

# FIRST GRADE

## Thematic Units for Project Based Study

### DRAFT

Language Arts	Social Studies	Science	Math	Health	Core Knowledge
Below are the story units/lessons and story titles from the curricular materials that would be taught within each thematic unit	Below are the chapter titles from the History Alive textbook that would be covered within each unit	Below are the chapter titles from the Scott Foresman Science textbook that would be covered within each unit	Below are the math standards (SSS) that would be specifically highlighted during the unit. Other math concepts will be spread throughout the year	Below are the health standards (SSS) that would be specifically highlighted during the unit. Other health standards will be spread throughout the year.	Below are areas of study we feel essential (as defined by the Core Knowledge Institute) that would be included in each unit.

### Getting to Know Each Other Theme

1/1: Pam & Sam 1/3: How You Grew 1/4: Pet Tricks 1/5: Soccer	Ch.1: How do we get along in school Ch.2: Why is it important to learn from each other Ch.3: Why do schools have rules?	Ch.1: Living and Nonliving Ch.2: Habitats Ch.3: How plants and animals live Ch.12: Science in our world			
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### Community Helpers

1/2: I Can! Can You? 2/2: Little Red Hen 3/1: Kate's Game 3/2: Kids Can Help 6/3: Cool Jobs	Ch.4: Who helps us at school? Ch.5: How are we good helpers at school?	Ch.4: Life cycles Ch.5: Food chains		HE.1.C.1 (Health promotion, disease prevention) HE.1.B.2 (Communication skills to enhance health and avoid risk) HE.1.C.2 (Advocate for good health)	Science: Human Body (Systems, preventing illness)  Math: Currency
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## Mapping

4/2: June Robot Cleans Up 2/3: A Prairie Dog Home 2/5: On My Way to School 6/1: Dot and Jabber and the Big Bug Mystery	Ch.4: What is a map? Ch.14: What do good neighbors do?	Ch.6: Land, Water and Air	MA.1.G.5.1 (Measure and group with units) MA.1.G.5.2 (Compare and order based on measurements)		
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## Weather / Astronomy

4/3: Stormy Weather 5/4: Whistle for Willie 5/5: A Fruit is a Suitcase for Seeds		Ch.11: Day and Night Sky Ch.7: Weather			
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## Historical Perspectives

5/3: Kids' Inventions 4/4: Meet Ben Franklin 5/2: The Kite	Ch.7: What was school like long ago?				SS: Early people and civilizations SS: Early World Civilizations (Mesopotamia, Ancient Egypt)
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## Community Service and Groups

2/4: The Fun Kids Band 4/1: Pelican Was Hungry 4/5: The Rabbit	Ch.8: What groups do we belong to?				
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## Families / Supporting Each Other

2/1: Animal Moms and Dads 3/5: Gram and Me 6/5: Sand Castle	Ch.9: How are families special Ch.10: What do families need and want			HE.1.C.2 (Analyze factors on health behaviors)	
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## Being Observant and Scientific

6/4: A Tiger Cub Grows Up		Ch.8: Observing Matter Ch.9: Movement and Sound	MA.1.G.3.1 (Vocabulary to compare shapes) MA.1.G.3.2 (Compose and decompose shapes)		
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## Traditions

3/4: Smile, Mike! 5/1: Olivia	Ch.11: How do family members care for each other? Ch.12: How do families change? Ch.13: What are family traditions?				SS: Modern world civilization (Mexico)
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## Energy / Space

3/3: Short Shadows, Long Shadows 6/2: Blue Jay Finds A Way		Ch.10: Learning about Energy			Sci: Astronomy
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**... still need to be placed ...  
... or incorporated throughout ...**

				<p>Add/Subtract- Model concept</p> <p>Add/Subtract - Apply and describe as inverse operations</p> <p>Add/Subtract - Develop sophisticated strategies (commutative, associative, additive identity)</p> <p>Addition/Subtraction - Use strategies for solving (i.e. counting, patterns)</p> <p>Whole Numbers - Compare/order through 100</p> <p>Whole Numbers - Represent 2 digit numbers as tens and ones</p> <p>Whole Numbers - Order counting numbers, understand number line</p> <p>Extend and complete patterns</p> <p>Place value, and 2-digit addition and subtraction</p> <p>Act out problems with manipulatives and drawings</p>	<p>2:1 - Demonstrate the ability to access valid health information, products, and services to enhance health.</p> <p>2:3 - Demonstrate the ability to use decision-making skills to enhance health.</p> <p>2:4 - Demonstrate the ability to use goal-setting skills to enhance health.</p> <p>3:1 - Demonstrate the ability to practice advocacy, health-enhancing behaviors, and avoidance or reduction of health risks for oneself.</p>
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# SECOND GRADE

## Thematic Units for Project Based Study

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<b>Building Community</b>					
1/1 - David's New Friends 1/2 - Mr. Otter & Tabby Pour the Tea 1/4 - Meet Rosina 1/5 - My Name is Yoon	01-What is a Community? 09-How Do Communities Change 02-How Are Communities Different?			2:2 - Analyze the influence of family, peers, media, technology and other factors on health behaviors  2:2 Use interpersonal communication skills to enhance health and avoid or reduce health risks  3:2 Advocate for individual, peer, school, family, and community health	

<b>Living Things</b>					
2/4 - Farfallina & Marcel 3/5 - Click, Clack, Moo: Cows That Type 4/5 - Nutik, the Wolf Pup		01-All About Plants 02-All About Animals 03-How Plants and Animals Live Together			

## Environmentalism

2/1 - The Tiny Seed 2/2 - A Harbor Seal Pup Grows Up 4/1 - Splish! Splash! 4/2 - Goose's Story 4/3 - A Way to Help Planet Earth	05-How Do People Use Our Environment?  11-How Can One Person Make a Difference in a Community?	05-Earth's Land, Air, and Water  04-How Living Things Grow and Change			
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## Traditions and Celebrations

6/1 - Mice and Beans 6/2 - Stirring Up Memories 6/5 - Babu's Song 3/3 - Meet the Super Croc	10-How Did One Community Change?	07-Fossils and Dinosaurs			
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## Weather & Transportation

4/4 - Super Storms 5/1 - Dig, Wait, Listen: A Desert Toad's Tale 5/4 - The Ugly Vegetables	06-How Are Goods Made and Brought to Us?	06-Earth's Weather and Seasons			
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## Energy, Movement

3/4 - Dancing As a Team 5/2 - Pushing Up the Sky		09-Energy 10-Forces and Motion 11-Sound		2:4 - Use goal-setting to enhance health	
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## History and Geography

<p>5/3 - Columbus Explores New Lands</p> <p>6/3 - Music of the Stone Age</p> <p>6/4 - African-American Inventors</p>	<p>03-How Do We Use Maps?</p> <p>04-What Is Geography?</p>		<p>Measurement - Estimate and use standard units for length</p> <p>Measurement - Relationship between size and measurement</p>		
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## Safety and Community

<p>3/2 - Officer Buckle and Gloria</p> <p>1/3 - Fighting the Fire</p>	<p>07-Who Provides Services in a Community?</p> <p>08-How Can I Be a Good Shopper?</p>	<p>08-Properties of Matter</p>	<p>Measurement - Money up to \$1</p> <p>Measurement - Weight/Mass and Capacity/Volume with labels</p>	<p>2:1 - Access valid health information, products and services to enhance health</p> <p>2:3 - Use decision-making skills to enhance health</p>	
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## Community Helpers, Roles and Leadership

<p>2/3 - A Trip to the Emergency Room</p> <p>2/5 - There's Nothing Like Baseball</p> <p>3/1 - Head, Body, Legs</p> <p>5/5 - The Moon</p>	<p>13-What Does a Good Citizen Do?</p> <p>14-What Do Communities Share?</p> <p>12-How Do Leaders Help Their Communities?</p>	<p>12-Earth and Space</p> <p>13-Technology in Our World</p>		<p>3:1 - Practice advocacy, health-enhancing behaviors, and avoidance or reduction of health risks for oneself</p>	
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**... still need to be placed ...  
... or incorporated throughout ...**

Base 10 - Place Value 10 & 100s  
 Base 10 - Name numbers through 1000s  
 Base 10 - Compare and Order through 1000s  
 Add/Subtract - Recall basic facts  
 Add/Subtract - Multi-digit through 3 digits  
 Add/Subtract - Estimate multi-digit problems through 3 digits  
 Add/Subtract - Solve problems with measurement & geometry  
 Measurement - Transitive Property when comparing lengths  
 Measurement - Estimate, measure and compare lengths to solve problems  
 Algebra - Skip Counting, number patterns  
 Algebra - Even or odd numbers  
 Algebra - Generalize patterns using words and tables  
 Algebra - Describe and apply equality to solve problems  
 Algebra - Rules for functions using add and subtract  
 Operations - Solve problems with repeat addition  
 Measurement - Models to demonstrate whole and parts  
 Measurement - Time to nearest half hour



# THIRD GRADE

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Building Community					
1/1 - First Day Jitters 1/3 - Whose Habitat is It? 4/2 - Seven Spools of Thread 4/5 - My Very Own Room		01-Plants and How They Grow 03-Where Plants and Animals Live			

Diversity					
3/2 - One Riddle, One Answer 6/4 - Mother to Tigers	05-What Makes Our Community Diverse? 07-How Are People Around the World Alike and Different?			2:3 - Use decision-making skills to enhance health 2:4 - Use goal-setting to enhance health 3:1 - Practice advocacy, health-enhancing behaviors, and avoidance or reduction of health risks for oneself	

## Writing Workshop - Within a Larger Community

2/5 - Author: A True Story 3/5 - What Do Illustrators Do?	01-Where in the World Is Our Community? 02-Whre in the United States Is Our Community?			3:2 Advocate for individual, peer, school, family, and community health	
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## Nature Is All Around Us

4/3 - Washington Weed Whackers 6/2 - Wilbur's Boast		05-Water 06-Weather 07-Rocks and Soil	Fractions - Represent fractions with area, set and linear models Fractions - Fractional part are equal sized pieces of whole Fractions - Compare and order fractions using models and strategies Fractions - Models to represent fractions		
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## Economics, Trade

5/1 - Boom Town	08-How Does Our Economy Work? 09-How Does Global Trade Affect Our Community?		Operations - Numbers through thousands Operations - Solve non-routine problems		
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## The Changing Earth

1/2 - Dear Juno 3/4 - The Jones Family Express 4/4 - Here's My Dollar 6/3 - An American Hero Flies Again	03-What Is the Geography of Our Community? 04-How Do People Become Part of Our County?	09-Natural Resources 08-Changes on Earth	Data - Construct and analyze tables, graphs and plots Algebra - Create, analyze and represent patterns in multiple ways		
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## Local Government, Maintain a Community

2/1 - The Strongest One 5/4 - The Printer 6/1 - A Castle on Viola Street	06-How Do People Improve Their Communities? 10-What Are the Public Services in Our Community? 11-Who Works at City Hall? 12-How Do We Have a Voice in Our Community?			2:1 - Access valid health information, products and services to enhance health	
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## Animals and Plants – Symbiosis

1/4 - Penguin Chick 1/5 - The Perfect Pet 2/2 - Wolf! 5/5 - Animal Homes		02-How Animals Live 04-Plants and Animals Living Together			
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## Traditions of the Global Community

3/1 - Stone Soup 4/1 - Cook-A-Doodle-Do! 3/3 - Saving the Sand Dunes 5/2 - Beatrice's Goat	13-Whose Planet Is It, Anyway? 14-How Can We Help the Global Community?				
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## Science ... It's All Connected

<p>5/3 - A Carousel of Dreams 6/5 - Home-Grown Butterflies</p>		<p>10-Matter and Its Properties 11-Changes in Matter 12-Forces and Motion 13-Energy 14-Sound</p>	<p>Measurement - Appropriate units to solve perimeter problems Measurement - Measure using fractional parts (1/2, 1/4, 1/10) Measurement - Time to nearest minute and quarter hour</p>		
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## Space

<p>2/4 - The Planets in Our Solar System 2/3 - What's in Store for the Future?</p>		<p>t15-Patterns in the Sky 16-The Solar System 17-Science in Our lives</p>			
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## ... still need to be placed ... ... or incorporated throughout ...

				<p>Multiply/Divide - Model problem in context Multiply/Divide - Solve facts using number properties Multiple/Divide - As inverse operations 2-D Shapes - Describe using appropriate terms 2-D Shapes - Manipulate polygons to make others 2-D Shapes - Examine and apply congruence and symmetry</p>	
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# FOURTH GRADE

## Thematic Units for Project Based Study

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### Character Development

1/1 - The Mystery of the Missing Lunch 4/1 - Dear Mrs. LaRue: Letters from Obedience School 4/2 - The Blind Hunter 5/1 - Because of Winn-Dixie		05-Systems of the Human Body		2:2 - Analyze the influence of family, peers, media, technology and other factors on health behaviors  2:3 - Use decision-making skills to enhance health  2:4 - Use goal-setting to enhance health	
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### Environmental Disasters

1/3 - Animals Come Home to Our National Parks 1/5 - The Raft 4/3 - The Power of Oil 4/4 - Adelina's Whales 4/5 - At Home in the Coral Reef 5/3 - Exploring the Undersea Territory	01-The Geography of Florida 11-Government of the People 04-The Struggle for Florida	03-Ecosystems 04-Changes in Ecosystems 06-Water Cycle and Weather 10-Using Natural Resources	2-D Area - Select appropriate units to estimate and solve problems Algebra - Describe relations using expressions, equations and representations Operations - Use and represent through millions Operations - Estimate and describe reasonableness of estimates Measurement - 3-D object to and from from 2-D representation		
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## Journeying

1/2 - A Walk in the Desert 2/2 - My Diary from Here to There 3/4 - Mystic Horse	t02-The First Floridians 03-Europeans Come to Florida 05-From Territory to State		2-D Area - Describe area as number of same-sized units 2-D Area - Justify 'area = base x height'	2:2 Use interpersonal communication skills to enhance health and avoid or reduce health risks	
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## Finding A Place

2/5 - Dear Mr. Winston 3/1 - Roadrunner's Dance 6/5 - The Life and Times of the Ant		01-Classifying Plans and Animals 02-Energy from Plants			
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## Historical Perspectives

5/5 - Wild Horses 6/1 - The Gold Rush Game 6/2 - The Cricket in Times Square	06-The Civil War and Reconstruction 07-The Development of Florida				
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## Catalysts

	08-New Challenges 09-Riches to Rags to Riches 10-A Changing Society	11-Properties of Matter 12-Heat 07-Hurricanes and Tornadoes		3:2 Advocate for individual, peer, school, family, and community health  3:1 - Practice advocacy, health-enhancing behaviors, and avoidance or reduction of health risks for oneself	
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## Below The Surface

<p>6/3 - Meet a Bone-ified Explorer</p> <p>5/2 - Ranita The Frong Princess</p> <p>5/4 - Me and Uncle Romie</p>		<p>08-Minerals and Rocks</p> <p>09-Changes to Earth's Surface</p>			
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## Looking Forward

<p>3/2 - My Brother Martin</p> <p>3/3 - Kid Reporters At Work</p>	<p>12-Florida Today and Tomorrow</p>	<p>19-Effects of Technology</p>			
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## Waves From Sound To Light

<p>2/3 - Stealing Beauty</p> <p>2/4 - How Ben Franklin Stole the Lightning</p> <p>3/5 - Snoflake Bentley</p>		<p>13-Electricity and Magnetism</p> <p>14-Sound and Light</p>	<p>Decimals - Use through thousandths place</p> <p>Decimals - Extension of base ten system</p> <p>Decimals - Relate equivalent decimals and fractions</p> <p>Decimals - Compare and order decimals and fractions</p>		
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## Sports

<p>2/1 - Mighty Jackie: The Strike-out Queen</p> <p>6/4 - My Brothers' Flying Machine</p>		<p>15-Objects in Motion</p> <p>16-Simple Machines</p>			
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## Beyond The Earth

1/4 - The Astronaut and the Onion		18-Inner and Outer Planets 17-Earth's Cycles		
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## ... still need to be placed ... ... or incorporated throughout ...

			<p>Multiply/Divide - Use and describe multiplication, basic fact recall</p> <p>Multiply/Divide - Multiply multi-digit whole numbers through 4-digits</p> <p>Algebra - Generate rules using all four operations</p> <p>Algebra - Recognize &amp; write 2-operation functions</p> <p>Operations - Models to Represent division in various ways</p> <p>Operations - Generate equivalent and simplify fractions</p> <p>Operations - Determine factors/multiples for whole numbrs</p> <p>Operations - Relate halves, fourths, tenths and hundreths to decimal and percent</p> <p>Measurement - Classify angels using 45-, 90-, 180- and 360-degrees</p> <p>Measurement - Describe translation, reflection and rotations</p>	<p>2:1 - Access valid health information, products and services to enhance health</p> <p>2:1 - Comprehend concepts related to health promotion and disease prevention to enhance health</p>	
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# KINDERGARTEN

## Thematic Units for Project Based Study

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... Yet To Be Categorized ...					
	01-Who Am I? 02-What Is a Family? 03-How Do I Get Along with Others? 04-How Do I Make Friends? 05-How Do I Solve Problems with Others? 06-How Can I Be a Good Helper at School? 07-What Is in My Neighborhood? 08-Where Am I in the World? 09-How Do People Live Around the World? 10-How Can I Help Take Care of the World?	01-Needs of Plants and Animals 02-Growing and Changing 03-Plants and Animals All Around 04-Our Land, Water, and Air 05-Weather and Seasons 06-Matter 07-Heat and Light 08-How Things Move 09-Day and Night 10-How Things Work	Whole #s - Represent quantities through 20 with numbers Whole #s - Solve problem using counting up to 20 Whole #s - Solve word problems by joining situations Shape/Space - Describe and sort objects using shape, size and position Shape/Space - ID, name, describe 2-D shapes Shape/Space - ID, name, describe 3-D shapes Shape/Space - Interpret and describe physical world Shape/Space - Use shapes, spatial reasoning, and manipulatives to construct Measurement - ID and dupliace simple patterns Measurement - Compare and order items based on length, height, weight Measurement - Understand concept of time identifiers (i.e. morning, night, month, week)	1:1 - Comprehend concepts related to health promotion and disease prevention to enhance health 1:2 - Analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors 2:1 - Access valid health information, products, services to enhance health 2:2 - Use interpersonal communication skills to enhance health & avoid or reduce risks 2:3 - Use decision-making skills to enhance health 2:4 - Use goal-setting skills to enhance health 3:1 - Practice advocacy, health-enhancing behaviors, and avoidance or reduction of health risks for oneself 3:2 - Advocate for individual, peer, school, family and community health	