 52, 53	FCAT Science Test Prep Ancillary 74, 75, 76, 77, 78, 82, 83, 84, 95  Assessment Book 25–26, 27–28	Kindergarten Science Reader 134A, 226A  Every Student Learns 144, 236	Take It to the Net 226  Kindergarten Science Reader 134A, 226A

**STRAND B: Energy**

**STANDARD 1: The student recognizes that energy may be changed in form with varying efficiency.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.1.1: The student knows that the Sun supplies heat and light energy to Earth.</b>	<b>1. knows the effects of sun and shade on the same object (for example, crayons, ice, chocolate).</b>	TE/SE: 156D, 157, 160–161, 164–165, 202–203 (I)	FCAT Benchmark Mini-Lesson Ancillary 35	FCAT Science Test Prep Ancillary 51, 53, 64, 92  Assessment Book 1–2, 7–8, 17–18	Activity Flip Chart 156E  Lab Zone Science 156D, 160, 202  Kindergarten Science Reader 156A, 174A  Every Student Learns 160, 164, 166	Activity Flip Chart 156E  Take It to the Net 156, 160, 202  Lab Zone Science 156D, 160, 202  Kindergarten Science Reader 156A, 174A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.1.2:</b> <b>The student knows that light can pass through some objects and not others.</b>	<b>1.knows that light can pass through some objects, but cannot pass through other objects.</b>	TE/SE: 156D, 156, 160–161, 164–165, 166–167, 201a (I)	FCAT Benchmark Mini-Lesson Ancillary 36	FCAT Science Test Prep Ancillary 49, 51, 52, 54, 63  Assessment Book 17–18	Activity Flip Chart 156E  Lab Zone Science 156D, 160  Kindergarten Science Reader 156A  Every Student Learns 160, 164, 166	Activity Flip Chart 156E  Take It to the Net 156, 160  Lab Zone Science 156D, 160  Kindergarten Science Reader 156A
<b>Benchmark SC.B.1.1.3:</b> <b>The student describes a model energy system (e.g., an aquarium or terrarium).</b>	<b>1. understands that a terrarium or an aquarium is a model of a system.</b>	TE/SE: 65c, 75a (I)	Workbook 6	Assessment Book 1, 2	Kindergarten Science Reader 4A, 46A	Take It to the Net 46  Kindergarten Science Reader 4A, 46A
<b>Benchmark SC.B.1.1.4:</b> <b>The student knows that heat can be produced in many ways (e.g., by burning and rubbing).</b>	<b>1.knows some processes where heat can be released (for example, playing a radio, burning a candle).</b>	TE/SE: 160–161, 164–165, 168–169, 201a (I)	FCAT Benchmark Mini-Lesson Ancillary 37	FCAT Science Test Prep Ancillary 49, 50, 51, 52, 53, 54, 63, 64, 91  Assessment Book 17–18, 21–22	Lab Zone Science 156D, 160  Kindergarten Science Reader 156A  Every Student Learns 160, 164, 168	Take It to the Net 156, 160  Lab Zone Science 156D, 160  Kindergarten Science Reader 156A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.1.5:</b> The student knows that every human action requires energy that comes from food.	1. understands that people eat food to survive.	TE/SE: 20–21 (I)	Workbook 6	Assessment Book 2	Kindergarten Science Reader 4A  Every Student Learns 20	Take It to the Net 4  Kindergarten Science Reader 4A

**STANDARD 2:**The student understands the interaction of matter and energy.

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.2.1.1:</b> The student recognizes systems of matter and energy.	Content addressed at second grade. See Grade 2 correlation.	Benchmark SC.B.2.1.1 is covered in Kindergarten on these pages. TE/SE: 156, 170–171, 201a (I)	FCAT Benchmark Mini-Lesson Ancillary 38	Assessment Book 17–18, 21–22	Kindergarten Science Reader 156A  Every Student Learns 170	Take It to the Net 156  Kindergarten Science Reader 156A

**STRAND C: Force and Motion**

**STANDARD 1: The student understands that types of motion may be described, measured, and predicted.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.1.1.1: The student understands that different things move at different speeds.</b>	<b>1. understands that different things move at different speeds (bicycle/ motorcycle, car /plane, tortoise /hare)</b>	TE/SE: 174D, 178–179, 188–189, 201a, 227, 238–239, (I)	FCAT Benchmark Mini-Lesson Ancillary 42, 51	FCAT Science Test Prep Ancillary 55, 57, 58, 60, 66, 75, 77, 83, 84, 92, 95  Assessment Book 19–20, 25–26, 27–28	Lab Zone Science 174D, 178  Kindergarten Science Reader 174A, 226A  Every Student Learns 188, 238	Take It to the Net 174, 178, 226  Lab Zone Science 174D, 178  Kindergarten Science Reader 174A, 226A
<b>Benchmark SC.C.1.1.2: The student knows that there is a relationship between force and motion.</b>	<b>1. knows the names of objects that roll, slide, or fly.</b>	TE/SE: 174D, 174, 178–179, 184–185, 186–187, 226D, 238–239, 244–245 (I)	FCAT Benchmark Mini-Lesson Ancillary 40, 41, 49	FCAT Science Test Prep Ancillary 56, 58, 60, 65  Assessment Book 19–20, 21–22	Lab Zone Science 174D, 178, 226D, 244, 252  Kindergarten Science Reader 174A, 234A  Every Student Learns 184, 186, 234, 240	Take It to the Net 174, 178, 226, 244, 252  Lab Zone Science 174D, 178, 226D, 244, 252  Kindergarten Science Reader 174A, 234A

\*Indepth/Mentioned

**STANDARD 2: The student understands that the types of force that act on an object and the effect of that force can be described, measured, and predicted.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.2.1.1:</b> The student knows that one way to change how something is moving is to give it a push or a pull.	<b>1. knows that the motion of an object (for example, toy truck, toy car, ball, marble) can be changed by a push or a pull.</b>	TE/SE: 174, 175, 182–183, 184–185, 192–193, 201a, 226D, 227, 230–231, 244–245, (I)	FCAT Benchmark Mini-Lesson Ancillary 39, 44	FCAT Science Test Prep Ancillary 55, 57, 58, 59, 60, 64, 65, 66, 73, 82, 92, 93, 95  Assessment Book 19–20, 21–22, 25–26, 27–28	Activity Flip Chart 226E  Lab Zone Science 226D, 230, 244  Kindergarten Science Reader 174A, 226A  Every Student Learns 182, 184, 192, 242	Activity Flip Chart 226E  Take It to the Net 174, 226, 230, 244  Lab Zone Science 226D, 230, 244  Kindergarten Science Reader 174A, 226A
<b>Benchmark SC.C.2.1.2:</b> The student knows that sound is caused by vibrations (pushing and pulling) to cause waves.	<b>1. knows that vibrations caused by sound waves can be felt (for example, on a speaker when music is played, the head of a drum when it is hit, or a tuning fork).</b>	TE/SE: 190–191, 201a, 205a (I)	FCAT Benchmark Mini-Lesson Ancillary 43	FCAT Science Test Prep Ancillary 56, 57, 58, 59, 66, 93  Assessment Book 19–20	Kindergarten Science Reader 174A  Every Student Learns 190	Take It to the Net 174  Kindergarten Science Reader 174A

**STRAND D: Processes that Shape the Earth**

**STANDARD 1: The student recognizes that processes in the lithosphere, atmosphere, hydrosphere, and biosphere interact to shape the Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.1.1: The student recognizes that the solid materials making up the Earth come in all sizes, from boulders to grains of sand.</b>	<b>1. knows that the surface of the Earth is composed of different types of solid materials (for example, sand, pebbles, rocks, clumps of dirt).</b>	TE/SE: 78D, 78, 79, 82–83, 86–87, 127a (I)	FCAT Benchmark Mini-Lesson Ancillary 17, 18	FCAT Science Test Prep Ancillary 25, 26, 27, 28, 29, 30, 37, 38, 39, 88  Assessment Book 9–10, 13–14	Activity Flip Chart 78E  Lab Zone Science 78D, 82, 98  Kindergarten Science Reader 78A  Every Student Learns 86, 88	Activity Flip Chart 78E  Take It to the Net 78, 82, 98  Lab Zone Science 78D, 82, 98  Kindergarten Science Reader 78A
<b>Benchmark SC.D.1.1.2: The student knows that life occurs on or near the surface of the Earth in land, air, and water.</b>	<b>1. knows that life occurs on or near the surface of the Earth in land, water, and air.</b>	TE/SE: 46, 54–55, 56–57, 65d, 68–69 (I)	Workbook 19, 20, 21, 22, 23, 24, 31	Assessment Book 5–6, 9–10, 13–14	Kindergarten Science Reader 46A, 78A  Every Student Learns 54, 56, 92	Take It to the Net 46, 78  Kindergarten Science Reader 46A, 78A

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.1.3:</b> <b>The student recognizes patterns in weather.</b>	<b>1. uses charts to display daily changes in the weather.</b>	TE/SE: 100D, 104–105, 120–121, 128–129, 131a (I)	FCAT Benchmark Mini-Lesson Ancillary 23, 28	FCAT Science Test Prep Ancillary 32, 33, 34, 36, 40, 42, 89, 90  Assessment Book 11–12, 13–14	Activity Flip Chart 100E  Lab Zone Science 100D, 104, 120, 128  Kindergarten Science Reader 100A	Activity Flip Chart 100E  Take It to the Net 100, 104, 120, 128  Lab Zone Science 100D, 104, 120, 128  Kindergarten Science Reader 100A

**STANDARD 2: The student understands the need for protection of the natural systems on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.2.1.1: The student understands that people influence the quality of life of those around them.</b>	<b>1. knows ways to care for the Earth at home and in school (for example, limiting use of paper towels, turning off water while brushing teeth, turning off lights when no one will be in the room).</b>	TE/SE: 96–97, 99d (I)	FCAT Benchmark Mini-Lesson Ancillary 21	FCAT Science Test Prep Ancillary 26, 27, 30, 37, 87  Assessment Book 9–10, 13–14	Kindergarten Science Reader 78A  Every Student Learns 96	Take It to the Net 78  Kindergarten Science Reader 78A

\*Indepth/Mentioned

**STRAND E: Earth and Space**

**STANDARD 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.1.1.1: The student knows that the light reflected by the Moon looks a little different every day but looks the same again about every 28 days.</b>	<b>1. knows that the sky looks different during the day than it does at night.</b>	TE/SE: 208D, 209, 212–213, 216–217, 218–219, 220–221, 222–223, 224–225, 251a (I)	FCAT Benchmark Mini-Lesson Ancillary 45, 46, 48	FCAT Science Test Prep Ancillary 67, 68, 69, 70, 71, 72, 79, 80, 81, 94  Assessment Book 23–24, 27–28	Lab Zone Science 208D, 212, 224  Kindergarten Science Reader 208A  Every Student Learns 216, 218, 222	Take It to the Net 208, 212, 224  Lab Zone Science 208D, 212, 224  Kindergarten Science Reader 208A
<b>Benchmark SC.E.1.1.2: The student knows that the appearance of sunrise and sunset is due to the rotation of Earth every 24 hours.</b>	<b>1. knows that the position of the Sun in the sky appears to change during the day.</b>	TE/SE: 212–213, 220–221, 251a (I)	FCAT Benchmark Mini-Lesson Ancillary 47	FCAT Science Test Prep Ancillary 72  Assessment Book 23–24, 27–28	Kindergarten Science Reader 208A  Every Student Learns 216, 220	Take It to the Net 208  Kindergarten Science Reader 208A

\*Indepth/Mentioned

**STANDARD 2: The student recognizes the vastness of the universe and the Earth's place in it.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.2.1.1: The student knows that there are many objects in the sky that are only visible at night.</b>	<b>1. knows some of the objects seen in the night sky (for example, stars, Moon).</b>	TE/SE: 208, 218–219, 225d (I)	Workbook 78, 80	FCAT Science Test Prep Ancillary 67, 68, 69, 70, 79, 80, 93, 94  Assessment Book 23–24, 27–28	Kindergarten Science Reader 208A  Every Student Learns 218	Take It to the Net 208  Kindergarten Science Reader 208A

**STRAND F: Processes of Life**

**STANDARD 1: The student describes patterns of structure and function in living things.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.1.1: The student knows the basic needs of all living things.</b>	<b>1. knows some of the basic needs of living things (for example, food, water, space).</b>	TE/SE: 6–7, 16–17, 18–19, 20–21, 22–23, 25c, 47, 71a, 72–73, 75a, 94–95, 198–199 (I)	FCAT Benchmark Mini-Lesson Ancillary 4, 5, 6, 21	FCAT Science Test Prep Ancillary 3, 4, 5, 6, 19, 20, 85  Assessment Book 1–2, 7–8	Activity Flip Chart 4E  Lab Zone Science 72  Kindergarten Science Reader 4A, 46A, 78A  Every Student Learns 16, 18, 20, 22, 94	Activity Flip Chart 4E  Take It to the Net 4, 72  Lab Zone Science 72  Kindergarten Science Reader 4A, 46A, 78A, 174A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.1.2: The student knows how to apply knowledge about life processes to distinguish between living and nonliving things.</b>	<b>1. Content addressed at first and second grades. See Grades 1 and 2 correlations.</b>	Benchmark SC.F.1.1.2 is covered in Kindergarten on these pages. TE/SE: 4D, 4, 5, 8–9, 12–13, 14–15, 24–25, 25c, 25d, 71a (I)	FCAT Benchmark Mini-Lesson Ancillary 1, 2, 3	FCAT Science Test Prep Ancillary 2, 3, 6, 19, 20, 85  Assessment Book 1–2	Activity Flip Chart 4E  Lab Zone Science 4D, 8, 24  Kindergarten Science Reader 4A, 46A  Every Student Learns 10, 12, 14	Activity Flip Chart 4E  Take It to the Net 4, 8, 24  Lab Zone Science 4D, 8, 24  Kindergarten Science Reader 4A, 46A
<b>Benchmark SC.F.1.1.3: The student describes how organisms change as they grow and mature.</b>	<b>1. knows ways living things change and grow over time (for example, seed to flowering plant, tadpole to frog).</b>	TE/SE: 26D, 26, 27, 28–29, 30–31, 34–35, 38–39, 40–41, 42–43, 44–45, 71a, 71b (I)	FCAT Benchmark Mini-Lesson Ancillary 7, 10, 11	FCAT Science Test Prep Ancillary 1, 5, 9, 10, 12, 19, 20, 21, 85, 86  Assessment Book 3–4, 7–8	Activity Flip Chart 26E  Lab Zone Science 26D, 30, 44  Kindergarten Science Reader 26A  Every Student Learns 34, 38, 40, 42	Activity Flip Chart 26E  Take It to the Net 26, 30, 44  Lab Zone Science 26D, 30, 44  Kindergarten Science Reader 26A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.1.4:</b> The student understands that structures of living things are adapted to their function in specific environments.	<b>1. knows that plants and animals are found in different kinds of environments and are often hidden.</b>	TE/SE: 46D, 46E, 46, 47, 48–49, 50–51, 52–53, 54–55, 56–57, 65c, 65d, 71a (I)	Workbook 19, 20, 21, 22, 23, 24	FCAT Science Test Prep Ancillary 15, 16, 17, 23, 24, 87  Assessment Book 3–4, 5–6, 7–8	Lab Zone Science 46D, 50  Kindergarten Science Reader 46A  Every Student Learns 56	Take It to the Net 46, 50  Lab Zone Science 46D, 50  Kindergarten Science Reader 46A
<b>Benchmark SC.F.1.1.5:</b> The student compares and describes the structural characteristics of plants and animals.	<b>1. knows selected characteristics of plants and animals (for example, shape, size, color).</b>	TE/SE: 36–37, 38–39, 40–41, 45d, 71a (I)	FCAT Benchmark Mini-Lesson Ancillary 8	FCAT Science Test Prep Ancillary 7, 8, 9, 10, 11, 12, 21, 22, 86  Assessment Book 3–4, 7–8	Activity Flip Chart 26E  Kindergarten Science Reader 26A  Every Student Learns 36	Activity Flip Chart 26E  Take It to the Net 26  Kindergarten Science Reader 26A

**STANDARD 2: The student understands the process and importance of genetic diversity.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.2.1.1:</b> The student knows that living things have offspring that resemble their parents.	<b>1. knows names for animal offspring (for example, puppies, kittens, cubs, calves, chicks, children).</b>	TE/SE: 34–35, 38–39, 44–45, 45c (I)	FCAT Benchmark Mini-Lesson Ancillary 9	Assessment Book 3–4, 7–8	Kindergarten Science Reader 26A  Every Student Learns 34, 38	Take It to the Net 26  Kindergarten Science Reader 26A
<b>Benchmark SC.F.2.1.2:</b> The student knows that there are many different kinds of living things that live in a variety of environments.	<b>1. knows that plants and animals may live in different habitats.</b>	TE/SE: 46D, 46E, 46, 47, 50–51, 54–55, 56–57, 58–59, 60–61, 62–63, 64–65, 65d, 71a 198–199 (I)	FCAT Benchmark Mini-Lesson Ancillary 12, 13, 14, 15, 16	FCAT Science Test Prep Ancillary 13, 14, 15, 17, 18, 23, 24, 87  Assessment Book 5–6, 7–8	Activity Flip Chart 46E  Lab Zone Science 46D, 50, 64  Kindergarten Science Reader 46A  Every Student Learns 54, 60, 62	Activity Flip Chart 46E  Take It to the Net 46, 50, 64  Lab Zone Science 46D, 50, 64  Kindergarten Science Reader 46A

**STRAND G: How Living Things Interact with Their Environments.**

**STANDARD 1: The student understands the competitive, interdependent, cyclic nature of living things in the environment.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.1.1:</b> The student knows that environments have living and nonliving parts.	<b>Content addressed in first grade. See Grade 1 correlation.</b>	Benchmark SC.G.1.1.1 is covered in Kindergarten on these pages. TE/SE: 4, 8–9, 12–13, 14–15, 46D, 46E, (M)	Workbook 1, 2, 3	Assessment Book 1–2	Kindergarten Science Reader 4A  Every Student Learns 14	Take It to the Net 4  Kindergarten Science Reader 4A
<b>Benchmark SC.G.1.1.2:</b> The student knows that plants and animals are dependent upon each other for survival.	<b>1. understands ways that animals obtain food from plants and other animals.</b>	TE/SE: 20–21, 65c, 75a (I)	Workbook 6	Assessment Book 2, 5–6	Kindergarten Science Reader 4A  Every Student Learns 20	Take It to the Net 4  Kindergarten Science Reader 4A
<b>Benchmark SC.G.1.1.3:</b> The student knows that there are many different plants and animals living in many different kinds of environments (e.g., hot, cold, wet, dry, sunny, and dark).	<b>Content addressed in first and second grades. See Grades 1 and 2 correlations.</b>	Benchmark SC.G.1.1.3 is covered in Kindergarten on these pages. TE/SE: 46, 54–55, 56–57, 58–59, 60–61, 62–63, 64–65, 65d, 71a, 75a (I)	Workbook 19, 20, 21, 22, 23, 24	Assessment Book 5–6, 7–8	Activity Flip Chart 46E  Kindergarten Science Reader 46A  Every Student Learns 58	Activity Flip Chart 46E  Take It to the Net 46  Kindergarten Science Reader 46A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.1.4:</b> The student knows that animals and plants can be associated with their environment by an examination of their structural characteristics.	<b>Content addressed in second grade.</b> See Grade 2 correlation.	Benchmark SC.G.1.1.4 is covered in Kindergarten on these pages. TE/SE: 46, 54–55, 56–57, 58–59, 60–61, 65d, 71a, 75a (l)	Workbook 19, 20, 21, 22, 23, 24	Assessment Book 3–4, 5–6, 7–8	Activity Flip Chart 46E  Every Student Learns 58	Activity Flip Chart 46E  Take It to the Net 46

**STANDARD 2: The student understands the consequences of using limited natural resources.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.2.1.1:</b> The student knows that if living things do not get food, water, shelter, and space, they will die.	<b>1. knows that if living things do not get food, water, shelter, and space, they will die.</b>	TE/SE: 18–19, 22–23, 62–63, 65c, 72–73, 71a, 75a (l)	Workbook 6, 7	Assessment Book 1–2, 5–6, 7–8	Activity Flip Chart 4E  Kindergarten Science Reader 4A, 46A  Every Student Learns 18, 22, 62	Activity Flip Chart 4E  Take It to the Net 4, 46  Kindergarten Science Reader 4A, 46A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.2.1.2: The student knows that the activities of humans affect plants and animals in many ways.</b>	<b>Content addressed at first and second grades. See Grades 1 and 2 correlations.</b>	Benchmark SC.G.2.1.2 is covered in Kindergarten on these pages. TE/SE: 75a, 90–91 (M)	FCAT Benchmark Mini-Lesson Ancillary 19	Assessment Book 9–10, 13–14	Kindergarten Science Reader 4A, 78A  Every Student Learns 18, 90	Take It to the Net 4, 78  Kindergarten Science Reader 4A, 78A

**STRAND H: The Nature of Science**

**STANDARD 1: The student uses the scientific processes and habits of mind to solve problems.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.1:</b> <b>The student knows that in order to learn, it is important to observe the same things often and compare them.</b>	<b>1. knows that learning can come from careful observation.</b>	TE/SE: 68–69, 75a, 78D, 82–83, 128–129, 131a, 155c, 155d, 202–203, 205a, 208D, 212–213, 226D, 230–231 (I)	Activity Flip Chart 156E, 226E  Workbook 1, 11, 76	Assessment Book 23–24, 27–28	Activity Flip Chart 156E, 226E  Lab Zone Science 78D, 82, 128, 202, 208D, 212, 226D, 230  Kindergarten Science Reader 46A, 78A, 174A, 226A	Activity Flip Chart 156E, 226E  Take It to the Net 78, 82, 128, 202, 212, 226, 230  Lab Zone Science 78D, 82, 128, 202, 208D, 212, 226D, 230  Kindergarten Science Reader 46A, 78A, 174A, 226A

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.2:</b> <b>The student knows that when tests are repeated under the same condition, similar results are usually obtained.</b>	<b>1. repeats events several times and compares the findings.</b>	TE/SE: 24–25, 26D, 44–45, 72–73, 134D, 154–155, 156D, 174D, 174, 178–179, 194–195, 244–245, 252–253 (I)	Activity Flip Chart 134E, 226E	Assessment Book 15–16	Activity Flip Chart 134E, 226E  Lab Zone Science 4D, 24, 26D, 45, 72, 134D, 154, 174D, 178, 194, 245, 252  Kindergarten Science Reader 4A, 26A, 46A, 134A, 174A, 226A	Activity Flip Chart 134E, 226E  Take It to the Net 4, 24, 26, 44, 72, 154, 174, 178, 194, 245, 252  Lab Zone Science 4D, 24, 26D, 45, 72, 134D, 154, 174D, 178, 194, 245, 252  Kindergarten Science Reader 4A, 26A, 46A, 134A, 174A, 226A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.3:</b> <b>The student knows that in doing science, it is often helpful to work with a team and to share findings with others.</b>	<b>1. works with a partner or small group to collect information.</b>	TE/SE: 4D, 72–73, 134D, 154–155, 156D, 160–161, 226D, 230–231, 252–253 (I)	Activity Flip Chart 226E	Assessment Book 19–20, 25–26, 27–28	Activity Flip Chart 226E  Lab Zone Science 134D, 154, 156D, 160, 226D, 230, 245, 252  Kindergarten Science Reader 46A, 100A, 134A, 156A, 174A, 226A  Every Student Learns 160	Activity Flip Chart 226E  Take It to the Net 154, 156, 160, 230, 245, 252  Lab Zone Science 134D, 154, 156D, 160, 226D, 230, 245, 252  Kindergarten Science Reader 46A, 100A, 134A, 156A, 174A, 226A
	<b>2. shares findings about scientific investigations with others.</b>	TE/SE: 70–71, 126–127, 134D, 154–155, 156D, 160–161, 200–201, 226D, 230–231, 252–253 (I)	Activity Flip Chart 226E	Assessment Book 19–20, 25–26, 27–28	Activity Flip Chart 226E  Lab Zone Science 134D, 154, 156D, 160, 226D, 230, 245, 252  Kindergarten Science Reader 46A, 100A, 134A, 156A, 174A, 226A  Every Student Learns 160	Activity Flip Chart 226E  Take It to the Net 154, 156, 160, 230, 245, 252  Lab Zone Science 134D, 154, 156D, 160, 226D, 230, 245, 252  Kindergarten Science Reader 46A, 100A, 134A, 156A, 174A, 226A

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.4:</b> The student knows that people use scientific processes including hypothesis, making inferences, and recording and communicating data when exploring the natural world.	<b>1. poses questions, seeks answers, draws pictures of observations, and makes decisions using information.</b>	TE/SE: 4D, 26D, 44–45, 64–65, 131a, 172–173, 205a, 208D, 224–225 (I)	Activity Flip Chart 156E  Workbook 11, 19	Assessment Book 1, 2, 3, 4, 5, 6	Activity Flip Chart 156E  Lab Zone Science 26D, 44, 156D, 172, 208D, 224  Kindergarten Science Reader 46A, 156A, 208A	Activity Flip Chart 156E  Take It to the Net 26, 44, 64, 156, 172, 208, 224  Lab Zone Science 26D, 44, 156D, 172, 208D, 224  Kindergarten Science Reader 46A, 156A, 208A
<b>Benchmark SC.H.1.1.5:</b> The student uses the senses, tools, and instruments to obtain information from his or her surroundings.	<b>1. knows that the five senses (taste, touch, smell, hearing, sight) allow us to take in and respond to information in order to learn about our surroundings.</b>	TE/SE: 100, 104–105, 121e, 156D, 156, 172–173, 174D, 194–195 (I)	Workbook 38	Assessment Book 11–12, 13–14, 15–16, 19–20, 23–24, 27–28	Lab Zone Science 100D, 104, 156D, 172, 174D, 194  Kindergarten Science Reader 100A, 156A, 174A	Take It to the Net 100, 104, 156, 172, 174, 194  Lab Zone Science 100D, 104, 156D, 172, 174D, 194  Kindergarten Science Reader 100A, 156A, 174A

**STANDARD 2: The student understands that most natural events occur in comprehensible, consistent patterns.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.2.1.1: The student knows that most natural events occur in patterns.</b>	<b>1. understands that continuous patterns occur in nature (for example, seasons, phases of the Moon, blooming flowers).</b>	TE/SE: 100, 101, 108–109, 110–111, 112–113, 114–115, 116–117, 118–119, 127a, 220–221, 222–223, (I)	FCAT Benchmark Mini-Lesson Ancillary 24, 25, 26, 27	FCAT Science Test Prep Ancillary 31, 32, 33, 34, 35, 36, 40, 41, 42, 81, 89, 95  Assessment Book 11–12, 13–14, 23–24, 27–28	Activity Flip Chart 100E, 208E  Kindergarten Science Reader 100A, 208A  Every Student Learns 108, 110, 112, 114, 116, 118, 220, 222	Activity Flip Chart 100E, 208E  Take It to the Net 100, 208  Kindergarten Science Reader 100A, 208A

**STANDARD 3: The student understands that science, technology, and society are interwoven and interdependent.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.1.1: The student knows that scientists and technologists use a variety of tools (e.g., thermometers, magnifiers, rulers, and scales) to obtain information in more detail and to make work easier.</b>	<b>1. knows some appropriate tools for collecting information and extending the senses.</b>	TE/SE: 124–125, 172–173, 248–249, 250–251 (I)	Workbook 38, 87	Assessment Book 11–12, 13–14, 25–26, 27–28	Kindergarten Science Reader 100A, 174A, 226A	Kindergarten Science Reader 100A, 174A, 226A

A Correlation of

Scott Foresman

# Science

See learning in a whole new light

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to the

## Florida

### Sunshine State Standards Benchmarks & Grade Level Expectations

Grade One



T/S-44A\_G1

## Introduction

This document demonstrates how ***Scott Foresman Science*** meets the Florida Sunshine State Standards, Benchmarks & Grade Level Expectations. **Correlation page references are to the Teacher's Edition or to the ancillary. Florida Annually Assessed Benchmarks are shaded gray.**

**Pearson Scott Foresman** is proud to introduce our all new ***Scott Foresman Science***, Kindergarten through Grade Five. Extensive research and analysis is the foundation for ***Scott Foresman Science*** and guides the instructional design.

### **Scaffolded Inquiry™**

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Powerful connections between reading skills and science process skills in every chapter advance science literacy for all students.

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Leveled Readers for every Student Edition chapter teach the same science concepts, vocabulary, and reading skills — at each student's reading level.

### **Time-Saving Strategies**

Time-saving strategies are built right into the Teacher's Edition that will save the teacher hours of time in lesson preparation.

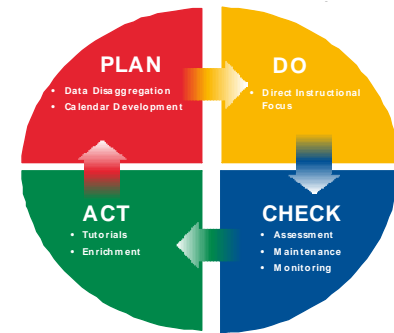
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**Scott Foresman Science  
Correlation to the  
Florida Sunshine State Standards  
Benchmarks & Grade Level Expectations  
Grade One**



**STRAND A: The Nature of Matter**

**STANDARD 1: The student understands that all matter has observable, measurable properties.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.1.1:</b> <b>The student knows that objects can be described, classified, and compared by their composition (e.g., wood or metal) and their physical properties (e.g., color, size, and shape).</b>	<b>1. knows that objects can be grouped according to their physical characteristics (for example, shape, color, texture, form, size).</b>	TE/SE: 216–217, 218–219, 220–221, 236–237 (I)	Quick Activity Transparencies 218  FCAT Benchmark Mini-Lesson Ancillary 24, 33	Examview 209C, 209H, 236  FCAT Science Test Prep Ancillary 37, 39, 40, 41, 42, 49, 53, 55, 56, 57, 58, 68, 73, 76, 79, 86, 101  Assessment Book 57–60, 69–72	Activity Flip Chart 209E  Below Leveled Readers 209A  On Level Readers 209A  Every Student Learns 217, 221  Quick Study Ancillary 64, 65, 66, 67	Activity Flip Chart 209E  Advanced Leveled Readers 209A  Take It to the Net 209

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.1.2:</b> <b>The student recognizes that the same material can exist in different states.</b>	<b>1. knows the effects of heating and cooling on solids, liquids and gases.</b>	TE/SE: 222–223, 226–227, 228–229, 230–231, 236–237, 240 (I)	Quick Activity Transparencies 222, 226  FCAT Benchmark Mini-Lesson Ancillary 31, 34	Examview 209C, 209H, 236  FCAT Science Test Prep Ancillary 56, 57, 60, 103, 105  Assessment Book 57–60, 69–72	Activity Flip Chart 209E  Below Leveled Readers 209A  On Level Readers 209A  Every Student Learns 229  Quick Study Ancillary 68, 69, 70, 71	Activity Flip Chart 209E  Advanced Leveled Readers 209A  Take It to the Net 209
<b>Benchmark SC.A.1.1.3:</b> <b>The student verifies that things can be done to materials to change some of their physical properties e.g., cutting, heating, and freezing), but not all materials respond the same way (e.g., heating causes water to boil and sugar to melt).</b>	<b>1. knows the physical properties of ice, water, and steam.</b>	TE/SE: 226–227, 228–229, 237 (I)	Quick Activity Transparencies 226, 228  FCAT Benchmark Mini-Lesson Ancillary 35, 36, 37, 54	Examview 209C, 209H, 236  FCAT Science Test Prep Ancillary 37, 48, 51, 52, 55, 56, 58, 59, 60, 76, 78, 88, 104, 110  Assessment Book 57–60, 69–72	Activity Flip Chart 209E  Below Leveled Readers 209A  On Level Readers 209A  Every Student Learns 229  Quick Study Ancillary 70, 71	Activity Flip Chart 209E  Advanced Leveled Readers 209A  Take It to the Net 209

**STANDARD 2: The student understands the basic principles of atomic theory.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.2.1.1: The student recognizes that many things are made of smaller pieces, different amounts, and various shapes.</b>	<b>1. knows that objects are composed of parts that are too small to be seen without magnification (for example, rocks, cookies, string, paper).</b>	TE/SE: 214–215, (I)	Quick Activity Transparencies 214  FCAT Benchmark Mini-Lesson Ancillary 30	Examview 209C, 209H, 236  FCAT Science Test Prep Ancillary 46, 47, 51, 52, 55, 60  Assessment Book 35–38, 43–46, 57–60, 69–72	Below Leveled Readers 209A  On Level Readers 209A  Every Student Learns 217  Quick Study Ancillary 64, 65	Advanced Leveled Readers 209A

\*Indepth/Mentioned

**STRAND B: Energy**

**STANDARD 1: The student recognizes that energy may be changed in form with varying efficiency.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.1.1:</b> <b>The student knows that the Sun supplies heat and light energy to Earth.</b>	<b>1. knows that heat from the Sun has varying effects depending on the surface it strikes.</b>	TE/SE: 282–283 (I)	Quick Activity Transparencies 278, 282  FCAT Benchmark Mini-Lesson Ancillary 44, 45	Examview 273C, 273H, 302  Assessment Book 65–68, 69–72	Below Leveled Readers 273A  On Level Readers 273A  Every Student Learns 280  Quick Study Ancillary 86, 87, 88, 89	Advanced Leveled Readers 273A  Take It to the Net 273
<b>Benchmark SC.B.1.1.2:</b> <b>The student knows that light can pass through some objects and not others.</b>	<b>1. predicts which materials will allow light to pass through and which ones will not.</b>	TE/SE: 273D, 284–285, 286–287, 288–289, 298–299, 302–303 (I)	Quick Activity Transparencies 284, 288  FCAT Benchmark Mini-Lesson Ancillary 46	Examview 273C, 273H, 302  FCAT Science Test Prep Ancillary 67, 69, 72, 74, 75, 78, 107  Assessment Book 65–68	Activity Flip Chart 273E  Lab Zone Science 273D, 298  Below Leveled Readers 273A  On Level Readers 273A  Every Student Learns 287  Quick Study Ancillary 90, 91	Activity Flip Chart 273E  Advanced Leveled Readers 273A  Take It to the Net 273, 298  Lab Zone Science 273D, 298

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.1.3:</b> <b>The student describes a model energy system (e.g., an aquarium or terrarium).</b>	<b>1. understands that models (for example, terrarium or aquarium) can be used to observe processes and changes over time.</b>	TE/SE: 113D, 130–131, 312, 313D (I)	Quick Activity Transparencies 126, 290	Examview 113C, 113H, 134	Lab Zone Science 113D, 130  Below Leveled Readers 113A, 273A  On Level Readers 113A, 273A  Every Student Learns 124, 291  Quick Study Ancillary 42–43, 44–45	Advanced Leveled Readers 113A, 273A  Take It to the Net 130, 273  Lab Zone Science 113D, 130
<b>Benchmark SC.B.1.1.4:</b> <b>The student knows that heat can be produced in many ways (e.g., by burning and rubbing).</b>	<b>1. knows ways that human activities require and release energy.</b>	TE/SE: 294–295, 296–297, 303 (I)	Quick Activity Transparencies 294	Examview 273C, 273H, 302  FCAT Science Test Prep Ancillary 67, 70, 71, 107  Assessment Book 65–68, 69–72	Activity Flip Chart 273E  Below Leveled Readers 273A  On Level Readers 273A  Every Student Learns 280, 297  Quick Study Ancillary 86, 87, 94, 95	Activity Flip Chart 273E  Advanced Leveled Readers 273A  Take It to the Net 273

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.1.5: The student knows that every human action requires energy that comes from food.</b>	<b>1. understands that people need food for energy.</b>	TE/SE: 294–295, 296–297, 303 (I)	Quick Activity Transparencies 294  FCAT Benchmark Mini-Lesson Ancillary 48	Examview 273C, 273H, 302  FCAT Science Test Prep Ancillary 69, 75, 87  Assessment Book 65–68, 69–72	Below Leveled Readers 273A  On Level Readers 273A  Every Student Learns 297  Quick Study Ancillary 94, 95	Advanced Leveled Readers 273A  Take It to the Net 273
	<b>2. knows nutritional value of various foods (for example, fruit, cereals, dairy, meat).</b>	TE/SE: 294–295, 303 (I)	Quick Activity Transparencies 294  FCAT Benchmark Mini-Lesson Ancillary 48	Examview 273C, 273H, 302  FCAT Science Test Prep Ancillary 61, 62  Assessment Book 65–68	Below Leveled Readers 273A  On Level Readers 273A  Quick Study Ancillary 94, 95	Advanced Leveled Readers 273A  Take It to the Net 273

**STANDARD 2: The student understands the interaction of matter and energy.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.2.1.1: The student recognizes systems of matter and energy.</b>	<b>Content addressed at second grade. See Grade 2 correlation.</b>	Benchmark SC.B.2.1.1 is covered in Grade 1 on these pages. TE/SE: 230–231, 236–237, 290–291, 292–293, 294–295, 296–297, 303 (I)	Quick Activity Transparencies 230, 290  FCAT Benchmark Mini-Lesson Ancillary 47	Examview 209C, 209H, 236, 273C, 273H, 302  FCAT Science Test Prep Ancillary 69, 71, 72, 77  Assessment Book 57–60, 65–68, 69–72	Below Leveled Readers 209A, 273A  On Level Readers 209A, 273A  Every Student Learns 231, 291  Quick Study Ancillary 72, 73, 92, 93	Advanced Leveled Readers 209A, 273A  Take It to the Net 209, 273

\*Indepth/Mentioned

**STRAND C: Force and Motion**

**STANDARD 1: The student understands that types of motion may be described, measured, and predicted.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.1.1.1:</b> <b>The student understands that different things move at different speeds.</b>	<b>1. knows the relative order of speeds of various objects (for example, snails, turtles tricycles, bicycles, cars, jets, rockets).</b>	TE/SE: 251, 268–269 (I)	Quick Activity Transparencies 250	Examview 241C, 241H, 270  FCAT Science Test Prep Ancillary 61, 111	Lab Zone Science 241D, 244  Below Leveled Readers 241A  On Level Readers 241A  Every Student Learns 251  Quick Study Ancillary 76–77	Advanced Leveled Readers 241A  Take It to the Net 241, 244  Lab Zone Science 241D, 244
<b>Benchmark SC.C.1.1.2:</b> <b>The student knows that there is a relationship between force and motion.</b>	<b>1. knows that various things move at different speeds when different forces are applied.</b>	TE/SE: 248–249, 250–251, 270– 271, 305 (I)	Quick Activity Transparencies 250  FCAT Benchmark Mini-Lesson Ancillary 38, 39, 40, 56	Examview 241C, 241H, 270  FCAT Science Test Prep Ancillary 61, 64, 65, 66, 76, 85, 86, 88, 89, 91, 94, 112  Assessment Book 61–64, 69–72	Below Leveled Readers 241A  On Level Readers 241A  Every Student Learns 251  Quick Study Ancillary 76, 77	Advanced Leveled Readers 241A  Take It to the Net 241

\*Indepth/Mentioned

**STANDARD 2: The student understands that the types of force that act on an object and the effect of that force can be described, measured, and predicted.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.2.1.1:</b> The student knows that one way to change how something is moving is to give it a push or a pull.	1. understands various ways gravity affects the motion of objects (for example, an object on a ramp, an object that is dropped).	TE/SE: 243, 246–249, 271 (I)	Quick Activity Transparencies 246	Examview 241C, 241H, 270  FCAT Science Test Prep Ancillary 61, 62, 63, 74  Assessment Book 61–64	Below Leveled Readers 241A  On Level Readers 241A  Every Student Learns 249  Quick Study Ancillary 74, 75	Advanced Leveled Readers 241A  Take It to the Net 241
<b>Benchmark SC.C.2.1.2:</b> The student knows that sound is caused by vibrations (pushing and pulling) to cause waves.	1. knows that vibrations of objects (for example, strings, drumheads, rubber bands) cause sounds.	TE/SE: 260–261, 266–267, 270– 271 (I)	Quick Activity Transparencies 260  FCAT Benchmark Mini-Lesson Ancillary 42, 43	Examview 241C, 241H, 270  FCAT Science Test Prep Ancillary 64, 65, 75, 105  Assessment Book 61–64, 69–72	Activity Flip Chart 241E  Lab Zone Science 241D, 266  Below Leveled Readers 241A  On Level Readers 241A  Every Student Learns 261  Quick Study Ancillary 82, 83	Activity Flip Chart 241E  Advanced Leveled Readers 241A  Take It to the Net 241, 266  Lab Zone Science 241D, 266

\*Indepth/Mentioned

**STRAND D: Processes that Shape the Earth**

**STANDARD 1: The student recognizes that processes in the lithosphere, atmosphere, hydrosphere, and biosphere interact to shape the Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.1.1: The student recognizes that the solid materials making up the Earth come in all sizes, from boulders to grains of sand.</b>	<b>1. extends and refines knowledge that the surface of the Earth is composed of different types of solid materials.</b>	TE/SE: 145D, 146–147, 154–155, 156–157, 172 (I)	Quick Activity Transparencies 154  FCAT Benchmark Mini-Lesson Ancillary 25, 26	Examview 145C, 145H, 172  FCAT Science Test Prep Ancillary 11, 37, 38, 39, 42, 50, 102  Assessment Book 35–38, 43–46	Activity Flip Chart 145E  Below Leveled Readers 145A  On Level Readers 145A  Every Student Learns 152, 156  Quick Study Ancillary 46, 47, 48, 49	Activity Flip Chart 145E  Advanced Leveled Readers 145A  Take It to the Net 145

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.1.2:</b> <b>The student knows that life occurs on or near the surface of the Earth in land, air, and water.</b>	<b>1. knows some kinds of organisms that live on or near the surface of the Earth in land, water, and air.</b>	TE/SE: 26–27, 156–157, 160–161, 162–163 (I)	Quick Activity Transparencies 160	Examview 145C, 145H, 172  FCAT Science Test Prep Ancillary 10, 16, 22, 38, 41  Assessment Book 35–38, 43–46	Activity Flip Chart 25E  Below Leveled Readers 25A, 145A  On Level Readers 25A, 145A  Every Student Learns 156, 161  Quick Study Ancillary 48, 49, 52, 53	Activity Flip Chart 25E  Advanced Leveled Readers 25A, 145A  Take It to the Net 145
<b>Benchmark SC.D.1.1.3:</b> <b>The student recognizes patterns in weather.</b>	<b>1. uses graphic organizers to display weather data and show weather patterns.</b>	TE/SE: 177D, 193, 194–195, 196–197 (I)	Quick Activity Transparencies 192	Examview 177C, 177H, 198  Assessment Book 39–42, 43–46	Lab Zone Science 177D, 197  Below Leveled Readers 177A  On Level Readers 177A  Every Student Learns 193  Quick Study Ancillary 62, 63	Advanced Leveled Readers 177A  Take It to the Net 177D, 194  Lab Zone Science 177D, 197

**STANDARD 2: The student understands the need for protection of the natural systems on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.2.1.1:</b> <b>The student understands that people influence the quality of life of those around them.</b>	<b>1. extends and refines knowledge of ways to care for the Earth at home and in school.</b>	TE/SE: 160–161, 162–163, 164–165, 166–167, 173 (I)	Quick Activity Transparencies 160, 166  FCAT Benchmark Mini-Lesson Ancillary 28	Examview 145C, 145H, 172  FCAT Science Test Prep Ancillary 38, 39, 40, 41, 42, 53, 102  Assessment Book 35–38, 43–46	Below Leveled Readers 145A  On Level Readers 145A  Every Student Learns 161, 167  Quick Study Ancillary 52, 53, 54, 55	Advanced Leveled Readers 145A  Take It to the Net 145

\*Indepth/Mentioned

**STRAND E: Earth and Space**

**STANDARD 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.1.1.1:</b> The student knows that the light reflected by the Moon looks a little different every day but looks the same again about every 28 days.	<b>1. knows that the amount of light reflected by the Moon is a little different every day but the Moon appears the same again about every 28 days.</b>	TE/SE: 326–327 (I)	FCAT Benchmark Mini-Lesson Ancillary 51	Examview 313C, 313H, 332  FCAT Science Test Prep Ancillary 92, 106  Assessment Book 83–86, 91–94	Activity Flip Chart 313E  Below Leveled Readers 313A  On Level Readers 313A  Every Student Learns 326  Quick Study Ancillary 100, 101	Activity Flip Chart 313E  Advanced Leveled Readers 313A
<b>Benchmark SC.E.1.1.2:</b> The student knows that the appearance of sunrise and sunset is due to the rotation of Earth every 24 hours.	<b>1. knows that night and day are caused by the rotation of the Earth.</b>	TE/SE: 322–323, 332 (I)	Quick Activity Transparencies 322  FCAT Benchmark Mini-Lesson Ancillary 50	Examview 313C, 313H, 332  FCAT Science Test Prep Ancillary 91, 95, 111  Assessment Book 83–86, 91–94	Below Leveled Readers 313A  On Level Readers 313A  Every Student Learns 323  Quick Study Ancillary 98, 99	Advanced Leveled Readers 313A  Take It to the Net 313

\*Indepth/Mentioned

**STANDARD 2: The student recognizes the vastness of the universe and the Earth's place in it.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.2.1.1: The student knows that there are many objects in the sky that are only visible at night.</b>	<b>1. knows and differentiates objects seen in the day and night sky (for example, clouds, Sun, stars, Moon, planets).</b>	TE/SE: 318–321, 324–327, 332–333 (I)	Quick Activity Transparencies 318, 324, 326  FCAT Benchmark Mini-Lesson Ancillary 49	Examview 313C, 313H, 332  FCAT Science Test Prep Ancillary 91, 93, 107, 112  Assessment Book 83–86, 91–94	Activity Flip Chart 313E  Below Leveled Readers 313A  On Level Readers 313A  Every Student Learns 321, 326  Quick Study Ancillary 96, 97, 100, 101	Activity Flip Chart 313E  Advanced Leveled Readers 313A  Take It to the Net 313

\*Indepth/Mentioned

**STRAND F: Processes of Life**

**STANDARD 1: The student describes patterns of structure and function in living things.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.1.1: The student knows the basic needs of all living things.</b>	<b>1. understands that living things need food, water, space, and shelter to survive.</b>	TE/SE: 10–11, 12–13, 22, 23, 30–31, 32–33, 34–35, 36–37, 38–39, 122–123, 126–127, 134–135 (I)	Quick Activity Transparencies 10, 12, 122, 126  FCAT Benchmark Mini-Lesson Ancillary 2, 3, 27	Examview 1C, 1H, 22, 113C, 113H, 134  FCAT Science Test Prep Ancillary 1, 2, 4, 5, 7, 23, 25, 26, 28, 34, 41, 45, 97  Assessment Book 1–4, 17–20, 21–24	Below Leveled Readers 1A, 113A  On Level Readers 1A, 113A  Every Student Learns 11, 13, 127  Quick Study Ancillary 4, 5, 6, 7, 42, 43, 44, 45	Advanced Leveled Readers 1A, 113A  Take It to the Net 1, 113
<b>Benchmark SC.F.1.1.2: The student knows how to apply knowledge about life processes to distinguish between living and nonliving things.</b>	<b>1. knows how to classify things as living and nonliving.</b>	TE/SE: 4, 6–7, 8–9, 14–15, 16–17, 20–21, 22–23 (I)	Quick Activity Transparencies 6, 14  FCAT Benchmark Mini-Lesson Ancillary 1, 4	Examview 1C, 1H, 22  FCAT Science Test Prep Ancillary 1, 2, 3, 6, 28, 31, 36, 108  Assessment Book 1–4, 21–24	Activity Flip Chart 1E  Lab Zone Science 1D, 4  Below Leveled Readers 1A  On Level Readers 1A  Every Student Learns 9, 16  Quick Study Ancillary 2, 3, 8, 9	Activity Flip Chart 1E  Advanced Leveled Readers 1A  Take It to the Net 1  Lab Zone Science 1D, 4

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.1.3: The student describes how organisms change as they grow and mature.</b>	<b>1. knows ways organisms change as they grow and mature (for example, as people grow up their size changes).</b>	TE/SE: 18–19, 82–83, 84, 86–89, 90–91, 92–93, 94–95, 98–99, 100–101, 102–103, 104–105, 106–107, 108–109, 144 (I)	Quick Activity Transparencies 86, 92, 94, 98, 100  FCAT Benchmark Mini-Lesson Ancillary 14, 15, 17, 18	Examview 81C, 81H, 110  FCAT Science Test Prep Ancillary 4, 5, 19, 20, 21, 22, 24, 32, 34, 35, 100, 102  Assessment Book 13–16, 21–24	Activity Flip Chart 81E  Lab Zone Science 81D, 84  Below Leveled Readers 81A  On Level Readers 81A  Every Student Learns 91, 93, 99, 101  Quick Study Ancillary 28, 29, 30, 31, 32, 33, 34, 35, 36, 37	Activity Flip Chart 81E  Advanced Leveled Readers 81A  Take It to the Net 81  Lab Zone Science 81D, 84
	<b>2. knows that living things grow and change in different ways and in different lengths of time (for example, butterfly, frog, daisy, pine tree).</b>	TE/SE: 82–83, 84, 86–89, 90–91, 92–97, 98–99, 100–103, 104–105, 106–107, 108–109, 144 (I)	Quick Activity Transparencies 86, 92, 94, 98, 100  FCAT Benchmark Mini-Lesson Ancillary 14, 15, 17, 18	Examview 81C, 81H, 110  FCAT Science Test Prep Ancillary 4, 5, 19, 20, 21, 22, 24, 32, 34, 35, 100, 102  Assessment Book 13–16, 21–24	Activity Flip Chart 81E  Lab Zone Science 81D, 84  Below Leveled Readers 81A  On Level Readers 81A	Activity Flip Chart 81E  Advanced Leveled Readers 81A  Take It to the Net 81  Lab Zone Science 81D, 84

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
(continued)					Every Student Learns 91, 93, 99, 101  Quick Study Ancillary 28, 29, 30, 34, 35, 36, 37	
<b>Benchmark SC.F.1.1.4: The student understands that structures of living things are adapted to their function in specific environments.</b>	<b>1. knows that plants and animals have adaptations that help them survive in their environment (camouflage, teeth, spines).</b>	TE/SE: 49D, 49E, 50–51, 52, 54–57, 58–59, 60–61, 62–63, 64–65, 68–69, 70–71, 72–73, 78–79, 138–139, 140–141 (I)	Quick Activity Transparencies 54, 58, 62, 68, 72  FCAT Benchmark Mini-Lesson Ancillary 9, 10, 11, 13	Examview 49C, 49H, 78  FCAT Science Test Prep Ancillary 5, 12, 13, 14, 15, 16, 17, 30, 32, 36, 98, 99, 109  Assessment Book 9–12, 21–24	Activity Flip Chart 49E, 113E  Lab Zone Science 140  Below Leveled Readers 49A, 113A  On Level Readers 49A, 113A  Every Student Learns 57, 61, 71, 73  Quick Study Ancillary 18, 19, 20, 21, 22, 23, 24, 25, 26, 27	Activity Flip Chart 49E, 113E  Advanced Leveled Readers 49A, 113A  Take It to the Net 49, 140  Lab Zone Science 140

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.1.5:</b> <b>The student compares and describes the structural characteristics of plants and animals.</b>	<b>1. understands different ways in which living things can be grouped (for example, plant/animals, edible plants/non-edible plants).</b>	TE/SE: 28, 70–71, 76–77, 79, 132–133 (I)	Quick Activity Transparencies 6	Examview 49C, 49H, 78  FCAT Science Test Prep Ancillary 3, 11, 24, 36, 85, 87, 89, 97  Assessment Book 9–12, 21–24	Lab Zone Science 28, 133  Below Leveled Readers 49A  On Level Readers 49A  Every Student Learns 67  Quick Study Ancillary 23	Advanced Leveled Readers 49A  Take It to the Net 28, 132  Lab Zone Science 28, 133

\*Indepth/Mentioned

**STANDARD 2: The student understands the process and importance of genetic diversity.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.2.1.1:</b> The student knows that living things have offspring that resemble their parents.	<b>1. knows that plants and animals are similar but not identical to their parents.</b>	TE/SE: 94–95, 96–97, 104–105, 110 (I)	Quick Activity Transparencies 94, 104  FCAT Benchmark Mini-Lesson Ancillary 16	Examview 81C, 81H, 110  FCAT Science Test Prep Ancillary 19, 23, 35  Assessment Book 13–16	Below Leveled Readers 81A  On Level Readers 81A  Every Student Learns 97, 105  Quick Study Ancillary 32, 33, 38, 39	Advanced Leveled Readers 81A  Take It to the Net 1, 81
<b>Benchmark SC.F.2.1.2:</b> The student knows that there are many different kinds of living things that live in a variety of environments.	<b>1. knows plants and animals that live in a particular habitat (for example, black bears in the forest, whales in the ocean, camels in the desert, ducks in the wetlands).</b>	TE/SE: 25D, 30–33, 34–35, 36–37, 38–39, 44–45, 54–57, 70–71 (I)	Quick Activity Transparencies 30, 34, 36, 38  FCAT Benchmark Mini-Lesson Ancillary 5, 7, 22	Examview 25C, 25H, 44  FCAT Science Test Prep Ancillary 7, 9, 10, 18, 31, 98  Assessment Book 5–8, 9–12	Activity Flip Chart 25E  Below Leveled Readers 25A  On Level Readers 25A  Every Student Learns 33, 35, 37, 39  Quick Study Ancillary 10, 11, 12, 13, 14, 15, 16, 17	Activity Flip Chart 25E  Advanced Leveled Readers 25A  Take It to the Net 25

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows the characteristics of the climate in different habitats (for example, sunlight, moisture, temperature).</b>	TE/SE: 34–35, 36–37, 38–39, 45 (I)	Quick Activity Transparencies 34, 36, 38  FCAT Benchmark Mini-Lesson Ancillary 6	Examview 25C, 25H, 44  FCAT Science Test Prep Ancillary 8, 12, 26, 97  Assessment Book 5–8, 9–12	Below Leveled Readers 25A  On Level Readers 25A  Every Student Learns 35, 37, 39  Quick Study Ancillary 12, 13, 14, 15, 16, 17	Advanced Leveled Readers 25A  Take It to the Net 25
	<b>3. knows some ways in which animals and plants are adapted to living in different environments.</b>	TE/SE: 54–57, 58–59, 60–61, 62–63, 64–65, 70–71, 72–73, 79, 138–139 (I)	Quick Activity Transparencies 54, 58, 62, 72  FCAT Benchmark Mini-Lesson Ancillary 8	Examview 49C, 49H, 78  FCAT Science Test Prep Ancillary 13, 15, 16, 17  Assessment Book 21–24	Below Leveled Readers 49A  On Level Readers 49A  Every Student Learns 57, 61, 71, 73  Quick Study Ancillary 18, 19, 20, 21, 22, 23, 26, 27	Advanced Leveled Readers 49A  Take It to the Net 49

**STRAND G: How Living Things Interact with Their Environments.**

**STANDARD 1: The student understands the competitive, interdependent, cyclic nature of living things in the environment.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.1.1:</b> <b>The student knows that environments have living and nonliving parts.</b>	<b>1. knows that environments have living and nonliving parts.</b>	TE/SE: 6–9, 14–15, 16–17, 20–21, 30–33, 34–35, 36–37, 38–39, 45 (I)	Quick Activity Transparencies 6, 14, 30, 34, 36, 38	Examview 1C, 1H, 22, 25C, 25H, 44  FCAT Science Test Prep Ancillary 12  Assessment Book 1–4, 5–8	Activity Flip Chart 25E  Below Leveled Readers 1A, 25A  On Level Readers 1A, 25A  Every Student Learns 9, 16, 33, 35, 37, 39  Quick Study Ancillary 2, 3, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17	Activity Flip Chart 25E  Advanced Leveled Readers 1A, 25A
<b>Benchmark SC.G.1.1.2:</b> <b>The student knows that plants and animals are dependent upon each other for survival.</b>	<b>1. knows that plants produce oxygen and food for animals.</b>	TE/SE: 113D, 118–121, 122–123, 124–125, 126–127, 128–129, 130–131 (I)	Quick Activity Transparencies 118, 122, 126  FCAT Benchmark Mini-Lesson Ancillary 20, 53	Examview 113C, 113H, 134  FCAT Science Test Prep Ancillary 25, 27, 33  Assessment Book 17–20, 21–24	Below Leveled Readers 113A  On Level Readers 113A  Every Student Learns 127  Quick Study Ancillary 40, 41, 42, 43	Advanced Leveled Readers 113A  Take It to the Net 113

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. understands that animals can be grouped according to what they eat.</b>	TE/SE: 119, 132–133 (I)	Quick Activity Transparencies 118, 122, 126  FCAT Benchmark Mini-Lesson Ancillary 20	Examview 113C, 113H, 134  FCAT Science Test Prep Ancillary 25  Assessment Book 17–20, 21–24	Below Leveled Readers 113A  On Level Readers 113A  Every Student Learns 127  Quick Study Ancillary 40, 41	Advanced Leveled Readers 113A  Take It to the Net 113
	<b>3. understands that living things are part of a food chain.</b>	TE/SE: 122–123, 124–125, 126–127, 128–129, 130–131, 134–135 (I)	Quick Activity Transparencies 122, 126  FCAT Benchmark Mini-Lesson Ancillary 21	Examview 113C, 113H, 134  FCAT Science Test Prep Ancillary 26, 27, 29, 30, 108  Assessment Book 17–20, 21–24	Lab Zone Science 130  Below Leveled Readers 113A  On Level Readers 113A  Every Student Learns 127  Quick Study Ancillary 42, 43	Advanced Leveled Readers 113A  Take It to the Net 113, 130  Lab Zone Science 130

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.1.3:</b> The student knows that there are many different plants and animals living in many different kinds of environments (e.g., hot, cold, wet, dry, sunny, and dark).	<b>1. knows some characteristics of different environments and some plants and animals found there.</b>	TE/SE: 25D, 25E, 26–27, 28, 29, 30–33, 34–35, 36–37, 38–39, 44–45 (I)	Quick Activity Transparencies 30, 34, 36, 38	Examview 25C, 25H, 44  FCAT Science Test Prep Ancillary 10, 33, 34, 101  Assessment Book 5–8, 21–24	Activity Flip Chart 25E  Below Leveled Readers 25A  On Level Readers 25A  Every Student Learns 33, 35, 37, 39  Quick Study Ancillary 10, 11, 12, 13, 14, 15, 16, 17	Activity Flip Chart 25E  Advanced Leveled Readers 25A  Take It to the Net 25
<b>Benchmark SC.G.1.1.4:</b> The student knows that animals and plants can be associated with their environment by an examination of their structural characteristics.	<b>Content addressed in second grade. See Grade 2 correlation.</b>	Benchmark SC.G.1.1.4 is covered in Grade 1 on these pages. TE/SE: 25D, 28, 64–65, 70–71, 79 (I)	Quick Activity Transparencies 68	Examview 25C, 25H, 44, 49C, 49H, 78  Assessment Book 9–12, 21–24	Lab Zone Science 25D, 28  Below Leveled Readers 25A, 49A  On Level Readers 25A, 49A  Every Student Learns 71  Quick Study Ancillary 22, 23, 24, 25	Advanced Leveled Readers 25A, 49A  Take It to the Net 25, 28, 49  Lab Zone Science 25D, 28

**STANDARD 2: The student understands the consequences of using limited natural resources.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.2.1.1:</b> <b>The student knows that if living things do not get food, water, shelter, and space, they will die.</b>	<b>1. understands why living things must have food, water, shelter, and space to survive.</b>	TE/SE: 10–11, 12–13, 22, 23 (I)	Quick Activity Transparencies 10, 12  FCAT Benchmark Mini-Lesson Ancillary 19	Examview 1C, 1H, 22  FCAT Science Test Prep Ancillary 35, 109  Assessment Book 1–4, 17–20	Below Leveled Readers 1A  On Level Readers 1A  Every Student Learns 11, 13  Quick Study Ancillary 4, 5, 6, 7	Advanced Leveled Readers 1A  Take It to the Net 1
<b>Benchmark SC.G.2.1.2:</b> <b>The student knows that the activities of humans affect plants and animals in many ways.</b>	<b>1. understands that there are limited resources available for all living things to use.</b>	TE/SE: 160–167 (I)	Quick Activity Transparencies 160	Examview 145C, 145H, 172	Below Leveled Readers 145A  On Level Readers 145A  Every Student Learns 161  Quick Study Ancillary 52, 53	Advanced Leveled Readers 145A  Take It to the Net 145

\*Indepth/Mentioned

**STRAND H: The Nature of Science**

**STANDARD 1: The student uses the scientific processes and habits of mind to solve problems.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.1:</b> The student knows that in order to learn, it is important to observe the same things often and compare them.	<b>1. knows that scientific investigations generally work the same way in different places.</b>	TE/SE: 18–19, 81D, 106–107, 145E (I)	Quick Activity Transparencies 104	Examview 81C, 81H, 110  FCAT Science Test Prep Ancillary 51	Activity Flip Chart 145E  Lab Zone Science 81D, 106  Below Leveled Readers 81A  On Level Readers 81A	Activity Flip Chart 145E  Advanced Leveled Readers 81A  Take It to the Net 81, 106  Lab Zone Science 81D, 106
<b>Benchmark SC.H.1.1.2:</b> The student knows that when tests are repeated under the same condition, similar results are usually obtained.	<b>1. understands the importance of accuracy and repetition in conducting scientific inquiries.</b>	TE/SE: 49D, 74–75, 177D, 194–195, 204–205, 372–373 (I)	Take It to the Net 49, 74, 177, 194, 372  Lab Zone Science 49D, 74, 177D, 194, 372	Examview 49C, 49H, 78, 177C, 177H, 198	Lab Zone Science 49D, 74, 177D, 194, 372  Below Leveled Readers 177A, 337A  On Level Readers 177A, 337A	Advanced Leveled Readers 177A, 337A  Take It to the Net 49, 74, 177, 194, 372  Lab Zone Science 49D, 74, 177D, 194, 372

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.3: The student knows that in doing science, it is often helpful to work with a team and to share findings with others.</b>	<b>1. works with others to complete an experiment or to solve a problem.</b>	TE/SE: 81D, 106–107, 113D, 140–141, 177D, 180, 194–195, 209D, 212, 232–233, 241D, 244, 273D, 298–299, 308–309, 337D, 362–363, 372–373 (I)	Activity Flip Chart 113E	Examview 177C, 177H, 198, 209C, 209H, 236, 241C, 241H, 270, 273C, 273H, 302, 337C, 337H, 366	Activity Flip Chart 113E  Lab Zone Science 113D, 116, 140, 177D, 180, 209D, 212, 232, 241D, 244, 273D, 298, 308, 337D, 362, 372  Below Leveled Readers 177A, 241A, 273A, 337A  On Level Readers 177A, 241A, 273A, 337A	Activity Flip Chart 113E  Advanced Leveled Readers 177A, 241A, 273A, 337A  Take It to the Net 113, 116, 140, 177, 180, 212, 232, 241, 244, 273, 298, 308, 337, 362, 372  Lab Zone Science 113D, 116, 140, 177D, 180, 209D, 212, 232, 241D, 244, 273D, 298, 308, 337D, 362, 372

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. listens, records, and compares the ideas and observations of others.</b>	TE/SE: 113D, 116, 140–141, 177D, 209D, 212, 232–233, 241D, 244, 273D, 298–299, 308–309, 337D, 362–363, 372–373 (I)	Activity Flip Chart 113E	Examview 177C, 177H, 198, 209C, 209H, 236, 241C, 241H, 270, 273C, 273H, 302, 337C, 337H, 366	Activity Flip Chart 113E  Lab Zone Science 113D, 116, 140, 177D, 180, 209D, 212, 232, 241D, 244, 273D, 298, 308, 337D, 362, 372  Below Leveled Readers 177A, 241A, 273A, 337A  On Level Readers 177A, 241A, 273A, 337A	Activity Flip Chart 113E  Advanced Leveled Readers 177A, 241A, 273A, 337A  Take It to the Net 113, 116, 140, 177, 180, 212, 232, 241, 244, 273, 298, 308, 337, 362, 372  Lab Zone Science 113D, 116, 140, 177D, 180, 209D, 212, 232, 241D, 244, 273D, 298, 308, 337D, 362, 372

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.4:</b> <b>The student knows that people use scientific processes including hypothesis, making inferences, and recording and communicating data when exploring the natural world.</b>	<b>1. uses simple graphs, pictures, written statements, and numbers to observe, describe, record, and compare data.</b>	TE/SE: 18–19, 140–141, 168–169, 194–195, 204–205, 208, 276, 308–309, 312, 334–335, 340, 376 (I)	Quick Activity Transparencies 334  FCAT Benchmark Mini-Lesson Ancillary 57	Examview 1C, 1H, 22, 145C, 145H, 172, 177C, 177H, 198, 273C, 273H, 302, 337C, 337H, 366  FCAT Science Test Prep Ancillary 44, 47, 48, 86, 87, 89, 92, 95, 96  Assessment Book 39–42	Activity Flip Chart 177E  Lab Zone Science 1D, 18, 140, 145D, 168, 177D, 194, 204, 273D, 276, 337D, 340  Below Leveled Readers 1A, 113A, 145A, 177A, 273A, 313A, 337A  On Level Readers 1A, 113A, 145A, 177A, 273A, 313A, 337A	Activity Flip Chart 177E  Advanced Leveled Readers 1A, 113A, 145A, 177A, 273A, 313A, 337A  Take It to the Net 140, 145, 168, 177, 194, 204, 273, 276, 313, 340, 373  Lab Zone Science 1D, 18, 140, 145D, 168, 177D, 194, 204, 273D, 276, 337D, 340

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.5: The student uses the senses, tools, and instruments to obtain information from his or her surroundings.</b>	<b>1. uses a variety of tools (for example, thermometers, magnifiers, rulers, scales, computers) to identify characteristics of objects.</b>	TE/SE: 49D, 52, 168–169, 177D, 194–195, 204–205, 208, 313D, 316, 328–329, 372–373, 376 (I)	Quick Activity Transparencies 186  FCAT Benchmark Mini-Lesson Ancillary 29	Examview 49C, 49H, 78, 145C, 145H, 172, 177C, 177H, 198, 313C, 313H, 332  FCAT Science Test Prep Ancillary 43, 44, 46, 47, 51, 52, 54, 77, 104, 110  Assessment Book 39–42, 43–46	Activity Flip Chart 49E, 145E, 273E, 337E  Lab Zone Science 49D, 52, 177D, 194, 308, 313D, 316, 328, 372  Below Leveled Readers 49A, 145A, 177A, 273A, 313A, 337A  On Level Readers 49A, 145A, 177A, 273A, 313A, 337A  Every Student Learns 187  Quick Study Ancillary 58	Activity Flip Chart 49E, 145E, 273E, 337E  Advanced Leveled Readers 49A, 145A, 177A, 273A, 313A, 337A  Take It to the Net 52, 177, 194, 308, 313, 316, 328, 372  Lab Zone Science 49D, 52, 177D, 194, 308, 313D, 316, 328, 372

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. uses standard (for example, centimeters) and nonstandard units (for example, paper clips, hands, pencils) to measure organisms and objects and parts of organisms and objects.</b>	TE/SE: 177D, 194–195, 204–205, 208, 313D, 316, 372–373 (I)	Quick Activity Transparencies 186  FCAT Benchmark Mini-Lesson Ancillary 29	Examview 49C, 49H, 78, 145C, 145H, 172, 177C, 177H, 198, 313C, 313H, 332  FCAT Science Test Prep Ancillary 43, 44, 46, 47, 51, 52, 54, 77, 104, 110  Assessment Book 39–42, 43–46	Activity Flip Chart 49E, 145E, 273E, 337E  Lab Zone Science 49D, 52, 177D, 194, 308, 313D, 316, 328, 372  Below Leveled Readers 49A, 145A, 177A, 273A, 313A, 337A  On Level Readers 49A, 145A, 177A, 273A, 313A, 337A  Every Student Learns 187  Quick Study Ancillary 58	Activity Flip Chart 49E, 145E, 273E, 337E  Advanced Leveled Readers 49A, 145A, 177A, 273A, 313A, 337A  Take It to the Net 52, 177, 194, 308, 313, 316, 328, 372  Lab Zone Science 49D, 52, 177D, 194, 308, 313D, 316, 328, 372

**STANDARD 2: The student understands that most natural events occur in comprehensible, consistent patterns.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.2.1.1: The student knows that most natural events occur in patterns.</b>	<b>1. uses information gathered to identify patterns in nature to make predictions (for example, shapes of leaves, petals on flowers, rings on seashells).</b>	TE/SE: 25D, 40–41, 189, 192–193, 322–323, 326–327, 332 (I)	Quick Activity Transparencies 192  FCAT Benchmark Mini-Lesson Ancillary 32	Examview 25C, 25H, 44, 177C, 177H, 198  FCAT Science Test Prep Ancillary 43, 44, 45, 49, 52, 54, 70  Assessment Book 13–16, 21–24, 39–42	Lab Zone Science 25D, 40  Below Leveled Readers 177A, 313A  On Level Readers 177A, 313A  Every Student Learns 193  Quick Study Ancillary 60, 61, 62, 63, 98, 99, 100, 101	Advanced Leveled Readers 177A, 313A  Take It to the Net 25, 40, 177  Lab Zone Science 25D, 40

\*Indepth/Mentioned

**STANDARD 3: The student understands that science, technology, and society are interwoven and interdependent.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.1.1: The student knows that scientists and technologists use a variety of tools (e.g., thermometers, magnifiers, rulers, and scales) to obtain information in more detail and to make work easier.</b>	<b>1. knows that scientists and technologists use a variety of tools (e.g., thermometers, magnifiers, rulers, and scales) to obtain information in more detail and to make work easier.</b>	TE/SE: 174–175, 184–185, 199, 200 (I)	Quick Activity Transparencies 182	Examview 177C, 177H, 198  FCAT Science Test Prep Ancillary 49, 50, 52, 53, 54, 88, 90, 93, 94, 96	Below Leveled Readers 177A  On Level Readers 177A  Every Student Learns 184  Quick Study Ancillary 56, 57	Advanced Leveled Readers 177A

A Correlation of

**Scott Foresman**

# Science

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to the

## Florida

### **Sunshine State Standards Benchmarks & Grade Level Expectations**

**Grade Two**



T/S-44A\_G2

## Introduction

This document demonstrates how ***Scott Foresman Science*** meets the Florida Sunshine State Standards, Benchmarks & Grade Level Expectations. **Correlation page references are to the Teacher’s Edition or to the ancillary. Florida Annually Assessed Benchmarks are shaded gray.**

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### **Scaffolded Inquiry™**

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Leveled Readers for every Student Edition chapter teach the same science concepts, vocabulary, and reading skills — at each student’s reading level.

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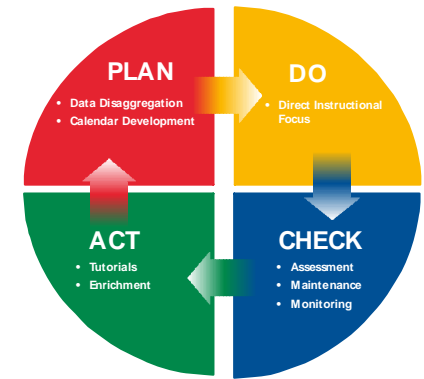
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**Scott Foresman Science  
Correlation to the  
Florida Sunshine State Standards  
Benchmarks & Grade Level Expectations  
Grade Two**



**STRAND A: The Nature Of Matter**

**STANDARD 1: The student understands that all matter has observable, measurable properties.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.1.1:</b> The student knows that objects can be described, classified, and compared by their composition (e.g., wood or metal) and their physical properties (e.g., color, size, and shape).	<b>1.knows ways objects can be grouped according to similarities or differences of their physical characteristics.</b>	TE/SE: 240–241, 262–263 (I)	Quick Activity Transparencies 262  FCAT Benchmark Mini-Lesson Ancillary 43	Examview 233C, 233H, 260  FCAT Science Test Prep Ancillary 56, 57, 79  Assessment Book 57–60, 73–76	Activity Flip Chart 233E  Below Leveled Readers 233A  On Level Readers 233A  Every Student Learns 241  Quick Study Ancillary 86, 87	Activity Flip Chart 233E  Advanced Leveled Readers 233A  Take It to the Net 233

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.1.2: The student recognizes that the same material can exist in different states.</b>	<b>1.knows examples of solids, liquids, and gases.</b>	TE/SE: 242–243, 244–245, 246–247, 252–253, 254–255, 260–261 (I)	Quick Activity Transparencies 242, 252  FCAT Benchmark Mini-Lesson Ancillary 44, 46	Examview 233C, 233H, 260  FCAT Science Test Prep Ancillary 59, 82, 110  Assessment Book 57–60, 73–76	Activity Flip Chart 233E  Below Leveled Readers 233A  On Level Readers 233A  Every Student Learns 246, 253  Quick Study Ancillary 88, 89, 92, 93	Activity Flip Chart 233E  Advanced Leveled Readers 233A  Take It to the Net 233
	<b>2.knows the observable properties of solids, liquids, and gases.</b>	TE/SE: 242–243, 244–245, 246–247, 260–261 (I)	Quick Activity Transparencies 242	Examview 233C, 233H, 260  FCAT Science Test Prep Ancillary 59, 110  Assessment Book 57–60, 73–76	Activity Flip Chart 233E  Below Leveled Readers 233A  On Level Readers 233A  Every Student Learns 246  Quick Study Ancillary 88, 89	Activity Flip Chart 233E  Advanced Leveled Readers 233A  Take It to the Net 233

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.1.3: The student verifies that things can be done to materials to change some of their physical properties e.g., cutting, heating, and freezing), but not all materials respond the same way (e.g., heating causes water to boil and sugar to melt).</b>	<b>1.knows that not all objects or materials respond to change in the same way (for example, a plastic object in the freezer compared with water in a freezer).</b>	TE/SE: 248–249, 252–253, 260–261 (I)	Quick Activity Transparencies 248, 252  FCAT Benchmark Mini-Lesson Ancillary 45	Examview 233C, 233H, 260  FCAT Science Test Prep Ancillary 38, 39, 58, 60, 82, 112, 118  Assessment Book 57–60, 73–76	Activity Flip Chart 233E  Below Leveled Readers 233A  On Level Readers 233A  Every Student Learns 249, 253  Quick Study Ancillary 90, 91, 92, 93	Activity Flip Chart 233E  Advanced Leveled Readers 233A  Take It to the Net 233

**STANDARD 2: The student understands the basic principles of atomic theory.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.2.1.1: The student recognizes that many things are made of smaller pieces, different amounts, and various shapes.</b>	<b>1.knows that common objects are composed of parts that are too small to be seen without magnification (for example, hair, cloth, paper).</b>	TE/SE: 238–239, 243, 251 (I)	Quick Activity Transparencies 238	Examview 233C, 233H, 260  FCAT Science Test Prep Ancillary 55, 56, 110  Assessment Book 57–60	Below Leveled Readers 233A  On Level Readers 233A  Every Student Learns 241  Quick Study Ancillary 86, 87, 90, 91	Advanced Leveled Readers 233A
	<b>2.knows that a variety of tools can be used to examine objects at differing degrees of magnification (for example, a hand lens, layered hand lenses, a microscope).</b>	TE/SE: xxviii, xxix, xxxi, 238–239 (I)	Quick Activity Transparencies 238	Examview 233C, 233H, 260	Below Leveled Readers 233A  On Level Readers 233A  Every Student Learns 241	Advanced Leveled Readers 233A

\*Indepth/Mentioned

**STRAND B: Energy**

**STANDARD 1: The student recognizes that energy may be changed in form with varying efficiency.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.1.1: The student knows that the Sun supplies heat and light energy to Earth.</b>	<b>1.knows that a thermometer measures the amount of heat absorbed by an object.</b>	TE/SE: xxxi, 171, 194–195, 256–257, 268 (I)	Workbook 109	Examview 265C, 265H, 294	Lab Zone Science 265D, 268  Below Leveled Readers 265A  On Level Readers 265A	Advanced Leveled Readers 265A  Take It to the Net 268  Lab Zone Science 265D, 268
<b>Benchmark SC.B.1.1.2: The student knows that light can pass through some objects and not others.</b>	<b>1.understands that some materials will allow light to pass and others will not.</b>	TE/SE: 282–283, 284–285, 294–295 (I)	Quick Activity Transparencies 282  FCAT Benchmark Mini-Lesson Ancillary 50	Examview 265C, 265H, 294  FCAT Science Test Prep Ancillary 63, 83  Assessment Book 61–64, 73–76	Every Student Learns 283  Below Leveled Readers 265A  On Level Readers 265A  Quick Study Ancillary 100, 101	Advanced Leveled Readers 265A  Take It to the Net 265

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.1.3:</b> <b>The student describes a model energy system (e.g., an aquarium or terrarium).</b>	<b>1.understands that models (for example, terrarium or aquarium) can be used to illustrate how energy flows through a system.</b>	TE/SE: 74, 75, 76, 78–79, 90–91, 95, 275, 360, 368 (I)	Quick Activity Transparencies 74, 78	Examview 65C, 65H, 94	Activity Flip Chart 65E  Below Leveled Readers 65A  On Level Readers 65A  Every Student Learns 77  Quick Study Ancillary 32, 33, 34, 35	Activity Flip Chart 65E  Advanced Leveled Readers 65A
	<b>2.knows how model energy systems change throughout the year (for example, collecting data and recording changes in a terrarium or aquarium that models an energy system).</b>	TE/SE: 274, 360 (I)	Related Content: Quick Activity Transparencies 74, 78	Examview 65C, 65H, 94	Below Leveled Readers 65A  On Level Readers 65A	Advanced Leveled Readers 65A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.1.4:</b> <b>The student knows that heat can be produced in many ways (e.g., by burning and rubbing).</b>	<b>1.knows different heat sources (for example, friction, solar, nuclear, electric).</b>	TE/SE: 272–273, 278–279, 294–295, 312–313 (I)	Quick Activity Transparencies 278  FCAT Benchmark Mini-Lesson Ancillary 49	Examview 265C, 265H, 294, 297C, 297H, 326  FCAT Science Test Prep Ancillary 64, 80, 82  Assessment Book 61–64, 65–68, 73–76	Below Leveled Readers 265A  On Level Readers 265A  Every Student Learns 272, 313  Quick Study Ancillary 94, 95, 98, 99, 108, 109	Advanced Leveled Readers 265A  Take It to the Net 265
<b>Benchmark SC.B.1.1.5:</b> <b>The student knows that every human action requires energy that comes from food.</b>	<b>1.uses graphic organizers to classify food groups.</b>	TE/SE: 276–277 (I)	FCAT Benchmark Mini-Lesson Ancillary 48	Examview 265C, 265H, 294  FCAT Science Test Prep Ancillary 61, 62, 64, 81, 111  Assessment Book 61–64, 73–76	Below Leveled Readers 265A  On Level Readers 265A  Quick Study Ancillary 96, 97	Advanced Leveled Readers 265A  Take It to the Net 265

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
(continued)	2. understands the relationship of food to the need for energy for daily activities.	TE/SE: 276–277, 294 (I)	FCAT Benchmark Mini-Lesson Ancillary 48	Examview 265C, 265H, 294  FCAT Science Test Prep Ancillary 61, 62, 64, 81, 111  Assessment Book 61–64, 73–76	Below Leveled Readers 265A  On Level Readers 265A  Quick Study Ancillary 96, 97	Advanced Leveled Readers 265A  Take It to the Net 265

**STANDARD 2: The student understands the interaction of matter and energy.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.2.1.1: The student recognizes systems of matter and energy.</b>	<b>1. understands ways energy and matter interact (for example, sunlight to affect plant growth, heat to boil water).</b>	TE/SE: 252–253, 254–255, 256–257, 272–273, 274–275, 276–277, 278–279, 280–281, 282–283, 284–285, 286–287, 288–289, 290–291, 292–293, 294–295 (I)	Quick Activity Transparencies 274, 278, 286  FCAT Benchmark Mini-Lesson Ancillary 51	Examview 233C, 233H, 260, 265C, 265H, 294  FCAT Science Test Prep Ancillary 62, 64  Assessment Book 61–64, 73–76  Quick Study Ancillary 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103	Activity Flip Chart 265E  Below Leveled Readers 265A  On Level Readers 265A  Every Student Learns 253, 272, 275, 281, 287	Activity Flip Chart 265E  Advanced Leveled Readers 265A  Take It to the Net 233

**STRAND C: Force and Motion**

**STANDARD 1:**The student understands that types of motion may be described, measured, and predicted.

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.1.1.1:</b> <b>The student understands that different things move at different speeds.</b>	<b>1. knows that objects exhibit different kinds of motion (for example, straight, circular, back and forth).</b>	TE/SE: 302–305, 306–307, 326–327 (I)	Quick Activity Transparencies 302  FCAT Benchmark Mini-Lesson Ancillary 54	Examview 297C, 297H, 326  FCAT Science Test Prep Ancillary 67, 72, 80  Assessment Book 65–68	Activity Flip Chart 297E  Below Leveled Readers 297A  On Level Readers 297A  Every Student Learns 304  Quick Study Ancillary 104, 105	Activity Flip Chart 297E  Advanced Leveled Readers 297A  Take It to the Net 297

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.1.1.2:</b> <b>The student knows that there is a relationship between force and motion.</b>	<b>1. knows that the amount and direction of the force exerted on an object (for example, push, pull, friction, gravity) determines how much the object will move.</b>	TE/SE: 304–305, 306–307, 310–311, 312–313, 326–327 (I)	Quick Activity Transparencies 310  FCAT Benchmark Mini-Lesson Ancillary 52, 53, 55	Examview 297C, 297H, 326  FCAT Science Test Prep Ancillary 67, 68, 69, 70, 71, 83, 112  Assessment Book 65–68, 73–76	Activity Flip Chart 297E  Below Leveled Readers 297A  On Level Readers 297A  Every Student Learns 304, 313  Quick Study Ancillary 104, 105, 108, 109	Activity Flip Chart 297E  Advanced Leveled Readers 297A  Take It to the Net 297

**STANDARD 2: The student understands that the types of force that act on an object and the effect of that force can be described, measured, and predicted.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.2.1.1:</b> <b>The student knows that one way to change how something is moving is to give it a push or a pull.</b>	<b>1. knows that objects may be moved by being pushed and pulled with magnets.</b>	TE/SE: 318–319, 320–321, 322–323, 326 (I)	Quick Activity Transparencies 318  FCAT Benchmark Mini-Lesson Ancillary 56	Examview 297C, 297H, 326  FCAT Science Test Prep Ancillary 66, 69, 70, 84, 112  Assessment Book 65–68, 73–76	Activity Flip Chart 297E  Lab Zone Science 297D, 300, 322  Below Leveled Readers 297A  On Level Readers 297A  Every Student Learns 319  Quick Study Ancillary 112, 113	Activity Flip Chart 297E  Advanced Leveled Readers 297A  Take It to the Net 297, 300, 322  Lab Zone Science 297D, 300, 322
	<b>2. compares the amount of pushing and pulling required to move objects of various sizes across the floor.</b>	TE/SE: 300, 303–305, 310–311 (I)	Workbook 121	Examview 297C, 297H, 326	Lab Zone Science 300  Below Leveled Readers 297A  On Level Readers 297A  Every Student Learns 304	Advanced Leveled Readers 297A  Take It to the Net 300  Lab Zone Science 300

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.2.1.2:</b> <b>The student knows that sound is caused by vibrations (pushing and pulling) to cause waves.</b>	<b>1. demonstrates that some vibrations may be heard.</b>	TE/SE: 332, 334–337, 346–347, 348–349, 350–351 (I)	Quick Activity Transparencies 334	Examview 329C, 329H, 350  FCAT Science Test Prep Ancillary 73, 78, 81, 113, 114  Assessment Book 69–72, 73–76	Lab Zone Science 329D, 332  Below Leveled Readers 329A  On Level Readers 329A  Every Student Learns 336  Quick Study Ancillary 114, 115	Advanced Leveled Readers 329A  Take It to the Net 332  Lab Zone Science 329D, 332
	<b>2. understands that sound travels differently through different media (for example, wood, water, air).</b>	TE/SE: 340–341, 350–351 (I)	Quick Activity Transparencies 340  FCAT Benchmark Mini-Lesson Ancillary 58, 59, 61	Examview 329C, 329H, 350  FCAT Science Test Prep Ancillary 77  Assessment Book 69–72, 73–76	Below Leveled Readers 329A  On Level Readers 329A  Every Student Learns 341  Quick Study Ancillary 118, 119	Advanced Leveled Readers 329A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>3. knows that properties of sound such as pitch and loudness can be altered by changing the properties of the sound source.</b>	TE/SE: 336–337, 338–339, 346–347, 350–351 (I)	Quick Activity Transparencies 338	Examview 329C, 329H, 350  FCAT Science Test Prep Ancillary 74, 75, 76  Assessment Book 69–72, 73–76	Lab Zone Science 329D, 346  Below Leveled Readers 329A  On Level Readers 329A  Every Student Learns 336  Quick Study Ancillary 114, 115	Advanced Leveled Readers 329A  Take It to the Net 346  Lab Zone Science 329D, 332

**STRAND D: Processes that Shape the Earth**

**STANDARD 1: The student recognizes that processes in the lithosphere, atmosphere, hydrosphere, and biosphere interact to shape the Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.1.1: The student recognizes that the solid materials making up the Earth come in all sizes, from boulders to grains of sand.</b>	<b>1.extends and refines knowledge that the surface of the Earth is composed of different types of solid materials that come in all sizes.</b>	TE/SE: 146–147, 148–149, 164 (I)	Quick Activity Transparencies 146  FCAT Benchmark Mini-Lesson Ancillary 28, 30	Examview 137C, 137H, 164  FCAT Science Test Prep Ancillary 31, 32, 33, 34, 49, 50, 107  Assessment Book 31–34, 43–46	Below Leveled Readers 137A  On Level Readers 137A  Every Student Learns 147  Quick Study Ancillary 56, 57	Advanced Leveled Readers 137A  Take It to the Net 137
<b>Benchmark SC.D.1.1.2: The student knows that life occurs on or near the surface of the Earth in land, air, and water.</b>	<b>1.compares the characteristics of things that live on land, in the water, and in the air.</b>	TE/SE: 40–41, 42–43, 44–45, 46–47, 48–49, 50–51, 52–53, 54–55, 58–59, 60–61, 62–63 (I)	Quick Activity Transparencies 108	Examview 33C, 33H, 60  FCAT Science Test Prep Ancillary 44  Assessment Book 35–38, 43–46	Below Leveled Readers 33A, 97A  On Level Readers 33A, 97A  Every Student Learns 109  Quick Study Ancillary 16, 17	Advanced Leveled Readers 33A, 97A

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2.knows that some organisms have adaptations that enable them to move from one medium to another (for example, dragonflies begin life in water, move to land, and then fly in the air).</b>	TE/SE: 50–51, 60, 62-63, 108–109 (I)	Quick Activity Transparencies 108  FCAT Benchmark Mini-Lesson Ancillary 2, 21	Examview 97C, 97H, 126  Assessment Book 35–38, 43–46	Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 109  Quick Study Ancillary 42, 43	Advanced Leveled Readers 97A
<b>Benchmark SC.D.1.1.3: The student recognizes patterns in weather.</b>	<b>1.knows that weather conditions occur in patterns over time.</b>	TE/SE: 174–177, 180–181, 182–183, 184–185, 186–187, 194–195, 196–197, 198–199 (I)	Quick Activity Transparencies 174, 180, 182, 184, 186  FCAT Benchmark Mini-Lesson Ancillary 32, 34, 35, 38	Examview 169C, 169H, 198  FCAT Science Test Prep Ancillary 37, 38, 41, 42, 51, 52, 108, 109  Assessment Book 35–38, 43–46	Below Leveled Readers 169A  On Level Readers 169A  Every Student Learns 177, 181, 183, 185, 187  Quick Study Ancillary 64, 65, 68, 69, 70, 71, 72, 73, 74, 75	Advanced Leveled Readers 169A  Take It to the Net 169

**STANDARD 2: The student understands the need for protection of the natural systems on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.2.1.1: The student understands that people influence the quality of life of those around them.</b>	<b>1.knows ways that human activity affects the environment (for example, land fills for disposal of wastes, land development for homes and industry, dams to control rivers or generate electricity).</b>	TE/SE: 154–157, 158–159, 164–165, 398–401 (I)	Quick Activity Transparencies 154, 398, 402  FCAT Benchmark Mini-Lesson Ancillary 68, 72	Examview 137C, 137H, 164, 393C, 393H, 414  FCAT Science Test Prep Ancillary 35, 49, 93  Assessment Book 31–34, 43–46, 91–94, 95–98	Activity Flip Chart 137E  Below Leveled Readers 137A, 393A  On Level Readers 137A, 393A  Every Student Learns 157, 400, 403  Quick Study Ancillary 62, 63, 136, 137, 138, 139	Activity Flip Chart 137E  Advanced Leveled Readers 137A, 393A  Take It to the Net 137, 393

\*Indepth/Mentioned

**STRAND E: Earth and Space**

**STANDARD 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.1.1.1: The student knows that the light reflected by the Moon looks a little different every day but looks the same again about every 28 days.</b>	<b>1.knows that the Moon moves around the Earth, the Earth moves around the Sun, and the Moon is visible when it reflects the light from the Sun.</b>	TE/SE: 374–375, 378–379, 380–381, 388–389 (I)	Quick Activity Transparencies 374, 380  FCAT Benchmark Mini-Lesson Ancillary 66	Examview 361C, 361H, 388  FCAT Science Test Prep Ancillary 80, 82, 83, 88, 98, 99, 114  Assessment Book 87–90, 95–98	Below Leveled Readers 361A  On Level Readers 361A  Every Student Learns 375  Quick Study Ancillary 128, 129, 132, 133	Advanced Leveled Readers 361A  Take It to the Net 361
<b>Benchmark SC.E.1.1.2: The student knows that the appearance of sunrise and sunset is due to the rotation of Earth every 24 hours.</b>	<b>1.knows that each time the Earth completes one rotation, one day has passed and that this takes 24 hours.</b>	TE/SE: 364, 370–371, 372–373, 388–389 (I)	Quick Activity Transparencies 370  FCAT Benchmark Mini-Lesson Ancillary 63	Examview 361C, 361H, 388  FCAT Science Test Prep Ancillary 65, 80, 81, 84, 85, 87, 97, 102, 115  Assessment Book 87–90, 95–98	Below Leveled Readers 361A  On Level Readers 361A  Every Student Learns 372  Quick Study Ancillary 126, 127	Advanced Leveled Readers 361A  Take It to the Net 361

\*Indepth/Mentioned

**STANDARD 2: The student recognizes the vastness of the universe and the Earth's place in it.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.2.1.1: The student knows that there are many objects in the sky that are only visible at night.</b>	<b>1.knows that stars and planets are always in the sky.</b>	TE/SE: 376–377, 382–383, 384–385, 388–389, 392 (I)	Quick Activity Transparencies 376, 382  FCAT Benchmark Mini-Lesson Ancillary 62, 65, 67	Examview 361C, 361H, 388  FCAT Science Test Prep Ancillary 79, 80, 82, 83, 84, 85, 87, 88, 89, 90, 97, 98, 99, 100  Assessment Book 87–90, 95–98	Activity Flip Chart 361E  Lab Zone Science 361D, 384  Below Leveled Readers 361A  On Level Readers 361A  Every Student Learns 383  Quick Study Ancillary 130, 131, 134, 135	Activity Flip Chart 361E  Advanced Leveled Readers 361A  Take It to the Net 361, 384  Lab Zone Science 361D, 384

\*Indepth/Mentioned

**STRAND F: Processes of Life**

**STANDARD 1: The student describes patterns of structure and function in living things.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.1.1:</b> The student knows the basic needs of all living things.	1.understands that the amount of food, water, space, and shelter needed is dependent on the size and kind of living things.	TE/SE: 6–9, 16–17, 18–19, 20–21, 22–23, 24–25, 26–27, 30–31, 42–43, 44–45, 46–47, 48–49, 50–51, 52–53, 54–55, 60–61, 62–63, 70–73, 94–95 (I)	Quick Activity Transparencies 6, 20, 70, 72  FCAT Benchmark Mini-Lesson Ancillary 15	Examview 1C, 1H, 30, 65C, 65H, 94  Assessment Book 1–4, 9–12	Below Leveled Readers 1A, 65A  On Level Readers 1A, 65A  Every Student Learns 9, 21, 73  Quick Study Ancillary 2, 3, 10, 11, 30, 31	Advanced Leveled Readers 1A, 65A  Take It to the Net 65
<b>Benchmark SC.F.1.1.2:</b> The student knows how to apply knowledge about life processes to distinguish between living and nonliving things.	1.understands that living things can reproduce, and nonliving things cannot reproduce.	TE/SE: 102–107, 108–109, 110–111, 116–117, 118–119, 122–123, 127 (I)	Quick Activity Transparencies 102, 116  FCAT Benchmark Mini-Lesson Ancillary 39	Examview 97C, 97H, 126  FCAT Science Test Prep Ancillary 19, 34, 43, 45, 108, 110  Assessment Book 13–16	Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 105, 107, 117  Quick Study Ancillary 40, 41, 50, 51	Advanced Leveled Readers 97A  Take It to the Net 97

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.1.3:</b> <b>The student describes how organisms change as they grow and mature.</b>	<b>1.knows some factors that influence the growth of living things (for example, amount of water, amount of light, amount and type of food, type of soil).</b>	TE/SE: 4, 7, 16–17, 18–19, 20–21, 22–23, 24–25, 26–27, 30–31, 68, 70–73, 74–75, 78–79, 94, 114–115, 122–123, 148–149 (I)	Quick Activity Transparencies 114	Examview 97C, 97H, 126  FCAT Science Test Prep Ancillary 30  Assessment Book 13–16	Activity Flip Chart 97E  Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 115  Quick Study Ancillary 48, 49	Activity Flip Chart 97E  Advanced Leveled Readers 97A
<b>Benchmark SC.F.1.1.4:</b> <b>The student understands that structures of living things are adapted to their function in specific environments.</b>	<b>1.understands that structures of living things are adapted to their function in specific environments.</b>	TE/SE: 8–9, 16–17, 18–19, 20–21, 22–23, 24–25, 30–31, 42–43, 44–45, 46–47, 48–49, 50–51, 52–53, 54–55, 56–57, 60–61, 130, 131 (I)	Quick Activity Transparencies 16, 20, 22, 24, 42, 44, 46, 52  FCAT Benchmark Mini-Lesson Ancillary 5, 6, 9, 13, 40	Examview 1C, 1H, 30, 33C, 33H, 60  FCAT Science Test Prep Ancillary 2, 4, 8, 9, 10, 11, 19, 25, 26, 27, 45, 47, 103, 104, 109  Assessment Book 1–4, 5–8, 17–20	Activity Flip Chart 1E, 33E  Below Leveled Readers 1A, 33A  On Level Readers 1A, 33A  Every Student Learns 19, 21, 23, 25, 43, 45, 47  Quick Study Ancillary 8, 9, 10, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 23, 28, 29	Activity Flip Chart 1E, 33E  Advanced Leveled Readers 1A, 33A  Take It to the Net 1, 33

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.1.5: The student compares and describes the structural characteristics of plants and animals.</b>	<b>1.knows some characteristics of the vertebrate groups (mammals, reptiles, birds, amphibians, fish).</b>	TE/SE: 40–41, 42–43, 44–45, 46–47, 48–49, 50–51, 58–59, 60–61 (I)	Quick Activity Transparencies 12  FCAT Benchmark Mini-Lesson Ancillary 8	Examview 1C, 1H, 30, 33C, 33H, 60  FCAT Science Test Prep Ancillary 6, 7, 8, 9, 11, 12, 23, 47, 48, 53, 54, 104  Assessment Book 1–4, 5–8	Activity Flip Chart 33E  Below Leveled Readers 1A, 33A  On Level Readers 1A, 33A  Every Student Learns 41, 43, 45, 47, 49, 51  Quick Study Ancillary 6, 7, 16, 17, 20, 21, 24, 25, 26, 27, 28, 29	Activity Flip Chart 33E  Advanced Leveled Readers 1A, 33A
	<b>2.knows the main parts of plants (stems, leaves, roots, flowers).</b>	TE/SE: 2–3, 6, 8–9 (I)	Quick Activity Transparencies 6  FCAT Benchmark Mini-Lesson Ancillary 1	Examview 1C, 1H, 30  FCAT Science Test Prep Ancillary 1, 2, 3, 25, 117  Assessment Book 1–4, 5–8	Activity Flip Chart 1E  Below Leveled Readers 1A  On Level Readers 1A  Every Student Learns 9  Quick Study Ancillary 2, 3	Activity Flip Chart 1E  Advanced Leveled Readers 1A  Take It to the Net 1

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>3.knows that the structural characteristics of plants and animals are used to group them.</b>	TE/SE: 12–13, 14–15, 36, 38–41 (I)	Quick Activity Transparencies 12, 38  FCAT Benchmark Mini-Lesson Ancillary 3	Examview 1C, 1H, 30, 33C, 33H, 60  FCAT Science Test Prep Ancillary 26, 27  Assessment Book 1–4, 5–8	Below Leveled Readers 1A, 33A  On Level Readers 1A, 33A  Every Student Learns 41  Quick Study Ancillary 6, 7, 16, 17	Advanced Leveled Readers 1A, 33A

**STANDARD 2: The student understands the process and importance of genetic diversity.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.2.1.1: The student knows that living things have offspring that resemble their parents.</b>	<b>1.understands that plants and animals produce offspring with similar characteristics, but individual differences (for example, kittens in a litter may be colored differently).</b>	TE/SE: 106–107, 110–111, 112–113, 114–115, 116–117, 118–119, 120–121, 126–127 (I)	Quick Activity Transparencies 110, 112, 116, 118  FCAT Benchmark Mini-Lesson Ancillary 23	Examview 97C, 97H, 126  FCAT Science Test Prep Ancillary 22, 23, 106  Assessment Book 13–16, 17–20	Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 107, 111, 113, 117, 119, 121  Quick Study Ancillary 40, 41, 44, 45, 46, 47, 50, 51, 52, 53	Advanced Leveled Readers 97A  Take It to the Net 93

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.2.1.2: The student knows that there are many different kinds of living things that live in a variety of environments.</b>	<b>1.knows that plants and animals are adapted to different ranges of temperature and moisture.</b>	TE/SE: 16–17, 18–19, 20–21, 22–23, 24–25, 30–31, 42–43, 44–45, 46–47, 48–49, 50–51, 52–53, 61, 62–63 (I)	Quick Activity Transparencies 16, 20, 22, 24, 48, 50  FCAT Benchmark Mini-Lesson Ancillary 7, 12, 37	Examview 1C, 1H, 30, 33C, 33H, 60  FCAT Science Test Prep Ancillary 4, 41  Assessment Book 1–4, 5–8, 17–20	Activity Flip Chart 1E  Below Leveled Readers 1A, 33A  On Level Readers 1A, 33A  Every Student Learns 19, 21, 23, 25, 49, 51  Quick Study Ancillary 8, 9, 10, 11, 12, 13, 14, 15, 24, 25, 26, 27	Activity Flip Chart 1E  Advanced Leveled Readers 1A, 33A  Take It to the Net 1, 33

**STRAND G: How Living Things Interact with Their Environments.**

**STANDARD 1: The student understands the competitive, interdependent, cyclic nature of living things in the environment.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.1.1: The student knows that environments have living and nonliving parts.</b>	<b>Content addressed in first grade. See Grade 1 correlation.</b>	Benchmark SG.G.1.1.1 is covered in Grade 2 on these pages. TE/SE: 2–3, 99 (I)	Workbook 1, 41	Examview 1C, 1H, 30  Assessment Book 1–4	Below Leveled Readers 1A  On Level Readers 1A	Advanced Leveled Readers 1A
<b>Benchmark SC.G.1.1.2: The student knows that plants and animals are dependent upon each other for survival.</b>	<b>1.understands that there is an interdependency of plants and animals that can be shown in a food web.</b>	TE/SE: 76–77, 80–81, 82–83, 84–85, 90–91, 94–95 (I)	Quick Activity Transparencies 84  FCAT Benchmark Mini-Lesson Ancillary 11, 16, 17, 19	Examview 65C, 65H, 94  FCAT Science Test Prep Ancillary 13, 14, 15, 16, 17, 18, 28, 29, 46, 105, 106  Assessment Book 9–12, 17–20	Activity Flip Chart 65E  Lab Zone Science 65D, 90  Below Leveled Readers 65A  On Level Readers 65A  Every Student Learns 77  Quick Study Ancillary 32, 33, 34, 35, 38, 39	Activity Flip Chart 65E  Advanced Leveled Readers 65A  Take It to the Net 65, 90  Lab Zone Science 65D, 90

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.1.3:</b> <b>The student knows that there are many different plants and animals living in many different kinds of environments (e.g., hot, cold, wet, dry, sunny, and dark).</b>	<b>1.understands that living organisms need to be adapted to their environment to survive.</b>	TE/SE: 16–17, 18–19, 20–21, 22–23, 24–25, 30–31, 42–43, 44–45, 46–47, 48–49, 50–51, 52–53, 54–55, 60–61, 62–63, 130–131 (I)	Quick Activity Transparencies 16, 42, 46, 48, 50  FCAT Benchmark Mini-Lesson Ancillary 4	Examview 1C, 1H, 30, 33C, 33H, 60  FCAT Science Test Prep Ancillary 5, 25  Assessment Book 1–4, 5–8, 17–20	Activity Flip Chart 1E  Below Leveled Readers 1A, 33A  On Level Readers 1A, 33A  Every Student Learns 19, 43, 47, 49, 51  Quick Study Ancillary 8, 9, 18, 19, 22, 23, 24, 25, 26, 27	Activity Flip Chart 1E  Advanced Leveled Readers 1A, 33A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.1.4:</b> <b>The student knows that animals and plants can be associated with their environment by an examination of their structural characteristics.</b>	<b>1.knows that animals and plants can be associated with their environment by an examination of their structural characteristics (for example, physical structures are adaptations that allow plants and animals to survive, such as gills in fish, lungs in mammals).</b>	TE/SE: 8–9, 12–13, 14–15, 18–19, 23, 40–41, 42–43, 44–45, 46–47, 48–49, 50–51, 52–53, 54–55, 56–57, 60–61, 132–133 (I)	Quick Activity Transparencies 42, 44  FCAT Benchmark Mini-Lesson Ancillary 10, 41	Examview 1C, 1H, 30, 33C, 33H, 60  FCAT Science Test Prep Ancillary 5, 103  Assessment Book 1–4, 5–8, 17–20	Lab Zone Science 132  Below Leveled Readers 1A, 33A  On Level Readers 1A, 33A  Every Student Learns 19, 41, 43, 45  Quick Study Ancillary 8, 9, 16, 17, 18, 19, 20, 21	Advanced Leveled Readers 1A, 33A  Take It to the Net 1, 132  Lab Zone Science 132

**STANDARD 2: The student understands the consequences of using limited natural resources.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.2.1.1: The student knows that if living things do not get food, water, shelter, and space, they will die.</b>	<b>1.knows selected resources used by people for water, food, and shelter are limited and necessary for their survival.</b>	TE/SE: 142–145, 165 (I)	Quick Activity Transparencies 142  FCAT Benchmark Mini-Lesson Ancillary 27, 29	Examview 137C, 137H, 164  FCAT Science Test Prep Ancillary 1, 32, 103  Assessment Book 31–34	Below Leveled Readers 137A  On Level Readers 137A  Every Student Learns 145  Quick Study Ancillary 54, 55	Advanced Leveled Readers 137A
<b>Benchmark SC.G.2.1.2: The student knows that the activities of humans affect plants and animals in many ways.</b>	<b>1.knows that human beings cause changes in their environment, and these changes can be positive (for example, creating refuges, replanting deforested regions, creating laws to restrict burning)or negative (for example, introducing exotic organisms, deforestation, littering, contaminating water and air).</b>	TE/SE: 64, 82–83, 154–155, 156–157, 158–159, 165, 168 (I)	Quick Activity Transparencies 82, 154  FCAT Benchmark Mini-Lesson Ancillary 31	Examview 65C, 65H, 94, 137C, 137H, 164  FCAT Science Test Prep Ancillary 17, 27, 36, 107  Assessment Book 9–12, 17–20, 31–34, 43–46	Activity Flip Chart 137E  Below Leveled Readers 137A  On Level Readers 137A  Every Student Learns 83, 157  Quick Study Ancillary 36, 37, 62, 63	Activity Flip Chart 137E  Advanced Leveled Readers 137A  Take It to the Net 137

**STRAND H: The Nature of Science**

**STANDARD 1: The student uses the scientific processes and habits of mind to solve problems.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.1:</b> The student knows that in order to learn, it is important to observe the same things often and compare them.	<b>1.knows the difference between verified observation and personal interpretation.</b>	TE/SE: 26–27, 56–57, 100, 140, 194–195, 204, 228–229, 268, 290–291, 300, 396, 410–411 (I)	Quick Activity Transparencies 174	Examview 1C, 1H, 30, 169C, 169H, 198  FCAT Science Test Prep Ancillary 91	Activity Flip Chart 297E  Lab Zone Science 1D, 26, 169D, 194, 195  Below Leveled Readers 1A, 169A  On Level Readers 1A, 169A	Activity Flip Chart 297E  Advanced Leveled Readers 1A, 169A  Take It to the Net 26, 194  Lab Zone Science 1D, 26, 169D, 194, 195
<b>Benchmark SC.H.1.1.2:</b> The student knows that when tests are repeated under the same condition, similar results are usually obtained.	<b>1.knows that when tests are repeated under the same condition, similar results are usually obtained.</b>	TE/SE: 26–27, 228–229, 236, 268, 290–291, 300, 322–323, 346–347, 396, 410–411 (I)	Lab Zone Science 1D, 26, 233D, 236  Take It to the Net 26, 236	Examview 1C, 1H, 30, 233C, 233H, 260	Lab Zone Science 1D, 26, 233D, 236  Below Leveled Readers 1A, 233A  On Level Readers 1A, 233A	Advanced Leveled Readers 1A, 233A  Take It to the Net 26, 236  Lab Zone Science 1D, 26, 233D, 236

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.3: The student knows that in doing science, it is often helpful to work with a team and to share findings with others.</b>	<b>1. participates in groups to conduct experiments and solve problems.</b>	TE/SE: 4, 26–27, 122–123, 132–133, 140, 160, 172, 194–195, 228–229, 232, 236, 256–257, 268, 290–291, 300, 322–323, 332, 356–357, 364, 384–385, 396, 410–411, 420–421 (I)	Activity Flip Chart 201E, 393E  Take It to the Net 228, 356, 393, 396, 410  Lab Zone Science 228, 356, 393D, 396, 410	Students are assessed on their ability to solve problems and share information. See Assessment Book 4, 8, 12, 16, 42, 60, 64, 68, 72	Activity Flip Chart 201E, 393E  Lab Zone Science 228, 356, 393D, 396, 410  Below Leveled Readers 393A  On Level Readers 393A	Activity Flip Chart 201E, 393E  Advanced Leveled Readers 393A  Take It to the Net 228, 356, 393, 396, 410  Lab Zone Science 228, 356, 393D, 396, 410
	<b>2. understands that one can gain confidence in scientific methods by comparing and verifying scientific results with others.</b>	TE/SE: 26–27, 100, 132–133, 140, 160, 172, 194–195, 204, 228–229, 232, 236, 256–257, 268, 290–291, 300, 322–323, 346–347, 356–357, 396, 410–411, 420–421 (I)	Activity Flip Chart 201E, 393E  Take It to the Net 228, 356, 393, 396, 410  Lab Zone Science 228, 356, 393D, 396, 410	Students are assessed on their ability to share information. See Assessment Book 4, 8, 12, 16, 42, 60, 64, 68, 72	Activity Flip Chart 201E, 393E  Lab Zone Science 228, 356, 393D, 396, 410  Below Leveled Readers 393A  On Level Readers 393A	Activity Flip Chart 201E, 393E  Advanced Leveled Readers 393A  Take It to the Net 228, 356, 393, 396, 410  Lab Zone Science 228, 356, 393D, 396, 410

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.4: The student knows that people use scientific processes including hypothesis, making inferences, and recording and communicating data when exploring the natural world.</b>	<b>1.understands that, through the use of science processes, people can solve problems and make decisions.</b>	TE/SE: 26–27, 68, 132–133, 136, 140, 160–161, 172, 194–195, 218–219, 228–229, 232, 236, 256–257, 268, 290–291, 300, 322–323, 332, 346–347, 356–357, 364, 384–385, 410–411, 420–421, 424 (I)	FCAT Benchmark Mini-Lesson Ancillary 42	Examview 303C, 303H, 414  FCAT Science Test Prep Ancillary 46, 92, 95, 101	Activity Flip Chart 137E, 169E, 201E, 265E, 329E, 361E  Lab Zone Science 1D, 4, 26, 65D, 68, 132, 137D, 160, 169D, 172, 194, 201D, 218, 228, 265D, 290, 329D, 346, 356, 361D, 364  Below Leveled Readers 1A, 65A, 137A, 169A, 201A, 265A, 329A, 361A  On Level Readers 1A, 65A, 137A, 169A, 201A, 265A, 329A, 361A	Activity Flip Chart 137E, 169E, 201E, 265E, 329E, 361E  Advanced Leveled Readers 1A, 65A, 137A, 169A, 201A, 265A, 329A, 361A  Take It to the Net 1, 4, 26, 65, 68, 132, 137, 160, 169, 172, 194, 218, 228, 265, 290, 329, 346, 356, 361, 364  Lab Zone Science 1D, 4, 26, 65D, 68, 132, 137D, 160, 169D, 172, 194, 201D, 218, 228, 265D, 290, 329D, 346, 356, 361D, 364

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2.analyzes information to make predictions, makes sketches and diagrams to explain ideas, draws conclusions using information and prior knowledge.</b>	TE/SE: 26–27, 90–91, 122–123, 132–133, 136, 140, 160–161, 172, 194–195, 204, 218–219, 228–229, 232, 236, 290–291, 332, 346–347, 356–357, 364, 384–385, 410–411, 420–421, 424 (I)	FCAT Benchmark Mini-Lesson Ancillary 42	Examview 303C, 303H, 414  FCAT Science Test Prep Ancillary 46, 92, 95, 101	Activity Flip Chart 137E, 169E, 201E, 265E, 329E, 361E  Lab Zone Science 1D, 4, 26, 65D, 68, 132, 137D, 160, 169D, 172, 194, 201D, 218, 228, 265D, 290, 329D, 346, 356, 361D, 364  Below Leveled Readers 1A, 65A, 137A, 169A, 201A, 265A, 329A, 361A  On Level Readers 1A, 65A, 137A, 169A, 201A, 265A, 329A, 361A	Activity Flip Chart 137E, 169E, 201E, 265E, 329E, 361E  Advanced Leveled Readers 1A, 65A, 137A, 169A, 201A, 265A, 329A, 361A  Take It to the Net 1, 4, 26, 65, 68, 132, 137, 160, 169, 172, 194, 218, 228, 265, 290, 329, 346, 356, 361, 364  Lab Zone Science 1D, 4, 26, 65D, 68, 132, 137D, 160, 169D, 172, 194, 201D, 218, 228, 265D, 290, 329D, 346, 356, 361D, 364

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>3.keeps science records.</b>	TE/SE: 26–27, 100, 122–123, 132–133, 160–161, 194–195, 228–229, 232, 256–257, 290–291, 300, 322–323, 346–347, 356–357, 410–411, 420–421, 424 (I)	FCAT Benchmark Mini-Lesson Ancillary 42	Examview 303C, 303H, 414  FCAT Science Test Prep Ancillary 46, 92, 95, 101	Activity Flip Chart 137E, 169E, 201E, 265E, 329E, 361E  Lab Zone Science 1D, 4, 26, 65D, 68, 132, 137D, 160, 169D, 172, 194, 201D, 218, 228, 265D, 290, 329D, 346, 356, 361D, 364  Below Leveled Readers 1A, 65A, 137A, 169A, 201A, 265A, 329A, 361A  On Level Readers 1A, 65A, 137A, 169A, 201A, 265A, 329A, 361A	Activity Flip Chart 137E, 169E, 201E, 265E, 329E, 361E  Advanced Leveled Readers 1A, 65A, 137A, 169A, 201A, 265A, 329A, 361A  Take It to the Net 1, 4, 26, 65, 68, 132, 137, 160, 169, 172, 194, 218, 228, 265, 290, 329, 346, 356, 361, 364  Lab Zone Science 1D, 4, 26, 65D, 68, 132, 137D, 160, 169D, 172, 194, 201D, 218, 228, 265D, 290, 329D, 346, 356, 361D, 364

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.1.5:</b> <b>The student uses the senses, tools, and instruments to obtain information from his or her surroundings.</b>	<b>1.uses a variety of tools to observe, measure, analyze and predict changes in size, mass, temperature, color, position, quantity, sound, and movement.</b>	TE/SE: 26–27, 68, 122–123, 140, 172, 194–195, 232, 256–257, 290–291, 300, 322–323, 332, 346–347, 420–421 (I)	Activity Flip Chart 233E, 297E	Examview 233C, 233H, 260, 297C, 297H, 326  FCAT Science Test Prep Ancillary 79	Activity Flip Chart 233E, 297E  Lab Zone Science 169D, 194, 233D, 236, 256, 297D, 322, 420  Below Leveled Readers 169A, 233A, 297A, 393A  On Level Readers 169A, 233A, 297A, 393A	Activity Flip Chart 233E, 297E  Advanced Leveled Readers 169A, 233A, 297A, 393A  Take It to the Net 194, 233, 236, 256, 297, 322, 420  Lab Zone Science 169D, 194, 233D, 236, 256, 297D, 322, 420
	<b>2.uses metric and standard English units to measure distance, volume, mass, and temperature.</b>	TE/SE: 194–195, 232, 236, 256–257, 268, 300 (I)	Quick Activity Transparencies 324	Examview 169C, 169H, 198	Lab Zone Science 169D, 194  Below Leveled Readers 169A  On Level Readers 169A	Advanced Leveled Readers 169A  Take It to the Net 194, 324  Lab Zone Science 169D, 194

**STANDARD 2: The student understands that most natural events occur in comprehensible, consistent patterns.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.2.1.1: The student knows that most natural events occur in patterns.</b>	<b>1.knows how to sort organisms, objects, and events based on patterns.</b>	TE/SE: 12–13, 14–15, 16–17, 18–19, 20–21, 22–23, 24–25, 28–29, 40–41, 42–43, 44–45, 46–47, 48–49, 50–51, 52–53, 58–59, 61, 240–241, 364 (I)	Quick Activity Transparencies 178  FCAT Benchmark Mini-Lesson Ancillary 33, 36, 67	Examview 1C, 1H, 30, 169C, 169H, 198, 233C, 233H, 260, 361C, 361H, 388  FCAT Science Test Prep Ancillary 39, 40, 41, 51, 52, 86, 108, 115  Assessment Book 35–38, 57–60, 87–90, 95–98	Activity Flip Chart 169E, 361E  Lab Zone Science 361D, 364  Below Leveled Readers 1A, 169A, 361A  On Level Readers 1A, 169A, 361A  Every Student Learns 179, 181, 183, 185, 187, 241, 372  Quick Study Ancillary 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 86, 87, 126, 127	Activity Flip Chart 169E, 361E  Advanced Leveled Readers 1A, 169A, 361A  Take It to the Net 169, 361, 364  Lab Zone Science 361D, 364

**STANDARD 3: The student understands that science, technology, and society are interwoven and interdependent.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.1.1: The student knows that scientists and technologists use a variety of tools (e.g., thermometers, magnifiers, rulers, and scales) to obtain information in more detail and to make work easier.</b>	<b>1.knows ways in which tools are used by scientists (for example, to gather information, to analyze, to calculate).</b>	TE/SE: 63, 166–167, 390–391 (I)	Quick Activity Transparencies 390  FCAT Benchmark Mini-Lesson Ancillary 69, 70, 71	Examview 137C, 137H, 164  FCAT Science Test Prep Ancillary 57, 58, 91, 92, 93, 94, 95, 96, 100, 101, 116  Assessment Book 91–94, 95–98	Activity Flip Chart 201E  Lab Zone Science 137D, 140  Below Leveled Readers 137A, 361A  On Level Readers 137A, 361A	Activity Flip Chart 201E  Advanced Leveled Readers 137A, 361A  Take It to the Net 140  Lab Zone Science 137D, 140

A Correlation of

**Scott Foresman**

# **Science**

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to the

## **Florida**

### **Sunshine State Standards**

### **Benchmarks & Grade Level Expectations**

### **Grade Three**



T/S-44A\_G3

## Introduction

This document demonstrates how **Scott Foresman Science** meets the Florida Sunshine State Standards, Benchmarks & Grade Level Expectations. **Correlation page references are to the Teacher's Edition or to the ancillary. Florida Annually Assessed Benchmarks are shaded gray.**

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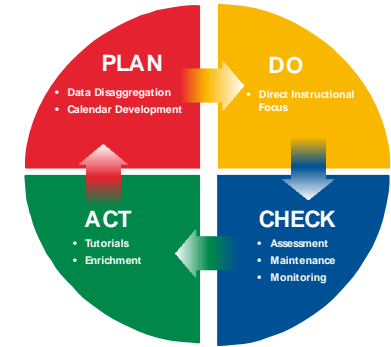
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**Scott Foresman Science  
Correlation to the  
Florida Sunshine State Standards  
Benchmarks & Grade Level Expectations  
Grade Three**



**STRAND A: The Nature of Matter**

**STANDARD 1: The student understands that all matter has observable, measurable properties.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.2.1: The student determines that the properties of materials (e.g., density and volume) can be compared and measured (e.g., using rulers, balances, and thermometers).</b>	<b>1. determines the physical properties of matter using metric measurements that incorporate tools such as rulers, thermometers, balances.</b>	TE/SE: xxix, 284–289, 290–291, 292–293, 294–295 (I)	Quick Activity Transparencies 284  FCAT Benchmark Mini-Lesson Ancillary 34	Examview 273C, 273H, 294  FCAT Science Test Prep Ancillary 32, 68, 97  Assessment Book 65–68, 85–88	Activity Flip Chart 273E  Below Leveled Readers 273A  On Level Readers 273A  Every Student Learns 285  Quick Study Ancillary 68, 69	Activity Flip Chart 273E  Advanced Leveled Readers 273A  Take It to the Net 273

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.2.2:</b> The student knows that common materials (e.g., water) can be changed from one state to another by heating and cooling.	1. understands that physical changes in the states of matter can be produced by heating and cooling.	TE/SE: 300, 304–305, 308, 318–319 (I)	FCAT Benchmark Mini-Lesson Ancillary 35	Examview 297C, 297H, 318  FCAT Science Test Prep Ancillary 33, 61, 73, 98, 101, 102  Assessment Book 69–72, 77–80, 85–88	Below Leveled Readers 297A  On Level Readers 297A  Every Student Learns 304  Quick Study Ancillary 70, 71	Advanced Leveled Readers 297A  Take It to the Net 297
<b>Benchmark SC.A.1.2.3:</b> The student knows that the weight of an object always equals the sum of its parts.	1. knows that the weight of an object is equal to the sum of the weights of its parts.	TE/SE: xxix, 284–285, 294–295 (I)	Quick Activity Transparencies 284	Examview 273C, 273H, 294	Below Leveled Readers 273A  On Level Readers 273A  Every Student Learns 285  Quick Study Ancillary 68, 69	Advanced Leveled Readers 273A  Take It to the Net 273

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.2.4:</b> The student knows that different materials are made by physically combining substances and that different objects can be made by combining different materials.	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.A.1.2.4 is covered in Grade 3 on these pages. TE/SE: 300, 306–309, 318–319 (I)	Quick Activity Transparencies 306  FCAT Benchmark Mini-Lesson Ancillary 36	Examview 297C, 297H, 318  FCAT Science Test Prep Ancillary 73, 74, 75, 76, 77, 78, 97  Assessment Book 69–72	Activity Flip Chart 297E  Below Leveled Readers 297A  On Level Readers 297A  Every Student Learns 307  Quick Study Ancillary 72, 73	Activity Flip Chart 297E  Advanced Leveled Readers 297A  Take It to the Net 297
<b>Benchmark SC.A.1.2.5:</b> The student knows that materials made by chemically combining two or more substances may have properties that differ from the original materials.	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.A.1.2.5 is covered in Grade 3 on these pages. TE/SE: 300, 310–313, 318–319 (I)	Quick Activity Transparencies 310  FCAT Benchmark Mini-Lesson Ancillary 37	Examview 297C, 297H, 318  FCAT Science Test Prep Ancillary 75, 77, 99, 136  Assessment Book 69–72, 85–88	Activity Flip Chart 297E  Below Leveled Readers 297A  On Level Readers 297A  Every Student Learns 312  Quick Study Ancillary 74, 75	Activity Flip Chart 297E  Advanced Leveled Readers 297A  Take It to the Net 297

**STANDARD 2: The student understands the basic principles of atomic theory.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.2.2.1: The student knows that materials may be made of parts too small to be seen without magnification.</b>	<b>1. uses a tool to observe and study minute details of objects (for example, hand lens).</b>	TE/SE: xxviii, xxix, 210–211, 288–289 (I)	Quick Activity Transparencies 206	Examview 193C, 193H, 214  FCAT Science Test Prep Ancillary 67, 69, 71, 102, 138  Assessment Book 65–68, 85–88	Lab Zone Science 193D, 210  Below Leveled Readers 193A, 273A  On Level Readers 193A, 273A  Quick Study Ancillary 68, 69	Advanced Leveled Readers 193A, 273A  Take It to the Net 210, 273  Lab Zone Science 193D, 210

\*Indepth/Mentioned

**STRAND B: Energy**

**STANDARD 1: The student recognizes that energy may be changed in form with varying efficiency.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.2.1:</b> The student knows how to trace the flow of energy in a system (e.g., as in an ecosystem).	<b>Content addressed at fourth and fifth grades. See Grades 4 and 5 correlations.</b>	Benchmark SC.B.1.2.1 is covered in Grade 3 on these pages. TE/SE: 106–107, 108–109, 132–133 (I)	Quick Activity Transparencies 106	Examview 97C, 97H, 132  FCAT Science Test Prep Ancillary 24, 26, 135  Assessment Book 13–16	Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 107	Advanced Leveled Readers 97A  Take It to the Net 97
<b>Benchmark SC.B.1.2.2:</b> The student recognizes various forms of energy (e.g., heat, light, and electricity).	<b>1. knows objects that emit heat and light.</b>	TE/SE: 358–361, 362–365, 366–367, 369, 370–373 (I)	Quick Activity Transparencies 358, 362, 370  FCAT Benchmark Mini-Lesson Ancillary 41, 42, 44, 45, 46	Examview 353C, 353H, 382  FCAT Science Test Prep Ancillary 31, 85, 86, 87, 88, 89, 90, 100, 137  Assessment Book 77–80, 85–88	Activity Flip Chart 353E  Below Leveled Readers 353A  On Level Readers 353A  Every Student Learns 360, 363, 373  Quick Study Ancillary 82, 83, 84, 85, 88, 89	Activity Flip Chart 353E  Advanced Leveled Readers 353A  Take It to the Net 353

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows different forms of energy (for example, heat, light, sound).</b>	TE/SE: 358–361, 362–365, 369, 370–373, 386–387, 396–399 (I)	Quick Activity Transparencies 358, 362, 370  FCAT Benchmark Mini-Lesson Ancillary 41, 42, 44, 45, 46	Examview 353C, 353H, 382  FCAT Science Test Prep Ancillary 31, 85, 86, 87, 88, 89, 90, 100, 137  Assessment Book 77–80, 85–88	Activity Flip Chart 353E  Below Leveled Readers 353A  On Level Readers 353A  Every Student Learns 360, 363, 373  Quick Study Ancillary 82, 83, 84, 85, 88, 89	Activity Flip Chart 353E  Advanced Leveled Readers 353A  Take It to the Net 353

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.2.3:</b> <b>The student knows that most things that emit light also emit heat.</b>	<b>1. knows that the Sun provides energy for the Earth in the form of heat and light.</b>	TE/SE: 70–71, 358–359, 370–371, 383, 422–427 (I)	Quick Activity Transparencies 70, 358, 370, 422	Examview 65C, 65H, 94, 353C, 353H, 382, 417C, 417H, 444  FCAT Science Test Prep Ancillary 85, 87  Assessment Book 77–80, 85–88, 99–102, 111–114	Lab Zone Science 353D, 356  Below Leveled Readers 65A, 353A, 417A  On Level Readers 65A, 353A, 417A  Every Student Learns 72, 360, 373, 424  Quick Study Ancillary 20, 21, 82, 83, 88, 89, 96, 97	Advanced Leveled Readers 65A, 353A, 417A  Take It to the Net 356  Lab Zone Science 353D, 356
<b>Benchmark SC.B.1.2.4:</b> <b>The student knows the many ways in which energy can be transformed from one type to another.</b>	<b>1. knows that heat can be produced by chemical reactions, electrical machines, and friction.</b>	TE/SE: 366–369 (I)	Quick Activity Transparencies 366  FCAT Benchmark Mini-Lesson Ancillary 43	Examview 353C, 353H, 382  FCAT Science Test Prep Ancillary 85, 86, 90, 100, 119, 120  Assessment Book 77–80, 85–88	Below Leveled Readers 353A  On Level Readers 353A  Every Student Learns 369  Quick Study Ancillary 86, 87	Advanced Leveled Readers 353A  Take It to the Net 353

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.2.5:</b> The student knows that various forms of energy (e.g., mechanical, chemical, electrical, magnetic, nuclear, and radiant) can be measured in ways that make it possible to determine the amount of energy that is transformed.	1. uses a variety of tools to measure the gain or loss of energy.	TE/SE: 378–379 (I)	Quick Activity Transparencies 374	Examview 353C, 353H, 382  Assessment Book 77–80	Activity Flip Chart 353E  Lab Zone Science 353D, 378  Below Leveled Readers 353A  On Level Readers 353A  Every Student Learns 376  Quick Study Ancillary 90, 91	Activity Flip Chart 353E  Advanced Leveled Readers 353A  Take It to the Net 353, 378  Lab Zone Science 353D, 378
<b>Benchmark SC.B.1.2.6:</b> The student knows ways that heat can move from one object to another.	1. knows that when a warmer object comes in contact with a cooler one, the warm object loses heat and the cool one gains it until they are both at the same temperature.	TE/SE: 366–369, 382–383 (I)	Quick Activity Transparencies 366	Examview 353C, 353H, 382  FCAT Science Test Prep Ancillary 87, 88, 98, 136  Assessment Book 77–80, 85–88	Below Leveled Readers 353A  On Level Readers 353A  Every Student Learns 369  Quick Study Ancillary 86, 87	Advanced Leveled Readers 353A  Take It to the Net 353

**STANDARD 2: The student understands the interaction of matter and energy.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.2.2.1: The student knows that some source of energy is needed for organisms to stay alive and grow.</b>	<b>1. knows that some source of energy is needed for organisms to stay alive and grow.</b>	TE/SE: 70–75, 90–91, 106–109 (I)	Quick Activity Transparencies 70, 106	Examview 65C, 65H, 94, 97C, 97H, 132  Assessment Book 9–12, 13–16	Activity Flip Chart 65E  Lab Zone Science 65D, 90  Below Leveled Readers 65A, 97A  On Level Readers 65A, 97A  Every Student Learns 72, 107  Quick Study Ancillary 20, 21, 30, 31	Activity Flip Chart 65E  Advanced Leveled Readers 65A, 97A  Take It to the Net 90  Lab Zone Science 65D, 90

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.2.2.2: The student recognizes the costs and risks to society and the environment posed by the use of nonrenewable energy.</b>	<b>1. knows ways natural resources are important.</b>	TE/SE: 246–249, 250–253, 262–263 (I)	Quick Activity Transparencies 246, 250  FCAT Benchmark Mini-Lesson Ancillary 30	Examview 241C, 241H, 262  FCAT Science Test Prep Ancillary 55  Assessment Book 47–50, 51–54	Below Leveled Readers 241A  On Level Readers 241A  Every Student Learns 248, 251  Quick Study Ancillary 60, 61, 62, 63	Advanced Leveled Readers 241A
	<b>2. classifies resources as renewable or nonrenewable.</b>	TE/SE: 242–243, 244, 246–249, 262–263 (I)	Quick Activity Transparencies 246  FCAT Benchmark Mini-Lesson Ancillary 30	Examview 241C, 241H, 262, 473C, 473H, 502  FCAT Science Test Prep Ancillary 39, 40, 55, 56, 57, 58, 59, 60, 63, 65, 116  Assessment Book 47–50, 51–54, 107–110, 111–114	Lab Zone Science 241D, 244  Below Leveled Readers 241A  On Level Readers 241A  Every Student Learns 248, 494  Quick Study Ancillary 60, 61, 112, 113	Advanced Leveled Readers 241A  Take It to the Net 241, 244, 473  Lab Zone Science 241D, 244

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.2.2.3:</b> The student knows that the limited supply of usable energy sources (e.g., fuels such as coal or oil) places great significance on the development of renewable energy sources.	1. knows that alternate energy sources (for example, synthetic fuels, geothermal energy) are being explored using natural and mechanical processes.	TE/SE: 494–497, 502–503 (I)	Quick Activity Transparencies 490	Examview 473C, 473H, 502  FCAT Science Test Prep Ancillary 115, 117, 126  Assessment Book 107–110, 111–114	Below Leveled Readers 473A  On Level Readers 473A  Every Student Learns 494  Quick Study Ancillary 112, 113	Advanced Leveled Readers 473A  Take It to the Net 473

**STRAND C: Force and Motion**

**STANDARD 1: The student understands that types of motion may be described, measured, and predicted.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.1.2.1: The student understands that the motion of an object can be described and measured.</b>	<b>1. describes the motion of various objects (for example, forward, circular, wave).</b>	TE/SE: 324, 325, 326–331, 348, 349, 406–407 (I)	Quick Activity Transparencies 326	Examview 321C, 321H, 348  FCAT Science Test Prep Ancillary 79, 82, 100, 101, 136  Assessment Book 73–76, 85–88	Activity Flip Chart 321E  Lab Zone Science 321D, 324  Below Leveled Readers 321A  On Level Readers 321A  Every Student Learns 331  Quick Study Ancillary 76, 77	Activity Flip Chart 321E  Advanced Leveled Readers 321A  Take It to the Net 385  Lab Zone Science 321D, 324

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.1.2.2: The student knows that waves travel at different speeds through different materials.</b>	<b>1. understands the characteristics of waves (for example, crest, trough, length).</b>	TE/SE: 364–365, 372–373, 382–383, 396–401, 404–405, 406–407 (I)	Quick Activity Transparencies 396  FCAT Benchmark Mini-Lesson Ancillary 47	Examview 353C, 353H, 382, 385C, 385H, 406  FCAT Science Test Prep Ancillary 86, 91, 92, 93, 94, 95, 96, 98, 99, 100, 138  Assessment Book 77–80, 81–84, 85–88	Activity Flip Chart 385E  Below Leveled Readers 353A, 385A  On Level Readers 353A, 385A  Every Student Learns 373, 397  Quick Study Ancillary 84, 85, 88, 89, 94, 95	Activity Flip Chart 385E  Advanced Leveled Readers 353A, 385A  Take It to the Net 385

**STANDARD 2: The student understands that the types of force that act on an object and the effect of that force can be described, measured, and predicted.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.2.2.1: The student recognizes that forces of gravity, magnetism, and electricity operate simple machines.</b>	<b>1. knows the six types of simple machines (screw, inclined plane, wedge, pulley, lever, and wheel and axle).</b>	TE/SE: 340–343, 348–349 (I)	FCAT Benchmark Mini-Lesson Ancillary 40	Examview 321C, 321H, 348  FCAT Science Test Prep Ancillary 80, 81, 82, 83, 99  Assessment Book 73–76, 85–88	Activity Flip Chart 321E  Below Leveled Readers 321A  On Level Readers 321A  Every Student Learns 342  Quick Study Ancillary 80, 81	Activity Flip Chart 321E  Advanced Leveled Readers 321A  Take It to the Net 321
<b>Benchmark SC.C.2.2.2: The student knows that an object may move in a straight line at a constant speed, speed up, slow down, or change direction dependent on net force acting on the object.</b>	<b>1. knows that an object may move in a straight line at a constant speed, speed up, slow down, or change direction dependent on net force acting on the object.</b>	TE/SE: 330–331, 332–337, 344–345, 348–349 (I)	Quick Activity Transparencies 332  FCAT Benchmark Mini-Lesson Ancillary 38	Examview 321C, 321H, 348  FCAT Science Test Prep Ancillary 79, 83  Assessment Book 73–76, 85–88	Activity Flip Chart 321E  Below Leveled Readers 321A  On Level Readers 321A  Every Student Learns 331, 335  Quick Study Ancillary 76, 77, 78, 79	Activity Flip Chart 321E  Advanced Leveled Readers 321A  Take It to the Net 321

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.2.2.3:</b> The student knows that the more massive an object is, the less effect a given force has.	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.C.2.2.3 is covered in Grade 3 on these pages. TE/SE: 332–333, 348–349 (I)	Quick Activity Transparencies 332	Examview 321C, 321H, 348  FCAT Science Test Prep Ancillary 81, 100, 137  Assessment Book 73–76, 85–88	Below Leveled Readers 321A  On Level Readers 321A  Quick Study Ancillary 78, 79	Advanced Leveled Readers 321A  Take It to the Net 321
<b>Benchmark SC.C.2.2.4:</b> The student knows that the motion of an object is determined by the overall effect of all of the forces acting on the object.	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.C.2.2.4 is covered in Grade 3 on these pages. TE/SE: 334–335, 348–349 (I)	Quick Activity Transparencies 332  FCAT Benchmark Mini-Lesson Ancillary 39	Examview 321C, 321H, 348  FCAT Science Test Prep Ancillary 42, 80, 81, 83, 84, 97  Assessment Book 73–76, 85–88	Below Leveled Readers 321A  On Level Readers 321A  Every Student Learns 335  Quick Study Ancillary 78, 79	Advanced Leveled Readers 321A  Take It to the Net 321

**STRAND D: Processes that Shape the Earth**

**STANDARD 1: The student recognizes that processes in the lithosphere, atmosphere, hydrosphere, and biosphere interact to shape the Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.2.1:</b> The student knows that larger rocks can be broken down into smaller rocks, which in turn can be broken down to combine with organic material to form soil.	<b>1. knows that smaller rocks come from the breaking and weathering of bedrock and larger rocks.</b>	TE/SE: 230–233, 234–235, 238–239 (I)	Quick Activity Transparencies 230  FCAT Benchmark Mini-Lesson Ancillary 26	Examview 193C, 193H, 214, 217C, 217H, 238  FCAT Science Test Prep Ancillary 44, 61, 62, 65, 133, 134  Assessment Book 39–42, 43–46	Below Leveled Readers 217A  On Level Readers 217A  Every Student Learns 232  Quick Study Ancillary 58, 59, 78, 79	Advanced Leveled Readers 217A  Take It to the Net 217
<b>Benchmark SC.D.1.2.2:</b> The student knows that 75 percent of the surface of the Earth is covered by water.	<b>1. knows that approximately 75 percent of the surface of the Earth is covered by water.</b>	TE/SE: 154–155, 166–167 (I)	Quick Activity Transparencies 151  FCAT Benchmark Mini-Lesson Ancillary 20	Examview 145C, 145H, 166  FCAT Science Test Prep Ancillary 31, 34  Assessment Book 31–34	Below Leveled Readers 145A  On Level Readers 145A  Quick Study Ancillary 40, 41	Advanced Leveled Readers 145A  Take It to the Net 145

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.2.3:</b> The student knows that the water cycle is influenced by temperature, pressure, and the topography of the land.	<b>1. understands the stages of the water cycle (for example, evaporation, condensation, precipitation).</b>	TE/SE: 158–161, 166–167 (I)	Quick Activity Transparencies 156  FCAT Benchmark Mini-Lesson Ancillary 21	Examview 145C, 145H, 166  FCAT Science Test Prep Ancillary 31, 32, 36, 64, 131  Assessment Book 31–34, 51–54	Below Leveled Readers 145A  On Level Readers 145A  Every Student Learns 158  Quick Study Ancillary 42, 43	Advanced Leveled Readers 145A  Take It to the Net 145
<b>Benchmark SC.D.1.2.4:</b> The student knows that the surface of the Earth is in a continuous state of change as waves, weather, and shifts of the land constantly change and produce many new features.	<b>1. understands the processes of weathering and erosion.</b>	TE/SE: 230–233, 234–235, 238–239 (I)	Quick Activity Transparencies 230  FCAT Benchmark Mini-Lesson Ancillary 29	Examview 217C, 217H, 238  FCAT Science Test Prep Ancillary 46, 50, 51, 52, 59, 65, 131, 133, 134  Assessment Book 43–46, 51–54	Activity Flip Chart 217E  Lab Zone Science 217D, 234  Below Leveled Readers 217A  On Level Readers 217A  Every Student Learns 232  Quick Study Ancillary 58, 59	Activity Flip Chart 217E  Advanced Leveled Readers 217A  Take It to the Net 217, 234  Lab Zone Science 217D, 234

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.2.5:</b> <b>The student knows that some changes in the Earth 's surface are due to slow processes and some changes are due to rapid processes.</b>	<b>1. knows that landforms change over time (for example, earthquakes, volcanoes).</b>	TE/SE: 206–207, 220, 226–229, 230–233, 234–235, 238–239 (I)	Quick Activity Transparencies 206, 226, 230  FCAT Benchmark Mini-Lesson Ancillary 27, 28	Examview 193C, 193H, 214  FCAT Science Test Prep Ancillary 43, 45, 47, 49, 50, 52, 53, 64, 131  Assessment Book 39–42, 43–46, 51–54	Activity Flip Chart 193E, 217E  Below Leveled Readers 193A, 217A  On Level Readers 193A, 217A  Every Student Learns 209, 227, 232  Quick Study Ancillary 52, 53, 56, 57, 58, 59	Activity Flip Chart 193E, 217E  Advanced Leveled Readers 193A, 217A  Take It to the Net 193, 217

**STANDARD 2: The student understands the need for protection of the natural systems on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.2.2.1: The student knows that reusing, recycling, and reducing the use of natural resources improve and protect the quality of life.</b>	<b>1. knows that reusing, recycling, and reducing the use of natural resources improve and protect the quality of life.</b>	TE/SE: 250–253, 254–257, 260–261, 262–263 (I)	Quick Activity Transparencies 250, 254  FCAT Benchmark Mini-Lesson Ancillary 31, 32	Examview 241C, 241H, 262  FCAT Science Test Prep Ancillary 44, 55, 56, 57, 58, 59, 66, 132  Assessment Book 47–50, 51–54	Activity Flip Chart 241E  Below Leveled Readers 241A  On Level Readers 241A  Every Student Learns 251, 255  Quick Study Ancillary 62, 63, 64, 65	Activity Flip Chart 241E  Advanced Leveled Readers 241A  Take It to the Net 241

\*Indepth/Mentioned

**STRAND E: Earth and Space**

**STANDARD 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<p><b>Benchmark SC.E.1.2.1: The student knows that the tilt of the Earth on its own axis as it rotates and revolves around the Sun causes changes in season, length of day, and energy available.</b></p>	<p><b>1. knows that days and nights change in length throughout the year.</b></p>	<p>TE/SE: 428–431, 442–443, 444–445 (I)</p>	<p>Quick Activity Transparencies 428</p> <p>FCAT Benchmark Mini-Lesson Ancillary 48, 49</p>	<p>Examview 417C, 417H, 444</p> <p>FCAT Science Test Prep Ancillary 103, 104, 105, 122, 123, 139, 140, 142</p> <p>Assessment Book 99–102, 111–114</p>	<p>Activity Flip Chart 417E</p> <p>Below Leveled Readers 417A</p> <p>On Level Readers 417A</p> <p>Every Student Learns 430</p> <p>Quick Study Ancillary 98, 99</p>	<p>Activity Flip Chart 417E</p> <p>Advanced Leveled Readers 417A</p> <p>Take It to the Net 417</p>

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows the patterns of average temperatures throughout the year.</b>	TE/SE: 428–431, 445 (I)	Quick Activity Transparencies 428  FCAT Benchmark Mini-Lesson Ancillary 48, 49	Examview 417C, 417H, 444  FCAT Science Test Prep Ancillary 103, 104, 105, 122, 123, 139, 140, 142  Assessment Book 99–102, 111–114	Activity Flip Chart 417E  Below Leveled Readers 417A  On Level Readers 417A  Every Student Learns 430  Quick Study Ancillary 98, 99	Activity Flip Chart 417E  Advanced Leveled Readers 417A  Take It to the Net 417
<b>Benchmark SC.E.1.2.2: The student knows that the combination of the Earth’s movement and the Moon’s own orbit around the Earth results in the appearance of cyclical phases of the Moon.</b>	<b>1. knows the frequency of the lunar cycle is approximately 28 days.</b>	TE/SE: 434–435, 444–445 (I)	Quick Activity Transparencies 432  FCAT Benchmark Mini-Lesson Ancillary 50	Examview 417C, 417H, 444  FCAT Science Test Prep Ancillary 103, 105, 106, 108, 124, 126  Assessment Book 99–102, 111–114	Below Leveled Readers 417A  On Level Readers 417A  Quick Study Ancillary 100, 101	Advanced Leveled Readers 417A  Take It to the Net 417

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.1.2.3:</b> The student knows that the Sun is a star and that its energy can be captured or concentrated to generate heat and light for work on Earth.	<b>1. knows the Sun is a star that is much nearer to the Earth than the other stars.</b>	TE/SE: 454–457, 470–471 (I)	Quick Activity Transparencies 454	Examview 449C, 449H, 470  FCAT Science Test Prep Ancillary 109  Assessment Book 99–102, 103–106, 111–114	Activity Flip Chart 449E  Below Leveled Readers 449A  On Level Readers 449A  Every Student Learns 456  Quick Study Ancillary 104, 105	Activity Flip Chart 449E  Advanced Leveled Readers 449A  Take It to the Net 449
<b>Benchmark SC.E.1.2.4:</b> The student knows that the planets differ in size, characteristics, and composition and that they orbit the Sun in our Solar System.	<b>1. knows characteristics of Mercury, Venus, Earth, and Mars.</b>	TE/SE: 458–465, 466–467, 470–471 (I)	Quick Activity Transparencies 458	Examview 449C, 449H, 470  FCAT Science Test Prep Ancillary 109, 110, 111, 112, 113, 114, 123, 124, 125, 141  Assessment Book 103–106, 111– 114	Activity Flip Chart 449E  Below Leveled Readers 449A  On Level Readers 449A  Every Student Learns 465  Quick Study Ancillary 106, 107	Activity Flip Chart 449E  Advanced Leveled Readers 449A  Take It to the Net 449

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.1.2.5:</b> <b>The student understands the arrangement of planets in our Solar System.</b>	<b>1. knows the relative positions of all the planets</b>	TE/SE: 456–457, 470–471 (I)	Quick Activity Transparencies 455  FCAT Benchmark Mini-Lesson Ancillary 52, 53	Examview 449C, 449H, 470  FCAT Science Test Prep Ancillary 109, 111, 125  Assessment Book 103–106, 111–114	Activity Flip Chart 449E  Below Leveled Readers 449A  On Level Readers 449A  Every Student Learns 456  Quick Study Ancillary 104, 105	Activity Flip Chart 449E  Advanced Leveled Readers 449A  Take It to the Net 449

**STANDARD 2: The student recognizes the vastness of the universe and the Earth’s place in it.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.2.2.1: The student knows that, in addition to the Sun, there are many other stars that are far away.</b>	<b>1. knows that, in addition to the Sun, there are many other stars that are far away.</b>	TE/SE: 454–457, 470 (I)	Quick Activity Transparencies 454  FCAT Benchmark Mini-Lesson Ancillary 51	Examview 449C, 449H, 470  FCAT Science Test Prep Ancillary 104, 107, 112, 121, 141  Assessment Book 103–106, 111–114	Below Leveled Readers 449A  On Level Readers 449A  Every Student Learns 456  Quick Study Ancillary 104, 105	Advanced Leveled Readers 449A  Take It to the Net 449

\*Indepth/Mentioned

**STRAND F: Processes of Life**

**STANDARD 1: The student describes patterns of structure and function in living things.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.2.1: The student knows that the human body is made of systems with structures and functions that are related.</b>	<b>Content addressed at fourth and fifth grades. See Grades 4 and 5 correlations.</b>	Benchmark SC.F.1.2.1 is covered in Grade 3 on these pages. TE/SE: 123, 124–127, 133 (I)	Quick Activity Transparencies 124  FCAT Benchmark Mini-Lesson Ancillary 18	Examview 97C, 97H, 132  FCAT Science Test Prep Ancillary 20, 22, 23, 30, 128, 130, 135	Activity Flip Chart 97E  Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 127  Quick Study Ancillary 36, 37, 38, 39	Activity Flip Chart 97E  Advanced Leveled Readers 97A

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.2.2:</b> <b>The student knows how all animals depend on plants.</b>	<b>1. understands the various ways that animals depend on plants for survival (for example, food, shelter, oxygen).</b>	TE/SE: 72–75, 104–105 (I)	Quick Activity Transparencies 71, 104	Examview 64C, 64H, 94, 97C, 97H, 132  FCAT Science Test Prep Ancillary 11, 23  Assessment Book 9–12, 13–16, 17–20	Activity Flip Chart 65E  Lab Zone Science 145D, 148  Below Leveled Readers 65A, 97A  On Level Readers 65A, 97A  Every Student Learns 72, 105  Quick Study Ancillary 20, 21, 28, 29	Activity Flip Chart 65E  Advanced Leveled Readers 65A, 97A  Take It to the Net 148  Lab Zone Science 145D, 148

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.2.3:</b> <b>The student knows that living things are different but share similar structures.</b>	<b>1. knows the common and distinguishing characteristics of groups of vertebrate animals (mammals, birds, fish, reptiles, amphibians).</b>	TE/SE: 36, 40–43, 62, 63 (I)	Quick Activity Transparencies 38  FCAT Benchmark Mini-Lesson Ancillary 6, 7	Examview 33C, 33H, 62  FCAT Science Test Prep Ancillary 8, 10, 11, 26, 129  Assessment Book 17–20	Lab Zone Science 33D, 36  Below Leveled Readers 33A  On Level Readers 33A  Every Student Learns 40  Quick Study Ancillary 12, 13	Advanced Leveled Readers 33A  Take It to the Net 36  Lab Zone Science 33D, 36
	<b>2. understands similarities and differences among plants.</b>	TE/SE: 4, 7, 14–17, 26–27, 30–31 (I)	Quick Activity Transparencies 14	Examview 1C, 1H, 30  FCAT Science Test Prep Ancillary 1, 2, 4, 5, 25  Assessment Book 1–4, 5–8	Activity Flip Chart 1E  Lab Zone Science 1D, 4, 26  Below Leveled Readers 1A  On Level Readers 1A  Every Student Learns 17  Quick Study Ancillary 6, 7	Activity Flip Chart 1E  Advanced Leveled Readers 1A  Take It to the Net 4, 26  Lab Zone Science 1D, 4, 26

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>3. understands that although plants and animals are different, they also share common characteristics (for example, they both have structures for reproduction, respiration, and growth).</b>	TE/SE: 5, 6–7, 31 (I)	Quick Activity Transparencies 6  FCAT Benchmark Mini-Lesson Ancillary 1, 2, 3	Examview 1C, 1H, 30  FCAT Science Test Prep Ancillary 1, 3, 9  Assessment Book 1–4, 5–8	Below Leveled Readers 1A  On Level Readers 1A  Every Student Learns 9  Quick Study Ancillary 2, 3	Advanced Leveled Readers 1A
<b>Benchmark SC.F.1.2.4: The student knows that similar cells form different kinds of structures.</b>	<b>Content addressed at fourth and fifth grades. See Grades 4 and 5 correlations.</b>	Benchmark SC.F.1.2.4 is partially covered in Grade 3 on these pages. TE/SE: Related content 20–21, 44–47, 62–63 (M)	Related Content Quick Activity Transparencies 18	Related Content Examview 1C, 1H, 30	Related Content Below Leveled Readers 1A, 33A  On Level Readers 1A, 33A  Every Student Learns 46  Quick Study Ancillary 8, 9, 14, 15	Related Content Advanced Leveled Readers 1A, 33A  Take It to the Net 33

**STANDARD 2: The student understands the process and importance of genetic diversity.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.2.2.1: The student knows that many characteristics of an organism are inherited from the parents of the organism, but that other characteristics are learned from an individual's interactions with the environment.</b>	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.F.2.2.1 is covered in Grade 3 on these pages. TE/SE: 52–53, 62–63 (I)	Workbook 17, 18	Examview 33C, 33H, 62  FCAT Science Test Prep Ancillary 7, 26, 130  Assessment Book 5–8	Activity Flip Chart 33E  Below Leveled Readers 33A  On Level Readers 33A  Quick Study Ancillary 16, 17	Activity Flip Chart 33E  Advanced Leveled Readers 33A  Take It to the Net 33

**STRAND G: How Living Things Interact with Their Environments.**

**STANDARD 1: The student understands the competitive, interdependent, cyclic nature of living things in the environment.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.2.1: The student knows ways that plants, animals, and protists interact.</b>	<b>Content addressed at fourth and fifth grades. See Grades 4 and 5 correlations.</b>	Benchmark SC.G.1.2.1 is covered in Grade 3 on these pages. TE/SE: 103–105, 106–109, 110–113, 118–119, 128–129, 132–133 (I)	Quick Activity Transparencies 114  FCAT Benchmark Mini-Lesson Ancillary 14, 15	Examview 97C, 97H, 132  FCAT Science Test Prep Ancillary 2, 17, 19, 24, 25, 27, 129, 130  Assessment Book 9–12, 13–16, 17–20	Activity Flip Chart 97E  Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 115  Quick Study Ancillary 34, 35	Activity Flip Chart 97E  Advanced Leveled Readers 97A  Take It to the Net 97

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.2.2:</b> <b>The student knows that living things compete in a climatic region with other living things and that structural adaptations make them fit for an environment.</b>	<b>1. knows how organisms with similar needs in a climatic region compete with one another for resources such as food, water, oxygen, or space.</b>	TE/SE: 110–113, 128–129, 132–133 (I)	Quick Activity Transparencies 110  FCAT Benchmark Mini-Lesson Ancillary 11, 12, 13, 16	Examview 97C, 97H, 132  FCAT Science Test Prep Ancillary 20  Assessment Book 13–16, 17–20	Activity Flip Chart 97E  Lab Zone Science 97D, 128  Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 111  Quick Study Ancillary 32, 33	Activity Flip Chart 97E  Advanced Leveled Readers 97A  Take It to the Net 128  Lab Zone Science 97D, 128

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows behavioral and structural adaptations that allow plants and animals to survive in an environment.</b>	TE/SE: 8–9, 10–13, 14–17, 18–21, 30–31, 48–53, 100 (I)	Quick Activity Transparencies 6, 10, 18, 48  FCAT Benchmark Mini-Lesson Ancillary 4, 8, 19	Examview 1C, 1H, 30, 33C, 33H, 62  FCAT Science Test Prep Ancillary 8, 10, 13, 14, 16, 29, 127  Assessment Book 1–4, 5–8	Lab Zone Science 97D, 100  Below Leveled Readers 1A, 33A  On Level Readers 1A, 33A  Every Student Learns 9, 11, 17, 19, 51  Quick Study Ancillary 2, 3, 4, 5, 8, 9, 16, 17	Advanced Leveled Readers 1A, 33A  Take It to the Net 100  Lab Zone Science 97D, 100
<b>Benchmark SC.G.1.2.3: The student knows that green plants use carbon dioxide, water, and sunlight energy to turn minerals and nutrients into food for growth, maintenance, and reproduction.</b>	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.G.1.2.3 is covered in Grade 3 on these pages. TE/SE: 7–9, 12–13, 30–31 (I)	Quick Activity Transparencies 6	Examview 1C, 1H, 30  Assessment Book 1–4, 17–20	Below Leveled Readers 1A  On Level Readers 1A  Every Student Learns 9  Quick Study Ancillary 6, 7	Advanced Leveled Readers 1A  Take It to the Net 1

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.2.4:</b> The student knows that some organisms decompose dead plants and animals into simple minerals and nutrients for use by living things and thereby recycle matter.	<b>Content addressed at fourth grade. See Grade 4 correlation.</b>	Benchmark SC.G.1.2.4 is covered in Grade 3 on these pages. TE/SE: 114–119 (I)	Quick Activity Transparencies 114	Examview 97C, 97H, 132  FCAT Science Test Prep Ancillary 29, 45, 46  Assessment Book 17–20	Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 115  Quick Study Ancillary 48, 49	Advanced Leveled Readers 97A
<b>Benchmark SC.G.1.2.5:</b> The student knows that animals eat plants or other animals to acquire the energy they need for survival.	<b>1. understands that energy is transferred to living organisms through the food they eat.</b>	TE/SE: 106–109, 132–133 (I)	Quick Activity Transparencies 106	Examview 97C, 97H, 132  FCAT Science Test Prep Ancillary 19, 28, 128  Assessment Book 13–16, 17–20	Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 107  Quick Study Ancillary 30, 31	Advanced Leveled Readers 97A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows examples of living things that are classified as producers, consumers, carnivores, herbivores, and omnivores.</b>	TE/SE: 106–109, 132–133 (I)	Quick Activity Transparencies 106	Examview 97C, 97H, 132  FCAT Science Test Prep Ancillary 19, 28, 128  Assessment Book 13–16, 17–20	Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 107  Quick Study Ancillary 30, 31	Advanced Leveled Readers 97A
<b>Benchmark SC.G.1.2.6: The student knows that organisms are growing, dying, and decaying and that new organisms are being produced from the materials of dead organisms.</b>	<b>Content addressed at fourth grade. See Grade 4 correlation.</b>	Benchmark SC.G.1.2.6 is covered in Grade 3 on these pages. TE/SE: 114–119, 132–133 (I)	Quick Activity Transparencies 114, 116, 118	Examview 97C, 97H, 132  FCAT Science Test Prep Ancillary 21  Assessment Book 13–16, 17–20	Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 115  Quick Study Ancillary 34, 35	Advanced Leveled Readers 97A  Take It to the Net 97

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.2.7: The student knows that variations in light, water, temperature, and soil content are largely responsible for the existence of different kinds of organisms and population densities in an ecosystem.</b>	<b>Content addressed at fourth grade. See Grade 4 correlation.</b>	Benchmark SC.G. 1.2.7 is covered in Grade 3 on these pages. TE/SE: 68, 70–75, 94–95 (I)	Quick Activity Transparencies 70  FCAT Benchmark Mini-Lesson Ancillary 9	Examview 65C, 65H, 94  FCAT Science Test Prep Ancillary 13, 16, 18  Assessment Book 9–12	Activity Flip Chart 65E  Lab Zone Science 65D, 68  Below Leveled Readers 65A  On Level Readers 65A  Every Student Learns 72  Quick Study Ancillary 20, 21	Activity Flip Chart 65E  Advanced Leveled Readers 65A  Take It to the Net 65, 68  Lab Zone Science 65D, 68

**STANDARD 2: The student understands the consequences of using limited natural resources.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.2.2.1: The student knows that all living things must compete for Earth's limited resources; organisms best adapted to compete for the available resources will be successful and pass their adaptations (traits) to their offspring.</b>	<b>1. understands that plants and animals share and compete for limited resources such as oxygen, water, food, and space.</b>	TE/SE: 110–113, 132–133 (I)	Quick Activity Transparencies 110  FCAT Benchmark Mini-Lesson Ancillary 5	Examview 97C, 97H, 132  FCAT Science Test Prep Ancillary 4, 13, 129  Assessment Book 13–16, 17–20	Activity Flip Chart 97E  Below Leveled Readers 97A  On Level Readers 97A  Every Student Learns 111  Quick Study Ancillary 32, 33	Activity Flip Chart 97E  Advanced Leveled Readers 97A  Take It to the Net 97
<b>Benchmark SC.G.2.2.2: The student knows that the size of a population is dependent upon the available resources within its community.</b>	<b>1. knows that the size of a population is dependent upon the available resources within its community.</b>	TE/SE: 74–75, 128–129 (I)	FCAT Benchmark Mini-Lesson Ancillary 10	Examview 65C, 65H, 94, 97C, 97H, 132  FCAT Science Test Prep Ancillary 15, 20, 127  Assessment Book 9–12, 17–20	Activity Flip Chart 65E, 97E  Lab Zone Science 97D, 128  Below Leveled Readers 65A, 97A  On Level Readers 65A, 97A  Quick Study Ancillary 20, 21	Activity Flip Chart 65E, 97E  Advanced Leveled Readers 65A, 97A  Take It to the Net 128  Lab Zone Science 97D, 128

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.2.2.3: The student understands that changes in the habitat of an organism may be beneficial or harmful.</b>	<b>Content addressed at fourth grade. See Grade 4 correlation.</b>	Benchmark SC.G.2.2.3 is covered in Grade 3 on these pages. TE/SE: 56–57, 63, 114–119, 133 (I)	Quick Activity Transparencies 114, 116, 118	Examview 33C, 33H, 62, 97C, 97H, 132  FCAT Science Test Prep Ancillary, 12, 21, 27  Assessment Book 5–8, 13–16, 17–20	Activity Flip Chart 97E  Below Leveled Readers 33A, 97A  On Level Readers 33A, 97A  Every Student Learns 56, 115  Quick Study Ancillary 18, 19, 34, 35	Activity Flip Chart 97E  Advanced Leveled Readers 33A, 97A  Take It to the Net 33

**STRAND H: The Nature of Science**

**STANDARD 1: The student uses the scientific processes and habits of mind to solve problems.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.2.1:</b> The student knows that it is important to keep accurate records and descriptions to provide information and clues on causes of discrepancies in repeated experiments.	<b>1. knows that it is important to keep accurate records and descriptions to provide information and clues on causes of discrepancies in repeated experiments.</b>	TE/SE: 26–27, 68, 90–91, 172, 184–185, 210–211, 234–235, 244, 268–271, 290–291, 344–345, 378–379, 402–403, 412–415, 476, 498–499, 508–511 (I)	Quick Activity Transparencies 246	Examview 241C, 241H, 262	Lab Zone Science 244, 268, 508  Below Leveled Readers 241A, 473A  On Level Readers 241A, 473A  Every Student Learns 248  Quick Study Ancillary 60, 61	Advanced Leveled Readers 241A, 473A  Take It to the Net 241, 244, 268, 508  Lab Zone Science 244, 268, 508

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.2.2:</b> <b>The student knows that a successful method to explore the natural world is to observe and record, and then analyze and communicate the results.</b>	<b>1. plans and investigates an experiment that defines a problem, proposes a solution, identifies variables, collects and organizes data, interprets data in tables, charts and graphs, analyzes information, makes predictions, and presents and supports findings.</b>	TE/SE: 140–143, 144, 148, 268–271, 272, 290–291, 314–315, 344–345, 412–415, 416 (I)	Quick Activity Transparencies 284	Examview 273C, 273H, 294, 297C, 297H, 318, 321C, 321H, 348  FCAT Science Test Prep Ancillary 6, 27, 33, 37, 38, 40, 46, 47, 53, 56, 61, 62, 70, 77, 101, 113, 132, 140	Activity Flip Chart 97E, 145E, 241E, 273E, 297E, 321E, 385E  Lab Zone Science 140, 268, 273D, 290, 297D, 314, 321D, 344, 412  Below Leveled Readers 97A, 145A, 241A, 273A, 297A, 321A, 385A  On Level Readers 97A, 145A, 241A, 273A, 297A, 321A, 385A	Activity Flip Chart 97E, 145E, 241E, 273E, 297E, 321E, 385E  Advanced Leveled Readers 97A, 145A, 241A, 273A, 297A, 321A, 385A  Take It to the Net 140, 145, 268, 290, 314, 344, 412  Lab Zone Science 140, 268, 273D, 290, 297D, 314, 321D, 344, 412

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. uses various kinds of instruments to collect and analyze information (for example, metersticks, timing devices, graduated cylinders, force meters, pan balances, calipers, microscopes, cameras, sound recorders, hot plates, magnets, collecting nets).</b>	TE/SE: 26–27, 90–91, 148, 234–235, 268–271, 272, 290–291, 292–293, 314–315, 344–345, 356, 378–379, 380–381, 412–415 (I)	Quick Activity Transparencies 284	Examview 273C, 273H, 294, 297C, 297H, 318, 321C, 321H, 348  FCAT Science Test Prep Ancillary 6, 27, 33, 37, 38, 40, 46, 47, 53, 56, 61, 62, 70, 77, 101, 113, 132, 140	Activity Flip Chart 97E, 145E, 241E, 273E, 297E, 321E, 385E  Lab Zone Science 140, 268, 273D, 290, 297D, 314, 321D, 344, 412  Below Leveled Readers 97A, 145A, 241A, 273A, 297A, 321A, 385A  On Level Readers 97A, 145A, 241A, 273A, 297A, 321A, 385A	Activity Flip Chart 97E, 145E, 241E, 273E, 297E, 321E, 385E  Advanced Leveled Readers 97A, 145A, 241A, 273A, 297A, 321A, 385A  Take It to the Net 140, 145, 268, 290, 314, 344, 412  Lab Zone Science 140, 268, 273D, 290, 297D, 314, 321D, 344, 412
<b>Benchmark SC.H.1.2.3: The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.</b>	<b>1. knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.</b>	TE/SE: 4, 26–27, 68, 90–91, 100, 128–129, 140–143, 172, 184–185, 210–211, 268–271, 290–291, 300, 324, 344–345, 356, 378–379, 402–403, 412–415, 416, 476, 508–511 (I)	Lab Zone Science 273D, 290	Examview 273C, 273H, 294	Lab Zone Science 273D, 290  Below Leveled Readers 273A  On Level Readers 273A	Advanced Leveled Readers 273A  Take It to the Net 290  Lab Zone Science 273D, 290

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.2.4:</b> <b>The student knows that to compare and contrast observations and results is an essential skill in science.</b>	<b>1. knows that to compare and contrast observations and results is an essential skill in science.</b>	TE/SE: 4, 5, 58–59, 210–211, 234–235, 244, 268–271, 273E, 290–291, 324, 378–379, 402–403, 412–415, 476 (I)	FCAT Benchmark Mini-Lesson Ancillary 25, 33	Examview 1C, 1H, 30, 33C, 33H, 62  FCAT Science Test Prep Ancillary 35, 41, 45, 54, 62, 119, 137	Activity Flip Chart 33E, 273E  Lab Zone Science 1D, 4, 33D, 58  Below Leveled Readers 1A, 33A  On Level Readers 1A, 33A	Activity Flip Chart 33E, 273E  Advanced Leveled Readers 1A, 33A  Take It to the Net 4, 58  Lab Zone Science 1D, 4, 33D, 58
<b>Benchmark SC.H.1.2.5:</b> <b>The student knows that a model of something is different from the real thing, but can be used to learn something about the real thing.</b>	<b>1. uses sketches, diagrams and models to understand scientific ideas.</b>	TE/SE: 5, 36, 37, 58–59, 90–91, 140–143, 148, 162–163, 172, 196, 210–211, 220, 234–235, 258–259, 272, 344–345, 356, 388, 402–403, 420, 440–441, 452, 466–467, 476, 498–499, 508–511 (I)	Quick Activity Transparencies 226	Examview 193C, 193H, 214, 217C, 217H, 238, 417C, 417H, 444, 449C, 449H, 470, 473C, 473H, 502  FCAT Science Test Prep Ancillary 30, 35, 39, 50, 51, 63, 110, 111, 127, 133	Activity Flip Chart 97E, 217E, 417E, 449E, 473E  Lab Zone Science 33D, 36, 193D, 196, 217D, 220, 417D, 440, 449D, 452, 473D, 498  Below Leveled Readers 193A, 217A, 241A, 417A, 449A, 473A  On Level Readers 193A, 217A, 241A, 417A, 449A, 473A	Activity Flip Chart 97E, 217E, 417E, 449E, 473E  Advanced Leveled Readers 193A, 217A, 241A, 417A, 449A, 473A  Take It to the Net 36, 196, 220, 417, 440, 452, 498  Lab Zone Science 33D, 36, 193D, 196, 217D, 220, 417D, 440, 449D, 452, 473D, 498

**STANDARD 2: The student understands that most natural events occur in comprehensible, consistent patterns.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.2.2.1: The student knows that natural events are often predictable and logical.</b>	<b>1. makes predictions and inferences based on observations.</b>	TE/SE: 100, 128–129, 148, 162–163, 172, 196, 258–259, 268–271, 276, 300, 314–315, 402–403, 412–415, 420, 440–441, 466–467, 476 (I)	Quick Activity Transparencies 156, 174  FCAT Benchmark Mini-Lesson Ancillary 22, 23, 24	Examview 169C, 169H, 188  FCAT Science Test Prep Ancillary 37, 41, 121, 122	Lab Zone Science 163, 169D, 172, 258, 385D, 402  Below Leveled Readers 169A  On Level Readers 169A	Advanced Leveled Readers 169A  Take It to the Net 172, 258, 402  Lab Zone Science 163, 169D, 172, 258, 385D, 402
	<b>2. uses charts and graphs to understand patterns of change.</b>	TE/SE: 26–27, 92–93, 128–129, 162–163, 184–185, 258–259, 268–271, 290–291, 378–379, 442–443, 466–467, 508–511 (I)	Quick Activity Transparencies 180	Examview 169C, 169H, 188  FCAT Science Test Prep Ancillary 128	Lab Zone Science 145D, 162, 169D, 241D, 258  Below Leveled Readers 145A, 169A  On Level Readers 145A, 169A	Advanced Leveled Readers 145A, 169A  Take It to the Net 162, 184, 258  Lab Zone Science 145D, 162, 169D, 241D, 258

\*Indepth/Mentioned

**STANDARD 3: The student understands that science, technology, and society are interwoven and interdependent.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.2.1: The student understands that people, alone or in groups, invent new tools to solve problems and do work that affects aspects of life outside of science.</b>	<b>1. understands the relationships between science concepts and the history of science and the contributions of scientists.</b>	TE/SE: 64, 96, 134–135, 216, 296, 352, 384, 448, 488–489 (I)	Quick Activity Transparencies 134  FCAT Benchmark Mini-Lesson Ancillary 54	Examview 97C, 97H, 132, 473C, 473H, 502  FCAT Science Test Prep Ancillary 115, 116, 117, 118, 119, 120, 121, 124, 139, 140  Assessment Book 107–110, 111–114	Activity Flip Chart 321E, 473E  Below Leveled Readers 97A, 473A  On Level Readers 97A, 473A  Quick Study Ancillary 110, 111	Activity Flip Chart 321E, 473E  Advanced Leveled Readers 97A, 473A  Take It to the Net 473
	<b>2. uses reference materials to obtain information related to science concepts.</b>	TE/SE: 64, 96, 134–135, 216, 296, 352, 384, 448, 488–489 (I)	Quick Activity Transparencies 134  FCAT Benchmark Mini-Lesson Ancillary 54	Examview 97C, 97H, 132, 473C, 473H, 502  FCAT Science Test Prep Ancillary 115, 116, 117, 118, 119, 120, 121, 124, 139, 140  Assessment Book 107–110, 111–114	Activity Flip Chart 321E, 473E  Below Leveled Readers 97A, 473A  On Level Readers 97A, 473A  Quick Study Ancillary 110, 111	Activity Flip Chart 321E, 473E  Advanced Leveled Readers 97A, 473A  Take It to the Net 473

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.2.2:</b> <b>The student knows that data are collected and interpreted in order to explain an event or concept.</b>	<b>1. knows that data are collected and interpreted in order to explain an event or concept.</b>	TE/SE: 26, 27, 68, 100, 128–129, 140–143, 172, 276, 378–379, 466–467 (I)	Quick Activity Transparencies 198	Examview 97C, 97H, 132, 449C, 449H, 470  FCAT Science Test Prep Ancillary 38, 48  Assessment Book 35–38	Activity Flip Chart 97E  Lab Zone Science 97D, 128, 140, 449D, 466  Below Leveled Readers 97A, 449A  On Level Readers 97A, 449A	Activity Flip Chart 97E  Advanced Leveled Readers 97A, 449A  Take It to the Net 128, 140, 466  Lab Zone Science 97D, 128, 140, 449D, 466
	<b>2. understands that scientific information can be presented in several ways (for example, using numbers and mathematics, drawings, words, graphs, tables).</b>	TE/SE: 26, 27, 60–61, 90–91, 92–93, 128–129, 140–143, 260–261, 268–271, 290–291, 378–379, 404–405, 412–415, 440–441, 466–467, 508–511 (I)	Quick Activity Transparencies 198	Examview 97C, 97H, 132, 449C, 449H, 470  FCAT Science Test Prep Ancillary 38, 48  Assessment Book 35–38	Activity Flip Chart 97E  Lab Zone Science 97D, 128, 140, 449D, 466  Below Leveled Readers 97A, 449A  On Level Readers 97A, 449A	Activity Flip Chart 97E  Advanced Leveled Readers 97A, 449A  Take It to the Net 128, 140, 466  Lab Zone Science 97D, 128, 140, 449D, 466

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.2.3:</b> The student knows that before a group of people build something or try something new, they should determine how it may affect other people.	1. understands how scientific discoveries have helped or hindered progress regarding human health and lifestyles.	TE/SE: 408, 484–489, 500–501 (I)	Quick Activity Transparencies 484  FCAT Benchmark Mini-Lesson Ancillary 55, 56	Examview 473C, 473H, 502  FCAT Science Test Prep Ancillary 142  Assessment Book 107–110, 111–114	Below Leveled Readers 473A  On Level Readers 473A  Every Student Learns 485  Quick Study Ancillary 110, 111	Advanced Leveled Readers 473A  Take It to the Net 473
<b>Benchmark SC.H.3.2.4:</b> The student knows that, through the use of science processes and knowledge, people can solve problems, make decisions, and form new ideas.	1. knows that, through the use of science processes and knowledge, people can solve problems, make decisions, and form new ideas.	TE/SE: 144, 240, 244, 258–259, 268–271, 272, 446–447, 472, 478–483, 503 (I)	Quick Activity Transparencies 478	Examview 473C, 473H, 502  FCAT Science Test Prep Ancillary 2, 123  Assessment Book 107–110	Activity Flip Chart 217E, 241E, 417E, 473E  Below Leveled Readers 473A  On Level Readers 473A	Activity Flip Chart 217E, 241E, 417E, 473E  Advanced Leveled Readers 473A  Take It to the Net 473

A Correlation of

**Scott Foresman**

# **Science**

See learning in a whole new light

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to the

## **Florida**

### **Sunshine State Standards**

### **Benchmarks & Grade Level Expectations**

### **Grade Four**



T/S-44A\_G4

## Introduction

This document demonstrates how **Scott Foresman Science** meets the Florida Sunshine State Standards, Benchmarks & Grade Level Expectations. **Correlation page references are to the Teacher's Edition or to the ancillary. Florida Annually Assessed Benchmarks are shaded gray.**

**Pearson Scott Foresman** is proud to introduce our all new **Scott Foresman Science**, Kindergarten through Grade Five. Extensive research and analysis is the foundation for **Scott Foresman Science** and guides the instructional design.

### **Scaffolded Inquiry™**

**Scott Foresman Science** is built on three levels of inquiry: Directed Inquiry, Guided Inquiry, and Full Inquiry. All three levels engage students in activities that build a strong science foundation and help them develop a full understanding of the inquiry process.

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Powerful connections between reading skills and science process skills in every chapter advance science literacy for all students.

### **Differentiated Instruction**

Leveled Readers for every Student Edition chapter teach the same science concepts, vocabulary, and reading skills — at each student's reading level.

### **Time-Saving Strategies**

Time-saving strategies are built right into the Teacher's Edition that will save the teacher hours of time in lesson preparation.

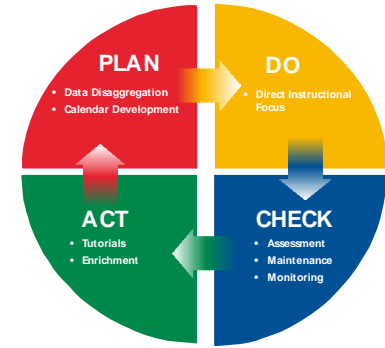
- Quick Teaching Plans cover the standards even when class time is short.
- Everything needed for each activity comes in its own chapter bag. With the Activity Placemat and Tray™, activity setup takes only 30 seconds.
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**Scott Foresman Science** brings teaching and learning together in one convenient spot—the computer. From [sfsuccessnet.com](http://sfsuccessnet.com) to educational CDs and DVDs, this program provides a variety of interactive tools to help support, extend, and enrich classroom instruction.

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**Scott Foresman Science  
Correlations to the  
Florida Sunshine State Standards  
Benchmarks & Grade Level Expectations  
Grade Four**



**STRAND A: The Nature Of Matter**

**STANDARD 1: The student understands that all matter has observable, measurable properties.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.2.1: The student determines that the properties of materials (e.g., density and volume) can be compared and measured (e.g., using rulers, balances, and thermometers).</b>	<b>1. uses a variety of measurements to compare and contrast the physical properties of matter.</b>	TE/SE: 322–323, 324–325, 326–327, 343 (I)	Quick Activity Transparencies 322  FCAT Benchmark Mini-Lesson Ancillary 36	Examview 313C, 313H, 342  FCAT Science Test Prep Ancillary 73, 74, 75, 77, 146  Assessment Book 69–72, 93–96	Activity Flip Chart 313E  Below Leveled Readers 313A  On Level Readers 313A  Quick Study Ancillary 72, 73	Activity Flip Chart 313E  Advanced Leveled Readers 313A  Take It to the Net 313

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.2.2:</b> The student knows that common materials (e.g., water) can be changed from one state to another by heating and cooling.	1. understands that heating or cooling of matter will speed up or slow down, respectively, the motion of the small particles within matter and that this is what causes a phase change.	TE/SE: 332–333, 334–335, 343, 350–351, 352–353, 365 (I)	Quick Activity Transparencies 350	Examview 313C, 313H, 342, 345C, 345H, 364  FCAT Science Test Prep Ancillary 75, 76, 78, 79, 109, 147  Assessment Book 69–72, 73–76, 93–96	Below Leveled Readers 313A, 345A  On Level Readers 313A, 345A  Every Student Learns 337, 352  Quick Study Ancillary 76, 77, 78, 79	Advanced Leveled Readers 313A, 345A  Take It to the Net 313
<b>Benchmark SC.A.1.2.3:</b> The student knows that the weight of an object always equals the sum of its parts.	Content covered at third grade. See Grade 3 correlation.	Benchmark SC.A.1.2.3 is covered in Grade 4 on these pages. TE/SE: 322–323, 343 (I)	Quick Activity Transparencies 322	Examview 369C, 369H, 398  FCAT Science Test Prep Ancillary 109  Assessment Book 69–72, 93–96	Below Leveled Readers 313A  On Level Readers 313A  Every Student Learns 323  Quick Study Ancillary 72	Advanced Leveled Readers 313A  Take It to the Net 313

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.1.2.4:</b> The student knows that different materials are made by physically combining substances and that different objects can be made by combining different materials.	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.A.1.2.4 is covered in Grade 4 on these pages. TE/SE: 328–329, 330–331, 336–337, 343 (I)	Quick Activity Transparencies 328  FCAT Benchmark Mini-Lesson Ancillary 37	Examview 313C, 313H, 342  FCAT Science Test Prep Ancillary 74, 75, 78, 146  Assessment Book 69–72	Activity Flip Chart 313E  Below Leveled Readers 313A  On Level Readers 313A  Every Student Learns 337  Quick Study Ancillary 76, 77	Activity Flip Chart 313E  Advanced Leveled Readers 313A  Take It to the Net 313
<b>Benchmark SC.A.1.2.5:</b> The student knows that materials made by chemically combining two or more substances may have properties that differ from the original materials.	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.A.1.2.5 is covered in Grade 4 on these pages. TE/SE: 336–337, 343 (I)	FCAT Benchmark Mini-Lesson Ancillary 38	Examview 313C, 313H, 342  FCAT Science Test Prep Ancillary 76, 78, 109, 146  Assessment Book 69–72, 93–96	Activity Flip Chart 313E  Below Leveled Readers 313A  On Level Readers 313A  Every Student Learns 337  Quick Study Ancillary 76, 77	Activity Flip Chart 313E  Advanced Leveled Readers 313A  Take It to the Net 313

**STANDARD 2: The student understands the basic principles of atomic theory.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.A.2.2.1: The student knows that materials may be made of parts too small to be seen without magnification.</b>	<b>1. uses a variety of tools (hand lens, microscope) to observe and study minute details of objects.</b>	TE/SE: xxviii, 1D, 4, 7 (I)	Quick Activity Transparencies 17	Assessment Book 1-4	Activity Flip Chart 1E  Lab Zone Science 1D, 4  Below Leveled Readers 1A  On Level Readers 1A  Quick Study Ancillary 2, 3	Activity Flip Chart 1E  Advanced Leveled Readers 1A  Take It to the Net 4  Lab Zone Science 1D, 4

\*Indepth/Mentioned

**STRAND B: Energy**

**STANDARD 1: The student recognizes that energy may be changed in form with varying efficiency.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.2.1: The student knows how to trace the flow of energy in a system (e.g., as in an ecosystem).</b>	<b>1. knows that most living things use energy from the Sun to live and grow.</b>	TE/SE: 84–85, 86–87, 88–89 (I)	Quick Activity Transparencies 84	Examview 73C, 73H, 100  FCAT Science Test Prep Ancillary 15, 16, 85, 86, 90, 110, 148  Assessment Book 9–12, 21–24	Activity Flip Chart 73E  Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 87  Quick Study Ancillary 22, 23	Activity Flip Chart 73E  Advanced Leveled Readers 73A  Take It to the Net 73
	<b>2. knows how to trace the flow of energy in a system (for example, in an ecosystem).</b>	TE/SE: 84–85, 86–87, 88–89, 90, 101 (I)	Quick Activity Transparencies 84	Examview 73C, 73H, 100  FCAT Science Test Prep Ancillary 15, 16, 85, 86, 90, 110, 148  Assessment Book 9–12, 21–24	Activity Flip Chart 73E  Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 87  Quick Study Ancillary 22, 23	Activity Flip Chart 73E  Advanced Leveled Readers 73A  Take It to the Net 73

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.2.2:</b> <b>The student recognizes various forms of energy (e.g., heat, light, and electricity).</b>	<b>1. knows that there are a variety of sources for electricity (for example, hydroelectric, geothermal, windmills).</b>	TE/SE: 392-393, 399 (I)	Quick Activity Transparencies 390	Examview 369C, 369H, 398  FCAT Science Test Prep Ancillary 80, 113  Assessment Book 77-80	Below Leveled Readers 369A  On Level Readers 369A  Quick Study Ancillary 90, 91	Advanced Leveled Readers 369A
	<b>2. knows the relationship between attributes of all waves (for example, wavelength, frequency) and attributes of sound waves (for example, pitch, intensity).</b>	TE/SE: 408-409, 410-411, 412-413, 431 (I)	Quick Activity Transparencies 412  FCAT Benchmark Mini-Lesson Ancillary 47, 48	Examview 401C, 401H, 430  FCAT Science Test Prep Ancillary 91, 92, 94, 96  Assessment Book 81-84	Activity Flip Chart 401E  Below Leveled Readers 401A  On Level Readers 401A  Every Student Learns 414  Quick Study Ancillary 92, 93, 94, 95	Activity Flip Chart 401E  Advanced Leveled Readers 401A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.2.3:</b> <b>The student knows that most things that emit light also emit heat.</b>	<b>1. knows that most objects that emit light also emit heat.</b>	TE/SE: 358–359, 365 (I)	Workbook 113	Examview 345C, 345H, 364  Assessment Book 73–76, 93–96	Activity Flip Chart 345E  Below Leveled Readers 345A  On Level Readers 345A  Every Student Learns 358  Quick Study Ancillary 80, 81	Activity Flip Chart 345E  Advanced Leveled Readers 345A  Take It to the Net 345
<b>Benchmark SC.B.1.2.4:</b> <b>The student knows the many ways in which energy can be transformed from one type to another.</b>	<b>1. knows ways that energy can be transformed (for example, electricity to light, light to heat, mechanical to heat).</b>	TE/SE: 354–355, 358–359, 365, 369D, 374–375, 378–379, 380–381, 386–387, 388–389, 390–391, 392–393, 399 (I)	Quick Activity Transparencies 354, 374, 378, 386, 390  FCAT Benchmark Mini-Lesson Ancillary 44, 45	Examview 345C, 345H, 364, 369C, 369H, 398  FCAT Science Test Prep Ancillary 86, 87, 88, 89, 90, 110, 113, 147  Assessment Book 73–76, 77–80, 93–96	Activity Flip Chart 345E, 369E  Below Leveled Readers 345A, 369A  On Level Readers 345A, 369A  Every Student Learns 358, 376, 380, 388, 391  Quick Study Ancillary 80, 81, 82, 83, 84, 85, 88, 89, 90, 91	Activity Flip Chart 345E, 369E  Advanced Leveled Readers 345A, 369A  Take It to the Net 345, 374

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows that moving electric charges produce magnetic forces and moving magnets produce electric currents.</b>	TE/SE: 369D, 386–387, 388–389, 390–391, 392–393, 394–395, 399 (I)	Quick Activity Transparencies 386, 390  FCAT Benchmark Mini-Lesson Ancillary 44, 45	Examview 369C, 369H, 398  FCAT Science Test Prep Ancillary 87, 88, 90, 110, 147  Assessment Book 77–80	Lab Zone Science 369D, 394  Below Leveled Readers 369A  On Level Readers 369A  Every Student Learns 388, 391  Quick Study Ancillary 88, 89	Advanced Leveled Readers 369A  Take It to the Net 394  Lab Zone Science 369D, 394
<b>Benchmark SC.B.1.2.5: The student knows that various forms of energy (e.g., mechanical, chemical, electrical, magnetic, nuclear, and radiant) can be measured in ways that make it possible to determine the amount of energy that is transformed.</b>	<b>1. extends and refines use of a variety of tools to measure the gain or loss of energy.</b>	TE/SE: 352–353 (I)	Quick Activity Transparencies 350	Examview 345C, 345H, 364  FCAT Science Test Prep Ancillary 79  Assessment Book 73–76	Activity Flip Chart 345E  Below Leveled Readers 345A  On Level Readers 345A  Every Student Learns 352  Quick Study Ancillary 78, 79	Activity Flip Chart 345E  Advanced Leveled Readers 345A

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.1.2.6: The student knows ways that heat can move from one object to another.</b>	<b>Content addressed at third and fifth grades. See Grades 3 and 5 correlations.</b>	Benchmark SC.B.1.2.6 is covered in Grade 4 on these pages. TE/SE: 354–355, 356–357, 358–359 (I)	FCAT Benchmark Mini-Lesson Ancillary 40	Examview 345C, 345H, 364  FCAT Science Test Prep Ancillary 80, 81, 82, 83, 84, 110, 147  Assessment Book 73–76, 93–96	Activity Flip Chart 345E  Below Leveled Readers 345A  On Level Readers 345A  Every Student Learns 358  Quick Study Ancillary 80, 81	Activity Flip Chart 345E  Advanced Leveled Readers 345A  Take It to the Net 345

**STANDARD 2: The student understands the interaction of matter and energy.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.B.2.2.1: The student knows that some source of energy is needed for organisms to stay alive and grow.</b>	<b>Content addressed at third grade. See Grade 3 correlation.</b>	Benchmark SC.B.2.2.1 is covered in Grade 4 on these pages. TE/SE: 84–85, 86–87, 88–89, 101 (I)	Quick Activity Transparencies 84	Examview 73C, 73H, 100  FCAT Science Test Prep Ancillary 95  Assessment Book 9–12	Below Leveled Readers 73A  On Level Readers 73A  Quick Study Ancillary 22, 23	Advanced Leveled Readers 73A  Take It to the Net 73
<b>Benchmark SC.B.2.2.2: The student recognizes the costs and risks to society and the environment posed by the use of nonrenewable energy.</b>	<b>1. understands the reasons for energy conservation.</b>	TE/SE: 294–295, 296–297, 303 (I)	Workbook 91, 95	Examview 281C, 281H, 302  FCAT Science Test Prep Ancillary 61, 62, 63, 64, 71, 145  Assessment Book 51–54, 55–58	Below Leveled Readers 281A  On Level Readers 281A  Every Student Learns 295  Quick Study Ancillary 68, 69	Advanced Leveled Readers 281A  Take It to the Net 281

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows the risk factors associated with the use of nonrenewable energy sources (for example, economic factors and health factors).</b>	TE/SE: 294–295, 303 (I)	Workbook 94, 95	Examview 281C, 281H, 302  FCAT Science Test Prep Ancillary 61, 62, 63, 64, 71, 145  Assessment Book 51–54, 55–58	Below Leveled Readers 281A  On Level Readers 281A  Every Student Learns 295  Quick Study Ancillary 68, 69	Advanced Leveled Readers 281A  Take It to the Net 281
<b>Benchmark SC.B.2.2.3: The student knows that the limited supply of usable energy sources (e.g., fuels such as coal or oil) places great significance on the development of renewable energy sources.</b>	<b>1. understands the processes that created fossil fuels and why they are nonrenewable.</b>	TE/SE: 294–295, 303 (I)	FCAT Benchmark Mini-Lesson Ancillary 34	Examview 281C, 281H, 302  FCAT Science Test Prep Ancillary 66, 70, 145  Assessment Book 51–54, 55–58	Below Leveled Readers 281A  On Level Readers 281A  Every Student Learns 295  Quick Study Ancillary 68, 69	Advanced Leveled Readers 281A  Take It to the Net 281

**STRAND C: Force and Motion**

**STANDARD 1: The student understands that types of motion may be described, measured, and predicted.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.1.2.1: The student understands that the motion of an object can be described and measured.</b>	<b>1. knows that velocity describes a change in distance over time.</b>	TE/SE: 440-441, 455 (I)	Quick Activity Transparencies 438, 440  FCAT Benchmark Mini-Lesson Ancillary 50	Examview 433C, 433H, 454  FCAT Science Test Prep Ancillary 97, 98, 112  Assessment Book 85–88, 93–96	Activity Flip Chart 433E  Below Leveled Readers 433A  On Level Readers 433A  Every Student Learns 440  Quick Study Ancillary 100, 101	Activity Flip Chart 433E  Advanced Leveled Readers 433A  Take It to the Net 433

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.1.2.2:</b> <b>The student knows that waves travel at different speeds through different materials.</b>	<b>1. understands that waves behave differently in different media (for example, water, a wall, the atmosphere, a vacuum).</b>	TE/SE: 420–421, 422–423, 424–425, 431 (I)	Quick Activity Transparencies 420  FCAT Benchmark Mini-Lesson Ancillary 46, 49	Examview 401C, 401H, 430  FCAT Science Test Prep Ancillary 91, 92, 93, 94, 95, 96, 111, 149  Assessment Book 81–84	Activity Flip Chart 401E  Below Leveled Readers 401A  On Level Readers 401A  Every Student Learns 418, 421  Quick Study Ancillary 96, 97, 98, 99	Activity Flip Chart 401E  Advanced Leveled Readers 401A  Take It to the Net 401

**STANDARD 2: The student understands that the types of force that act on an object and the effect of that force can be described, measured, and predicted.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.2.2.1: The student recognizes that forces of gravity, magnetism, and electricity operate simple machines.</b>	<b>1. understands how simple machines are used to make tasks possible.</b>	TE/SE: 462–463, 464–465, 466–467, 468–469, 470–471, 472–473, 479 (I)	Quick Activity Transparencies 462, 468  FCAT Benchmark Mini-Lesson Ancillary 53, 54	Examview 457C, 457H, 478  FCAT Science Test Prep Ancillary 100, 103, 104, 105, 106, 107, 108, 114, 150  Assessment Book 89–92, 93–96	Activity Flip Chart 457E  Below Leveled Readers 457A  On Level Readers 457A  Every Student Learns 466  Quick Study Ancillary 106, 107, 108, 109	Activity Flip Chart 457E  Advanced Leveled Readers 457A  Take It to the Net 457
<b>Benchmark SC.C.2.2.2: The student knows that an object may move in a straight line at a constant speed, speed up, slow down, or change direction dependent on net force acting on the object.</b>	<b>1. uses tools to measure changes in position, direction, and speed of an object after a push or pull has been applied.</b>	TE/SE: 433D, 450–451 (I)	Quick Activity Transparencies 442	Examview 433C, 433H, 454  FCAT Science Test Prep Ancillary 97, 113  Assessment Book 85–88	Lab Zone Science 433D, 450  Below Leveled Readers 433A  On Level Readers 433A  Every Student Learns 443  Quick Study Ancillary 102, 103	Advanced Leveled Readers 433A  Take It to the Net 450  Lab Zone Science 433D, 450

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.C.2.2.3:</b> The student knows that the more massive an object is, the less effect a given force has.	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.C.2.2.3 is covered in Grade 4 on these pages. TE/SE: 444–445, 455 (I)	Quick Activity Transparencies 442	Examview 433C, 433H, 454  FCAT Science Test Prep Ancillary 100, 101  Assessment Book 85–88, 93–96	Activity Flip Chart 433E  Below Leveled Readers 433A  On Level Readers 433A  Quick Study Ancillary 102, 103	Activity Flip Chart 433E  Advanced Leveled Readers 433A  Take It to the Net 433
<b>Benchmark SC.C.2.2.4:</b> The student knows that the motion of an object is determined by the overall effect of all of the forces acting on the object.	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.C.2.2.4 is covered in Grade 4 on these pages. TE/SE: 442–443, 444–445, 455 (I)	Quick Activity Transparencies 442	Examview 433C, 433H, 454  FCAT Science Test Prep Ancillary 98, 99, 102, 103, 150  Assessment Book 85–88, 93–96	Activity Flip Chart 433E  Below Leveled Readers 433A  On Level Readers 433A  Every Student Learns 443  Quick Study Ancillary 102, 103	Activity Flip Chart 433E  Advanced Leveled Readers 433A  Take It to the Net 433

**STRAND D: Processes that Shape the Earth**

**STANDARD 1: The student recognizes that processes in the lithosphere, atmosphere, hydrosphere, and biosphere interact to shape the Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.2.1: The student knows that larger rocks can be broken down into smaller rocks, which in turn can be broken down to combine with organic material to form soil.</b>	<b>1. understands the stages of the rock cycle.</b>	TE/SE: 246–247, 248–249, 254-255 (I)	Quick Activity Transparencies 246  FCAT Benchmark Mini-Lesson Ancillary 29	Examview 233C, 233H, 254  FCAT Science Test Prep Ancillary 50, 52, 53, 54, 69, 70, 144	Activity Flip Chart 233E  Below Leveled Readers 233A  On Level Readers 233A  Every Student Learns 248  Quick Study Ancillary 58, 59	Activity Flip Chart 233E  Advanced Leveled Readers 233A

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows the properties of different types of soil.</b>	TE/SE: 288–289, 290–291, 303 (I)	Quick Activity Transparencies 286  FCAT Benchmark Mini-Lesson Ancillary 33	Examview 281C, 281H, 302  FCAT Science Test Prep Ancillary 61, 62  Assessment Book 51–54	Activity Flip Chart 281E  Below Leveled Readers 281A  On Level Readers 281A  Every Student Learns 290  Quick Study Ancillary 66, 67	Activity Flip Chart 281E  Advanced Leveled Readers 281A
<b>Benchmark SC.D.1.2.2: The student knows that 75 percent of the surface of the Earth is covered by water.</b>	<b>Content addressed at third grade. See Grade 3 correlation.</b>	Benchmark SC.D.1.2.2 is covered in Grade 4 on these pages. TE/SE: 182–183, 184–185, 205 (I)	Quick Activity Transparencies 182  FCAT Benchmark Mini-Lesson Ancillary 21	Examview 177C, 177H, 204  FCAT Science Test Prep Ancillary 37, 142  Assessment Book 35–38	Below Leveled Readers 177A  On Level Readers 177A  Every Student Learns 184  Quick Study Ancillary 42, 43	Advanced Leveled Readers 177A  Take It to the Net 177

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.2.3:</b> The student knows that the water cycle is influenced by temperature, pressure, and the topography of the land.	1. understands how the water cycle is influenced by temperature and land features.	TE/SE: 186–187, 204-205 (I)	Quick Activity Transparencies 186  FCAT Benchmark Mini-Lesson Ancillary 22, 23	Examview 177C, 177H, 204  FCAT Science Test Prep Ancillary 37, 38, 39, 40, 41, 42, 67, 143, 153  Assessment Book 35–38, 55–58	Below Leveled Readers 177A  On Level Readers 177A  Every Student Learns 187  Quick Study Ancillary 44, 45	Advanced Leveled Readers 177A  Take It to the Net 177
<b>Benchmark SC.D.1.2.4:</b> The student knows that the surface of the Earth is in a continuous state of change as waves, weather, and shifts of the land constantly change and produce many new features.	1. understands how processes of weathering and erosion constantly change the surface of the Earth.	TE/SE: 257D, 260, 264–265, 266–267, 268–269, 279 (I)	Quick Activity Transparencies 266  FCAT Benchmark Mini-Lesson Ancillary 30, 31	Examview 257C, 257H, 278  FCAT Science Test Prep Ancillary 55, 56, 59, 69  Assessment Book 47–50	Activity Flip Chart 257E  Lab Zone Science 257D, 260  Below Leveled Readers 257A  On Level Readers 257A  Every Student Learns 265  Quick Study Ancillary 60, 61	Activity Flip Chart 257E  Advanced Leveled Readers 257A  Take It to the Net 260  Lab Zone Science 257D, 260

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.1.2.5: The student knows that some changes in the Earth's surface are due to slow processes and some changes are due to rapid processes.</b>	<b>Content addressed at third and fifth grades. See Grades 3 and 5 correlations.</b>	Benchmark SC.D.1.2.5 is covered in Grade 4 on these pages. TE/SE: 262–263, 264–265, 266–267, 268–269, 270–271, 272–273, 279 (I)	Quick Activity Transparencies 262, 270  FCAT Benchmark Mini-Lesson Ancillary 32	Examview 257C, 257H, 278  FCAT Science Test Prep Ancillary 23, 58, 59, 60, 69, 144  Assessment Book 47–50, 55–58	Activity Flip Chart 257E  Below Leveled Readers 257A  On Level Readers 257A  Every Student Learns 265, 271, 273  Quick Study Ancillary 60, 61, 64, 65	Activity Flip Chart 257E  Advanced Leveled Readers 257A  Take It to the Net 257

**STANDARD 2: The student understands the need for protection of the natural systems on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.D.2.2.1: The student knows that reusing, recycling, and reducing the use of natural resources improve and protect the quality of life.</b>	<b>1. knows ways in which people can conserve natural resources.</b>	TE/SE: 296–297, 302-303 (I)	Workbook 91, 92, 93, 94	Examview 281C, 281H, 302  FCAT Science Test Prep Ancillary 65, 71, 143  Assessment Book 51–54, 55–58	Below Leveled Readers 281A  On Level Readers 281A  Every Student Learns 295  Quick Study Ancillary 68, 69	Advanced Leveled Readers 281A  Take It to the Net 281
	<b>2. knows ways misuse of natural resources affects the quality of life for all species.</b>	TE/SE: 124–125, 126–127, 128–129, 294-295, 302-303 (I)	Quick Activity Transparencies 124	Examview 105C, 105H, 134  Assessment Book 13–16	Activity Flip Chart 105E  Below Leveled Readers 105A  On Level Readers 105A  Every Student Learns 127  Quick Study Ancillary 32, 33, 68, 69	Activity Flip Chart 105E  Advanced Leveled Readers 105A

**STRAND E: Earth and Space**

**STANDARD 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.1.2.1:</b> The student knows that the tilt of the Earth on its own axis as it rotates and revolves around the Sun causes changes in season, length of day, and energy available.	<b>1. knows that the tilt of the Earth causes the change of seasons, length of day, and the amount of energy available.</b>	TE/SE: 498–499, 511 (I)	FCAT Benchmark Mini-Lesson Ancillary 55	Examview 489C, 489H, 510  FCAT Science Test Prep Ancillary 115, 116, 120, 133, 151  Assessment Book 107–110, 119–122	Below Leveled Readers 489A  On Level Readers 489A  Quick Study Ancillary 110, 111	Advanced Leveled Readers 489A  Take It to the Net 489
<b>Benchmark SC.E.1.2.2:</b> The student knows that the combination of the Earth’s movement and the Moon’s own orbit around the Earth results in the appearance of cyclical phases of the Moon.	<b>1. understands the cause of the phases of the Moon (for example, the movement patterns of the Earth and Moon relative to the Sun).</b>	TE/SE: 500–502, 511 (I)	Quick Activity Transparencies 500  FCAT Benchmark Mini-Lesson Ancillary 56	Examview 489C, 489H, 510  FCAT Science Test Prep Ancillary 117, 118, 134, 151  Assessment Book 107–110, 119–122	Activity Flip Chart 489E  Below Leveled Readers 489A  On Level Readers 489A  Every Student Learns 503  Quick Study Ancillary 112, 113	Activity Flip Chart 489E  Advanced Leveled Readers 489A  Take It to the Net 489

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.1.2.3:</b> <b>The student knows that the Sun is a star and that its energy can be captured or concentrated to generate heat and light for work on Earth.</b>	<b>1. knows how the energy of the Sun can be captured as a source of heat and light on Earth (for example, plants, solar panels).</b>	TE/SE: 46–47, 48–49, 71, 292–294, 303 (I)	Quick Activity Transparencies 46, 292	Examview 41C, 41H, 70, 281C, 281H, 302  FCAT Science Test Prep Ancillary 84, 119, 121  Assessment Book 51–54	Activity Flip Chart 281E  Below Leveled Readers 41A, 281A  On Level Readers 41A, 281A  Every Student Learns 48, 295  Quick Study Ancillary 12, 13, 68, 69	Activity Flip Chart 281E  Advanced Leveled Readers 41A, 281A  Take It to the Net 41, 513

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.1.2.4:</b> <b>The student knows that the planets differ in size, characteristics, and composition and that they orbit the Sun in our Solar System.</b>	<b>1. knows characteristics of Jupiter, Saturn, Uranus, Neptune, and Pluto.</b>	TE/SE: 516, 520–521, 528–529, 530–531, 532–533, 534–535, 536–537, 540–541, 543 (I)	Quick Activity Transparencies 528, 534  FCAT Benchmark Mini-Lesson Ancillary 59, 60	Examview 513C, 513H, 542  Assessment Book 111–114	Activity Flip Chart 513E  Below Leveled Readers 513A  On Level Readers 513A  Every Student Learns 520, 529, 537  Quick Study Ancillary 114, 115, 116, 117, 118, 119, 120, 121	Activity Flip Chart 513E  Advanced Leveled Readers 513A  Take It to the Net 513

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.1.2.5: The student understands the arrangement of planets in our Solar System.</b>	<b>1. knows that gravity is the one of the forces that keeps planets arranged in orbits around the Sun and the Moon in orbit around the Earth.</b>	TE/SE: 520–521, 524–525, 543 (I)	FCAT Benchmark Mini-Lesson Ancillary 57	Examview 513C, 513H, 542  Assessment Book 111–114	Activity Flip Chart 513E  Below Leveled Readers 513A  On Level Readers 513A  Every Student Learns 520  Quick Study Ancillary 114, 115, 116, 117	Activity Flip Chart 513E  Advanced Leveled Readers 513A

**STANDARD 2: The student recognizes the vastness of the universe and the Earth's place in it.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.E.2.2.1: The student knows that, in addition to the Sun, there are many other stars that are far away.</b>	<b>1. understands that the Sun is a medium-sized star located near the edge of a galaxy containing billions of other stars, which in turn is one of innumerable galaxies in the Universe.</b>	TE/SE: 518–519, 520–521, 543 (I)	Quick Activity Transparencies 518	Examview 513C, 513H, 542  FCAT Science Test Prep Ancillary 119, 121, 134, 151  Assessment Book 107–110, 119–122	Below Leveled Readers 513A  On Level Readers 513A  Every Student Learns 520  Quick Study Ancillary 114, 115	Advanced Leveled Readers 513A  Take It to the Net 513

\*Indepth/Mentioned

**STRAND F: Processes of Life**

**STANDARD 1: The student describes patterns of structure and function in living things.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<p><b>Benchmark SC.F.1.2.1: The student knows that the human body is made of systems with structures and functions that are related.</b></p>	<p><b>1. knows that complex animals have specialized organs to carry out life processes.</b></p>	<p>TE/SE: 142–143, 144–145, 146–147, 148–149, 150–151, 152–153, 154–155, 156–157, 160–161 166-167(l)</p>	<p>Quick Activity Transparencies 142, 148, 152, 156</p> <p>FCAT Benchmark Mini-Lesson Ancillary 17, 18, 19, 20</p>	<p>Examview 137C, 137H, 166</p> <p>FCAT Science Test Prep Ancillary 25, 26, 27, 28, 29, 30, 35, 141</p> <p>Assessment Book 17–20, 21–24</p>	<p>Activity Flip Chart 137E</p> <p>Below Leveled Readers 137A</p> <p>On Level Readers 137A</p> <p>Every Student Learns 144, 150, 155, 157</p> <p>Quick Study Ancillary 34, 35, 36, 37, 38, 39, 40, 41</p>	<p>Activity Flip Chart 137E</p> <p>Advanced Leveled Readers 137A</p> <p>Take It to the Net 137</p>

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows the major organ systems of the human body.</b>	TE/SE: 142–143, 144–145, 146–147, 148–149, 150–151, 152–153, 154–155, 156–157, 160–161, 166-167 (I)	Quick Activity Transparencies 142, 148, 152, 156  FCAT Benchmark Mini-Lesson Ancillary 17, 18, 19, 20	Examview 137C, 137H, 166  FCAT Science Test Prep Ancillary 25, 26, 27, 28, 29, 30, 35, 141  Assessment Book 17–20, 21–24	Activity Flip Chart 137E  Below Leveled Readers 137A  On Level Readers 137A  Every Student Learns 144, 150, 155, 157  Quick Study Ancillary 34, 35, 36, 37, 38, 39, 40, 41	Activity Flip Chart 137E  Advanced Leveled Readers 137A  Take It to the Net 137

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>3. understands the functions of various body systems.</b>	TE/SE: 142–143, 144–145, 146–147, 148–149, 150–151, 152–153, 154–155, 156–157, 160–161, 166-167 (I)	Quick Activity Transparencies 142, 148, 152, 156  FCAT Benchmark Mini-Lesson Ancillary 17, 18, 19, 20	Examview 137C, 137H, 166  FCAT Science Test Prep Ancillary 25, 26, 27, 28, 29, 30, 35, 141  Assessment Book 17–20, 21–24	Activity Flip Chart 137E  Below Leveled Readers 137A  On Level Readers 137A  Every Student Learns 144, 150, 155, 157  Quick Study Ancillary 34, 35, 36, 37, 38, 39, 40, 41	Activity Flip Chart 137E  Advanced Leveled Readers 137A  Take It to the Net 137
<b>Benchmark SC.F.1.2.2: The student knows how all animals depend on plants.</b>	<b>Content addressed at third grade. See Grade 3 correlation.</b>	Benchmark SC.F.1.2.2 is covered in Grade 4 on these pages. TE/SE: 84–85, 86–87, 88–89, 90–91, 92–93, 100-101 (I)	Quick Activity Transparencies 84, 90	Examview 73C, 73H, 100  Assessment Book 9–12, 21–24	Activity Flip Chart 73E  Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 87, 93  Quick Study Ancillary 22, 23, 24, 25	Activity Flip Chart 73E  Advanced Leveled Readers 73A  Take It to the Net 73

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.1.2.3:</b> <b>The student knows that living things are different but share similar structures.</b>	<b>Content addressed at third grade. See Grade 3 correlation.</b>	Benchmark SC.F.1.2.3 is covered in Grade 4 on these pages. TE/SE: 10–11, 12–13, 14–15, 16–17, 18–19, 22–23, 24–25, 34–35, 38-39 (I)	Quick Activity Transparencies 10, 14, 18  FCAT Benchmark Mini-Lesson Ancillary 2, 3, 4, 7, 8	Examview 1C, 1H, 38  FCAT Science Test Prep Ancillary 1, 2, 3, 4, 5, 6, 8, 9, 11, 31, 32, 139  Assessment Book 1–4, 21–24	Activity Flip Chart 1E  Below Leveled Readers 1A  On Level Readers 1A  Every Student Learns 11, 15, 22  Quick Study Ancillary 4, 5, 6, 7, 8, 9	Activity Flip Chart 1E  Advanced Leveled Readers 1A  Take It to the Net 1
<b>Benchmark SC.F.1.2.4:</b> <b>The student knows that similar cells form different kinds of structures.</b>	<b>1. knows that living things are composed of cells.</b>	TE/SE: 6–7, 8–9, 39, 142–143, 144–145, 154-155 (I)	Quick Activity Transparencies 6, 142  FCAT Benchmark Mini-Lesson Ancillary 1	Examview 1C, 1H, 38  FCAT Science Test Prep Ancillary 2, 27  Assessment Book 1–4, 21–24	Below Leveled Readers 1A, 137A  On Level Readers 1A, 137A  Every Student Learns 8, 144  Quick Study Ancillary 2, 3, 34, 35	Advanced Leveled Readers 1A, 137A  Take It to the Net 1, 137

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows that processes needed for life are carried out by the cells.</b>	TE/SE: 6-7, 8-9, 39, 144-145, 150-151, 154-155, 167 (I)	Quick Activity Transparencies 6	Examview 1C, 1H, 38, 137C, 137H, 166  FCAT Science Test Prep Ancillary 1  Assessment Book 1-4, 17-20, 21-24	Below Leveled Readers 1A, 137A  On Level Readers 1A, 137A  Every Student Learns 8, 144, 150  Quick Study Ancillary 2, 3, 34, 35, 36, 37	Advanced Leveled Readers 1A, 137A  Take It to the Net 1, 137

**STANDARD 2: The student understands the process and importance of genetic diversity.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.F.2.2.1: The student knows that many characteristics of an organism are inherited from the parents of the organism ,but that other characteristics are learned from an individual's interactions with the environment.</b>	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.F.2.2.1 is covered in Grade 4 on these pages. TE/SE: 28-29, 30-31, 32-33, 39 (I)	FCAT Benchmark Mini-Lesson Ancillary 5	Examview 1C, 1H, 38  FCAT Science Test Prep Ancillary 3  Assessment Book 1-4, 21-24	Activity Flip Chart 1E  Below Leveled Readers 1A  On Level Readers 1A  Quick Study Ancillary 10, 11	Activity Flip Chart 1E  Advanced Leveled Readers 1A  Take It to the Net 1

\*Indepth/Mentioned

**STRAND G: How Living Things Interact with Their Environments.**

**STANDARD 1: The student understands the competitive, interdependent, cyclic nature of living things in the environment.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.2.1: The student knows ways that plants, animals, and protists interact.</b>	<b>1. knows how plants and animals interact with one another in an ecosystem (for example, organization of communities, flow of energy through food webs).</b>	TE/SE: 80–81, 82–83, 84–85, 86–87, 88–89, 90–91, 92–93, 94–95, 100-101 (I)	Quick Activity Transparencies 84, 90  FCAT Benchmark Mini-Lesson Ancillary 10, 11, 12, 14	Examview 73C, 73H, 100  FCAT Science Test Prep Ancillary 10, 13, 14, 15, 18, 33, 36, 140  Assessment Book 9–12, 21–24	Activity Flip Chart 73E  Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 80, 87, 93  Quick Study Ancillary 20, 21, 22, 23, 24, 25	Activity Flip Chart 73E  Advanced Leveled Readers 73A  Take It to the Net 73

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. understands the relationship among organisms in aquatic and terrestrial food chains (for example, the role of producers, consumers, and decomposers).</b>	TE/SE: 84–85, 86–87, 88–89, 90–91, 92–93, 94–95, 100-101 (I)	Quick Activity Transparencies 84, 90  FCAT Benchmark Mini-Lesson Ancillary 11, 12	Examview 73C, 73H, 100  Assessment Book 9–12	Activity Flip Chart 73E  Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 87, 93  Quick Study Ancillary 22, 23, 24, 25	Activity Flip Chart 73E  Advanced Leveled Readers 73A  Take It to the Net 73
<b>Benchmark SC.G.1.2.2: The student knows that living things compete in a climatic region with other living things and that structural adaptations make them fit for an environment.</b>	<b>Content addressed at third and fifth grades. See Grades 3 and 5 correlations.</b>	Benchmark SC.G.1.2.2 is covered in Grade 4 on these pages. TE/SE: 26–27, 28–29, 105D, 108, 114-115 (I)	FCAT Benchmark Mini-Lesson Ancillary 9	Examview 1C, 1H, 38  FCAT Science Test Prep Ancillary 4, 5, 8, 12, 13, 15, 19, 31, 34, 142  Assessment Book 13–16	Activity Flip Chart 1E  Below Leveled Readers 1A  On Level Readers 1A  Quick Study Ancillary 8, 9	Activity Flip Chart 1E  Advanced Leveled Readers 1A  Take It to the Net 105

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.2.3:</b> The student knows that green plants use carbon dioxide, water, and sunlight energy to turn minerals and nutrients into food for growth, maintenance, and reproduction.	<b>Content addressed at fifth grade. See Grade 5 correlation.</b>	Benchmark SC.G.1.2.3 is covered in Grade 4 on these pages. TE/SE: 46–47, 48–49, 54–55, 56–57, 70-71 (I)	Quick Activity Transparencies 54  FCAT Benchmark Mini-Lesson Ancillary 6	Examview 41C, 41H, 70  FCAT Science Test Prep Ancillary 7, 10, 33, 140  Assessment Book 5–8, 21–24	Below Leveled Readers 41A  On Level Readers 41A  Every Student Learns 48, 56  Quick Study Ancillary 12, 13, 16, 17	Advanced Leveled Readers 41A  Take It to the Net 41
<b>Benchmark SC.G.1.2.4:</b> The student knows that some organisms decompose dead plants and animals into simple minerals and nutrients for use by living things and thereby recycle matter.	<b>1. knows organisms that act as decomposers.</b>	TE/SE: 73D, 74-75, 87–89, 94–95, 96–97, 100-101 (I)	Quick Activity Transparencies 84	Examview 73C, 73H, 100  FCAT Science Test Prep Ancillary 32, 139  Assessment Book 9–12	Lab Zone Science 73D, 96  Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 87  Quick Study Ancillary 22, 23, 24, 25	Advanced Leveled Readers 73A  Take It to the Net 73, 96  Lab Zone Science 73D, 96

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. understands the need for nutrients and minerals for living organisms.</b>	TE/SE: 90–91, 92–93 (I)	Quick Activity Transparencies 90	Examview 73C, 73H, 100  Assessment Book 9–12	Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 93  Quick Study Ancillary 24, 25	Advanced Leveled Readers 73A  Take It to the Net 73
	<b>3. understands the process of decay (for example, the stages of decay, the organisms that help the decay process, the nonliving factors that influence the rate of decay, the products of decay).</b>	TE/SE: 86-87, 94-95, 96–97 101 (I)	Quick Activity Transparencies 84	Examview 73C, 73H, 100  FCAT Science Test Prep Ancillary 17  Assessment Book 9–12	Lab Zone Science 73D, 96  Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 87  Quick Study Ancillary 22, 23	Advanced Leveled Readers 73A  Take It to the Net 73, 96  Lab Zone Science 73D, 96

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.2.5:</b> The student knows that animals eat plants or other animals to acquire the energy they need for survival.	<b>Content addressed at third grade. See Grade 3 correlation.</b>	Benchmark SC.G.1.2.5 is covered in Grade 4 on these pages. TE/SE: 84–86, 88–89, 101 (I)	Quick Activity Transparencies 84	Examview 73C, 73H, 100  FCAT Science Test Prep Ancillary 14, 17  Assessment Book 9–12, 21–24	Below Leveled Readers 73A  On Level Readers 73A  Quick Study Ancillary 22, 23	Advanced Leveled Readers 73A  Take It to the Net 73
<b>Benchmark SC.G.1.2.6:</b> The student knows that organisms are growing, dying, and decaying and that new organisms are being produced from the materials of dead organisms.	<b>1. knows that organisms are growing, dying, and decaying and that new organisms are being produced.</b>	TE/SE: 87–89, 94–95, 96–97, 101 (I)	Quick Activity Transparencies 84	Examview 73C, 73H, 100  FCAT Science Test Prep Ancillary 17  Assessment Book 9–12, 21–24	Activity Flip Chart 73E  Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 87  Quick Study Ancillary 22, 23, 24, 25	Activity Flip Chart 73E  Advanced Leveled Readers 73A  Take It to the Net 73

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.1.2.7:</b> The student knows that variations in light, water, temperature, and soil content are largely responsible for the existence of different kinds of organisms and population densities in an ecosystem.	1. knows that variations in light, water, temperature, and soil content are largely responsible for the existence of different kinds of organisms and population densities in an ecosystem.	TE/SE: 78, 79, 80–81, 122–123, 135 (I)	Quick Activity Transparencies 78	Examview 105C, 105H, 134  FCAT Science Test Prep Ancillary 22, 34, 141  Assessment Book 13–16	Activity Flip Chart 105E  Below Leveled Readers 105A  On Level Readers 105A  Every Student Learns 80  Quick Study Ancillary 30, 31	Activity Flip Chart 105E  Advanced Leveled Readers 105A  Take It to the Net 105

**STANDARD 2: The student understands the consequences of using limited natural resources.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.2.2.1: The student knows that all living things must compete for Earth’s limited resources; organisms best adapted to compete for the available resources will be successful and pass their adaptations (traits) to their offspring.</b>	<b>1. knows the kinds of organisms that lived in the past and compares them to existing species.</b>	TE/SE: 120–121, 135 (I)	Quick Activity Transparencies 118	Examview 105C, 105H, 134  FCAT Science Test Prep Ancillary 21  Assessment Book 13–16	Below Leveled Readers 105A  On Level Readers 105A  Quick Study Ancillary 30, 31	Advanced Leveled Readers 105A  Take It to the Net 105
	<b>2. knows characteristics that allow members within a species to survive and reproduce.</b>	TE/SE: 26–27, 28–29, 30–31, 32–33, 39, 114–115, 116–117, 135 (I)	Quick Activity Transparencies 26	Examview 1C, 1H, 38, 105C, 105H, 134  FCAT Science Test Prep Ancillary 20, 139  Assessment Book 1–4, 13–16	Below Leveled Readers 1A, 105A  On Level Readers 1A. 105A  Every Student Learns 27  Quick Study Ancillary 6, 7, 10, 11, 28, 29	Advanced Leveled Readers 1A, 105A  Take It to the Net 105

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.G.2.2.2:</b> <b>The student knows that the size of a population is dependent upon the available resources within its community.</b>	<b>Content addressed at third grade. See Grade 3 correlation.</b>	Benchmark SC.G.2.2.2 is covered in Grade 4 on these pages. TE/SE: 82-83, 110-111, 112-113, 135 (I)	Quick Activity Transparencies 110  FCAT Benchmark Mini-Lesson Ancillary 13	Examview 105C, 105H, 134  FCAT Science Test Prep Ancillary 13, 19, 20, 34  Assessment Book 9-12, 13-16, 21-24	Activity Flip Chart 105E  Below Leveled Readers 105A  On Level Readers 105A  Quick Study Ancillary 26, 27	Activity Flip Chart 105E  Advanced Leveled Readers 105A
<b>Benchmark SC.G.2.2.3:</b> <b>The student understands that changes in the habitat of an organism may be beneficial or harmful.</b>	<b>1. understands patterns of interdependency in ecological systems.</b>	TE/SE: 79, 80-81, 82-83, 84-85, 86-87, 88-89, 90-91, 92-93, 94-95, 101 (I)	Quick Activity Transparencies 78, 84, 90	Examview 73C, 73H, 100  FCAT Science Test Prep Ancillary 20  Assessment Book 20-25	Below Leveled Readers 73A  On Level Readers 73A  Every Student Learns 80, 87, 93  Quick Study Ancillary 20, 21, 22, 23, 24, 25	Advanced Leveled Readers 73A  Take It to the Net 73

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. understands that what benefits one organism may be harmful to other organisms.</b>	TE/SE: 114–115, 116–117, 124–125, 126–127, 128–129, 135 (I)	Quick Activity Transparencies 114, 124	Examview 105C, 105H, 134  FCAT Science Test Prep Ancillary 20  Assessment Book 13–16	Below Leveled Readers 105A  On Level Readers 105A  Every Student Learns 116, 127  Quick Study Ancillary 28, 29, 32, 33	Advanced Leveled Readers 105A  Take It to the Net 73
	<b>3. understands that changes in an ecological system usually affect the whole system.</b>	TE/SE: 79, 80–81, 82–83, 84–85, 86–87, 88–89, 90–91, 92–93, 94–95, 101 114–115, 116–117, 118–119, 120–121, 122–123, 124–125, 126–127, 128–129, 135 (I)	Quick Activity Transparencies 84, 90, 114, 118, 124  FCAT Benchmark Mini-Lesson Ancillary 15, 16	Examview 73C, 73H, 100, 105C, 105H, 134  FCAT Science Test Prep Ancillary 20, 21, 22, 24, 141  Assessment Book 9–12, 13–16, 21–24	Activity Flip Chart 73E, 105E  Below Leveled Readers 73A, 105A  On Level Readers 73A, 105A  Every Student Learns 80, 87, 93, 116, 119, 127  Quick Study Ancillary 20, 21, 22, 23, 24, 25, 28, 29, 30, 31, 32, 33	Activity Flip Chart 73E, 105E  Advanced Leveled Readers 73A, 105A  Take It to the Net 73

**STRAND H: The Nature of Science**

**STANDARD 1: The student uses the scientific processes and habits of mind to solve problems.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.2.1:</b> The student knows that it is important to keep accurate records and descriptions to provide information and clues on causes of discrepancies in repeated experiments.	<b>1. knows that scientists make the results of their investigations public, and they describe the investigations in ways that enable others to repeat the investigation.</b>	TE/SE: xxiv–xxv, 391 (I)	Quick Activity Transparencies 390	Examview 369C, 369H, 398  Assessment Book 77–80	Activity Flip Chart 369E  Below Leveled Readers 369A  On Level Readers 369A  Every Student Learns 391  Quick Study Ancillary 90, 91	Activity Flip Chart 369E  Advanced Leveled Readers 369A  Take It to the Net 137

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.2.2:</b> <b>The student knows that a successful method to explore the natural world is to observe and record, and then analyze and communicate the results.</b>	<b>1. plans and investigates experiments in which hypotheses are formulated based on cause and effect relationships; distinctions are made among observations, conclusions/inferences and predictions; a limited number of variables are controlled; and numerical data that are contradictory or unusual in experimental results are recognized.</b>	TE/SE: xxii–xxiii, xxiv–xxv, xxvi–xxvii, 105D, 130–131, 172–175, 177D, 200–201, 281D, 298–299, 308–311, 345D, 360–361, 484–487, 572–575 (I)	Quick Activity Transparencies 118, 246	Examview 105C, 105H, 134, 177C, 177H, 204, 281C, 281H, 302, 345C, 345H, 364  FCAT Science Test Prep Ancillary 9, 154	Activity Flip Chart 105E, 177E, 281E, 345E  Lab Zone Science 105D, 130, 172, 177D, 200, 281D, 298, 308, 345D, 360  Below Leveled Readers 105A, 137A, 177A, 281A, 345A  On Level Readers 105A, 137A, 177A, 281A, 345A	Activity Flip Chart 105E, 177E, 281E, 345E  Advanced Leveled Readers 105A, 137A, 177A, 281A, 345A  Take It to the Net 105, 130, 172, 200, 281, 298, 308, 345, 360  Lab Zone Science 105D, 130, 172, 177D, 200, 281D, 298, 308, 345D, 360

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. uses metric tools to measure, record, and interpret data.</b>	TE/SE: 177D, 200–201, 284, 322–323, 324–327, 345D, 360–361, 436–437, 572–575 (I)	Quick Activity Transparencies 322	Examview 177C, 177H, 204, 345C, 345H, 364	Lab Zone Science 177D, 200, 345D, 360  Below Leveled Readers 177A, 313A  On Level Readers 177A, 313A  Every Student Learns 323	Advanced Leveled Readers 177A, 313A  Take It to the Net 200  Lab Zone Science 177D, 200, 345D, 360

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.2.3: The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.</b>	<b>1. works collaboratively to collect, share, and record information for a scientific investigation.</b>	TE/SE: 1D, 34–35, 41D, 66–67, 73D, 96–97, 172–175, 177D, 180, 233D, 250–251, 257D, 260, 308–311, 313D, 316, 338–339, 345D, 348, 369D, 372, 394–395, 401D, 404, 426–427, 433D, 450–451, 457D, 460, 474–475, 484–487, 489D, 492, 545D, 548, 560–561, 572–575 (I)	Quick Activity Transparencies 26	Examview 1C, 1H, 38, 41C, 41H, 70, 73C, 73H, 100, 177C, 177H, 204, 257C, 257H, 278, 313C, 313H, 342, 345C, 345H, 364, 369C, 369H, 398, 401C, 401H, 430, 433C, 433H, 454, 457C, 457H, 478, 489C, 489H, 510, 545C, 545H, 564	Activity Flip Chart 1E, 545E  Lab Zone Science 1D, 34, 41D, 44, 66, 73D, 96, 177D, 180, 233D, 236, 257D, 260, 313D, 316, 338, 345D, 348, 369D, 372, 394, 401D, 404, 426, 433D, 450, 457D, 460, 474, 484, 489D, 492, 545D, 548, 560, 572  Below Leveled Readers 1A, 41A, 73A, 177A, 257A, 281A, 313A, 345A, 369A, 401A, 433A, 457A, 489A, 545A	Activity Flip Chart 1E, 545E  Advanced Leveled Readers 1A, 41A, 73A, 177A, 257A, 281A, 313A, 345A, 369A, 401A, 433A, 457A, 489A, 545A  Take It to the Net 34, 41, 44, 66, 96, 180, 236, 260, 316, 338, 348, 372, 394, 401, 404, 426, 450, 457, 460, 474, 484, 492, 545, 548, 560, 572  Lab Zone Science 1D, 34, 41D, 44, 66, 73D, 96, 177D, 180, 233D, 236, 257D, 260,

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
(continued)					On Level Readers 1A, 41A, 73A, 177A, 257A, 281A, 313A, 345A, 369A, 401A, 433A, 457A, 489A, 545A	313D, 316, 338, 345D, 348, 369D, 372, 394, 401D, 404, 426, 433D, 450, 457D, 460, 474, 484, 489D, 492, 545D, 548, 560, 572
<b>Benchmark SC.H.1.2.4: The student knows that to compare and contrast observations and results is an essential skill in science.</b>	<b>1. knows that comparisons between experiments can be made when conditions are the same.</b>	TE/SE: 176, 281D, 284, 312, 488 (I)	Quick Activity Transparencies 14	Examview 281C, 281H, 302  FCAT Science Test Prep Ancillary 23	Lab Zone Science 281D, 284  Below Leveled Readers 137A, 281A, 457A, 545A  On Level Readers 137A, 281A, 457A, 545A	Advanced Leveled Readers 137A, 281A, 457A, 545A  Take It to the Net 281, 284  Lab Zone Science 281D, 284

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.1.2.5:</b> <b>The student knows that a model of something is different from the real thing, but can be used to learn something about the real thing.</b>	<b>1. knows that a model of something is different from the real thing, but can be used to learn something about the real thing.</b>	TE/SE: 137D, 140, 162–163, 176, 209D, 212, 220–221, 231, 312, 488, 513D, 516, 538–539, 548, 572–575, 576 (I)	Quick Activity Transparencies 266, 270	Examview 137C, 137H, 166, 209C, 209H, 230, 513C, 513H, 542  FCAT Science Test Prep Ancillary 90	Activity Flip Chart 137E, 209E, 513E, 545E  Lab Zone Science 137D, 140, 162, 209D, 212, 513D, 516, 538  Below Leveled Readers 137A, 457A, 513A  On Level Readers 137A, 457A, 513A  Quick Study Ancillary 50, 51	Activity Flip Chart 137E, 209E, 513E, 545E  Advanced Leveled Readers 137A, 457A, 513A  Take It to the Net 140, 162, 209, 212, 513, 516, 538  Lab Zone Science 137D, 140, 162, 209D, 212, 513D, 516, 538

**STANDARD 2: The student understands that most natural events occur in comprehensible, consistent patterns.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.2.2.1: The student knows that natural events are often predictable and logical.</b>	<b>1. makes predictions based on data from picture graphs, bar graphs, and line graphs.</b>	TE/SE: 177D, 200–201, 360–361 (I)	Quick Activity Transparencies 98, 202, 300	Activity Resources Rubric 200	Lab Zone Science 69, 99, 172, 177D, 200, 300  Below Leveled Readers 41A, 137A, 177A  On Level Readers 41A, 137A, 177A  Every Student Learns 199	Advanced Leveled Readers 41A, 137A, 177A  Take It to the Net 68, 172, 200  Lab Zone Science 69, 99, 172, 177D, 200, 300

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. knows basic patterns, sequences, and cycles occurring in nature.</b>	TE/SE: 88–89, 92–93, 94–95, 101, 186–187, 188–189, 200–201, 205, 248–249, 255, 496–497, 489–499, 500–501, 502–503, 504–505, 511 (I)	Quick Activity Transparencies 186, 500  FCAT Benchmark Mini-Lesson Ancillary 24, 25, 26, 27, 28, 43	Examview 73C, 73H, 100, 177C, 177H, 204, 233C, 233H, 254, 345C, 345H, 364, 489C, 489H, 510  FCAT Science Test Prep Ancillary 22, 40, 41, 43, 44, 45, 46, 47, 48, 49, 51, 68  Assessment Book 9–12, 21–24, 35–38, 39–42, 43–46, 55–58, 107–110, 119–122	Activity Flip Chart 73E, 233E, 489E  Lab Zone Science 345D, 360  Below Leveled Readers 73A, 177A, 233A, 345A, 489A  On Level Readers 73A, 177A, 233A, 345A, 489A  Every Student Learns 93, 187, 248, 496, 503  Quick Study Ancillary 22, 23, 24, 25, 44, 45, 58, 59, 110, 111, 112, 113	Activity Flip Chart 73E, 233E, 489E  Advanced Leveled Readers 73A, 177A, 233A, 345A, 489A  Take It to the Net 209, 360, 489  Lab Zone Science 345D, 360

**STANDARD 3: The student understands that science, technology, and society are interwoven and interdependent.**

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.2.1: The student understands that people, alone or in groups, invent new tools to solve problems and do work that affects aspects of life outside of science.</b>	<b>1. knows that technologies often have costs, as well as benefits, and can have an enormous effect on people and other living things.</b>	TE/SE: 102–103, 124–125, 206–207, 366–367, 545, 550–551, 552–553, 554–555, 556–557, 558–559, 565, 566–567 (I)	Quick Activity Transparencies 550, 556  FCAT Benchmark Mini-Lesson Ancillary 61, 62	Examview 545C, 545H, 564  FCAT Science Test Prep Ancillary 127, 128, 129, 130, 131, 132, 136, 137, 152  Assessment Book 115–118, 119–122	Activity Flip Chart 545E  Below Leveled Readers 73A, 177A, 345A, 545A  On Level Readers 73A, 177A, 345A, 545A  Every Student Learns 555, 557  Quick Study Ancillary 122, 123, 124, 125	Activity Flip Chart 545E  Advanced Leveled Readers 73A, 177A, 345A, 545A  Take It to the Net 345, 545

\*Indepth/Mentioned

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
	<b>2. researches and reports on a science topic.</b>	TE/SE: 13, 21, 40, 103, 207, 223, 256, 312, 512, 531 (I)	Quick Activity Transparencies 550, 556  FCAT Benchmark Mini-Lesson Ancillary 61, 62	Examview 545C, 545H, 564  FCAT Science Test Prep Ancillary 127, 128, 129, 130, 131, 132, 136, 137, 152  Assessment Book 115–118, 119–122	Activity Flip Chart 545E  Below Leveled Readers 73A, 177A, 345A, 545A  On Level Readers 73A, 177A, 345A, 545A  Every Student Learns 555, 557  Quick Study Ancillary 122, 123, 124, 125	Activity Flip Chart 545E  Advanced Leveled Readers 73A, 177A, 345A, 545A  Take It to the Net 345, 545

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.2.2: The student knows that data are collected and interpreted in order to explain an event or concept.</b>	<b>1. constructs and analyzes graphs, tables, maps, and charts to organize, examine, and evaluate information.</b>	TE/SE: 1D, 34–35, 41, 73D, 76, 96–97, 105D, 130–131, 176, 200–201, 202, 209D, 226–227, 233D, 250–251, 257D, 274–275, 312, 394–395, 433D, 450–451, 474–475, 484–487, 488, 489D, 506–507, 572–575, 576 (I)	Quick Activity Transparencies 292	Examview 1C, 1H, 38, 41C, 41H, 70, 73C, 73H, 100, 105C, 105H, 134, 209C, 209H, 230, 233C, 233H, 254, 257C, 257H, 278, 433C, 433H, 454, 489C, 489H, 510	Activity Flip Chart 1E, 41E, 281E, 433E, 457E, 545E  Lab Zone Science 1D, 34, 73D, 76, 105D, 108, 209D, 226, 233D, 250, 257D, 274, 433D, 436, 489D, 506  Below Leveled Readers 1A, 41A, 105A, 209A, 233A, 257A, 281A, 433A, 457A, 489A, 545A  On Level Readers 1A, 41A, 105A, 209A, 233A, 257A, 281A, 433A, 457A, 489A, 545A	Activity Flip Chart 1E, 41E, 281E, 433E, 457E, 545E  Advanced Leveled Readers 1A, 41A, 105A, 209A, 233A, 257A, 281A, 433A, 457A, 489A, 545A  Take It to the Net 1, 34, 41, 76, 108, 226, 233, 250, 274, 433, 436, 489, 506  Lab Zone Science 1D, 34, 73D, 76, 105D, 108, 209D, 226, 233D, 250, 257D, 274, 433D, 436, 489D, 506

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.2.3:</b> The student knows that before a group of people build something or try something new, they should determine how it may affect other people.	1. uses criteria to understand and analyze the impact of scientific discoveries (for example, determines whether or not scientific claims are backed by sufficient evidence and logical arguments).	TE/SE: 550–551, 552–553, 554–555, 556–557, 558–559 (I)	Quick Activity Transparencies 550	Examview 545C, 545H, 564  Assessment Book 115–118, 119–122	Below Leveled Readers 545A  On Level Readers 545A  Every Student Learns 555  Quick Study Ancillary 122, 123	Advanced Leveled Readers 545A  Take It to the Net 545

PLAN	PLAN	DO	DO	CHECK	ACT	ACT
BENCHMARK	GRADE LEVEL EXPECTATIONS	WHERE TAUGHT IN MAJOR TOOL I/M*	FOCUS/MINI-LESSONS (ANCILLARIES)	MINI ASSESSMENTS (ANCILLARIES)	TUTORIALS Non-Mastery (ANCILLARIES)	ENRICHMENTS Mastery (ANCILLARIES)
<b>Benchmark SC.H.3.2.4:</b> <b>The student knows that, through the use of science processes and knowledge, people can solve problems, make decisions, and form new ideas.</b>	<b>1. knows ways that, through the use of science processes and knowledge, people can solve problems, make decisions, and form new ideas.</b>	TE/SE: 72, 104, 168, 176, 208, 220–221, 224–225, 231, 232, 256, 280, 304, 312, 344, 400, 456, 480, 488, 512, 544, 550–555, 556–559, 565, 568, 576 (I)	Quick Activity Transparencies 550	Examview 209C, 209H, 230, 545C, 545H, 564  FCAT Science Test Prep Ancillary 29, 45, 67, 127, 137  Assessment Book 17–20, 39–42, 55–58, 115–118, 119–122	Activity Flip Chart 137E, 209E, 281E, 457E, 545E  Below Leveled Readers 1A, 41A, 73A, 105A, 137A, 177A, 209A, 281A, 233A, 257A, 313A, 369A, 401A, 433A, 457A, 489A, 513A, 545A  On Level Readers 1A, 41A, 73A, 105A, 137A, 177A, 209A, 281A, 233A, 257A, 313A, 369A, 401A, 433A, 457A, 489A, 513A, 545A  Every Student Learns 555, 557  Quick Study Ancillary 50, 51, 52, 53, 122, 123, 124, 125	Activity Flip Chart 137E, 209E, 281E, 457E, 545E  Advanced Leveled Readers 1A, 41A, 73A, 105A, 137A, 177A, 209A, 281A, 233A, 257A, 313A, 369A, 401A, 433A, 457A, 489A, 513A, 545A  Take It to the Net 1, 41, 137, 209, 401, 433, 457, 513, 545