

CURRICULUM *Correlation*

*Waterford Early
Learning:*

*Reading, Math
& Science,
and Classroom
Advantage*

98.5%

*Union County
Public Schools
Goals and
Objectives
2019-2020*

TABLE OF CONTENTS

KINDERGARTEN	1
MATHEMATICS	1
1. Counting and Cardinality	1
2. Operations and Algebraic Thinking	1
3. Number and Operations in Base Ten	2
4. Measurement and Data	2
5. Geometry	2
SOCIAL STUDIES	3
SCIENCE CONCEPTS:	4
Physical Science: Force and Motion/ Matter Properties and Change	4
Earth Science: Earth Systems, Structures and Processes	4
Life Science: Structures and Functions of Living Organism	5
READING	5
Phonemics Awareness/Phonics/Decoding Skills	5
Reading Strategies: Uses Strategies to Gain Control of Print.	6
Writing Process	8
Writing Products	9
Characteristics of a Writer	10
FIRST GRADE	11
MATHEMATICS	11
1. Operations and Algebraic Thinking	11
2. Number and Operations in Base Ten	13
3. Measurement and Data	14
4. Geometry	15
SOCIAL STUDIES	15
SCIENCE CONCEPTS	16
Physical Science: Force and Motion	16
Earth Science: Earth in the Universe/ Earth Systems, Structures & Processes	16
Life Science: Ecosystems/Genetics	17

READING	17
Reading Comprehension	17
Characteristics of a Reader	19
Phonemic Awareness/Phonics/ Decoding Skills	20
Reading Strategies	22
Writing Process	23
Written Products	23
Characteristics of a Writer	24
Conventions and Mechanics	25
SECOND GRADE	26
MATHEMATICS	26
1. Operations and Algebraic Thinking	26
2. Number and Operations in Base Ten	27
3. Measurement and Data	28
4. Geometry	29
SOCIAL STUDIES	29
SCIENCE CONCEPTS	29
Physical Science: Force and Motion/ Matter: Properties and Change ..	29
Earth Science: Earth Systems, Structures & Processes	30
Life Science: Structures and Functions of Living Organisms/ Genetics	30
READING	30
Reading Comprehension	30
Phonics/Decoding Skills	33
Reading Strategies	33
Written Products	35
Characteristics of a Writer	36
Conventions and Mechanics	37
BOOKS AND RELATED ACTIVITIES	39
FAMILY ENGAGEMENT RESOURCES	42

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
KINDERGARTEN		
MATHEMATICS		
1. COUNTING AND CARDINALITY		
a. Know number names and the count sequence	<ul style="list-style-type: none"> • Number Songs • Counting Songs (See titles at end of document.) • Order Numbers • Number Instruction 	
b. Count to tell the number of objects	<ul style="list-style-type: none"> • Counting Songs (See titles at end of document.) • Make and Count Groups • Match Numbers • Number Instruction • One-to-one Correspondence 	
c. Compare numbers	<ul style="list-style-type: none"> • Songs: Greater Than, Less Than; More Than, Fewer Than • Book: For the Birds • More Than, Fewer Than • More Than • Match Numbers • Make and Count Groups 	
2. OPERATIONS AND ALGEBRAIC THINKING		
a. Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.	<ul style="list-style-type: none"> • Songs: Pirates Can Add; On the Bayou; Addition; Bakery Subtraction; Circus Subtraction • Addition • Subtraction • Act Out Addition • Act Out Subtraction 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
3. NUMBER AND OPERATIONS IN BASE TEN.		
a. Work with numbers 11-19 to gain foundations for place value		<ul style="list-style-type: none"> Tens and ones.pdf: Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation; understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones. <ul style="list-style-type: none"> Place Value 11-19
4. MEASUREMENT AND DATA		
a. Describe and compare measurable attributes	<ul style="list-style-type: none"> Songs: Measuring Plants; Savanna Size; Large, Larger, Largest Size Length Weight Heavy and Light Tall and Short Big and Little 	
b. Classify objects and count the number of objects in each category	<ul style="list-style-type: none"> Song: All Sorts of Laundry Book: Buttons, Button Sort 	
5. GEOMETRY		
a. Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders and spheres)	<ul style="list-style-type: none"> Songs: Shapes, Shapes, Shapes; Kites; Corners and Sides Books: The Shape of Things; Imagination Shapes Simple Shapes Solid Shapes World Shapes Circle, Square, Triangle, Rectangle Oval, Star, Semicircle, Diamond, Octagon 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
5. GEOMETRY <i>continued</i>		
b. Analyze, compare, create and compose shapes	<ul style="list-style-type: none"> • Songs: Shapes, Shapes, Shapes; Kites; Corners and Sides • Books: The Shape of Things; Imagination Shapes • Simple Shapes • Solid Shapes • World Shapes • Circle, Square, Triangle, Rectangle • Oval, Star, Semicircle, Diamond, Octagon • Geoboard • Tangrams 	
SOCIAL STUDIES		
History: Understand change over time.	<ul style="list-style-type: none"> • Song: Seasons • Book: That's What I Like: A Book About Seasons • Spring • Summer • Fall • Winter 	
Geography and Environmental Literacy: Use geographic representations and terms to describe surroundings. Understand the interaction between humans and the environment.	<ul style="list-style-type: none"> • Songs: Pollution Rap; I Am Part of All I See; Conservation • Pollution and Recycling • Care of Water • Care of Earth 	
Economics and Financial Literacy: Understand basic economic concepts.	<ul style="list-style-type: none"> • Book: Follow the Apples 	
Civics and Governance: Understand the roles of a citizen		
Culture: Understand how individuals are similar and different.	Waterford is committed to creating a diverse learning experience that connects with early learners from all backgrounds.	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
SCIENCE CONCEPTS:		
PHYSICAL SCIENCE: FORCE AND MOTION/ MATTER PROPERTIES AND CHANGE		
Understand the positions and motions of objects and organisms observed in the environment.	<ul style="list-style-type: none"> • Songs: Get Over the Bugs; Positioning; Push and Pull • Book: Up in the Air • Inside, Outside, Between • Over, Under, and Through • Over, Under, Above, Below • Above, Below, Next to, On • First, Next, Last • First, Middle, Last • Push and Pull 	
Understand how objects are described based on their physical properties and how they are used.	<ul style="list-style-type: none"> • Songs: Measuring Plants; Savanna Size; Large, Larger, Largest • Size • Order Size • Length • Weight • Heavy and Light • Tall and Short • Big and Little • Magnets • Science Investigation 	
EARTH SCIENCE: EARTH SYSTEMS, STRUCTURES AND PROCESSES		
Understand change and observable patterns of weather that occur from day to day and throughout the year	<ul style="list-style-type: none"> • Songs: Seasons; Precipitation • Book: That's What I Like: A Book About Seasons • Spring • Summer • Fall • Winter • Sun • Moon • Weather • Clouds 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
LIFE SCIENCE: STRUCTURES AND FUNCTIONS OF LIVING ORGANISM		
<p>Compare characteristics of animals that make them alike and different from other animals and nonliving things.</p>	<ul style="list-style-type: none"> • Songs: Plants Are Growing; Plant or Animal; Food From Plants; Living and Nonliving • Books: That’s What I Like: A Book About Seasons; Everybody Needs to Eat • Food From Plants • Plants • Water • Sun • Mammals • Birds • Fish • Amphibians • Reptiles • Insects • Invertebrates • Living or Nonliving 	
READING		
PHONEMICS AWARENESS/PHONICS/DECODING SKILLS:		
<p>Understands that letters represent sounds</p>	<ul style="list-style-type: none"> • Letter Sound Songs • Letter Sound • Letter Sound Screening • Sound Room • Name That Letter Sound 	
<p>Understands that spoken language consists of sounds that can be identified</p>	<p>Waterford phonological awareness activities progress from chunks of sounds such as rhyming and syllables to hearing and manipulating individual phonemes.</p> <ul style="list-style-type: none"> • Letter Sound Songs • Letter Sounds • Sound Room • Where is the Sound? 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
PHONEMICS AWARENESS/PHONICS/DECODING SKILLS <i>continued</i>:		
Recognizes most beginning consonant letter-sound associations in one-syllable words	<ul style="list-style-type: none"> • Initial Sound • Right Initial Sound • Where Is the Sound? • Letter Sound Songs • Letter Sound • Letter Sound Screening • Sound Room • Name That Letter Sound 	
Begins to blend letter-sounds into one-syllable words	<ul style="list-style-type: none"> • Blend Onset/Rime Sounds • Blending • Blending Riddles • Blending Dragon • Blend Every Sound (Phonemes) • Blend Phonemes • Find the Picture 	
Recognizes names and sounds of upper and lower case letters	<ul style="list-style-type: none"> • ABC Songs • Mama Squirrel’s Sound Song • Letter Sound Songs • Letter Sound • Letter Sound Screening • Sound Room • Name That Letter Sound 	
Recognizes and produces rhyming words	<ul style="list-style-type: none"> • Rhyme • Rhyme Match • Finish the Picture • One Doesn’t Rhyme • Rhyming Words • Sing a Rhyme Songs/Books (See titles at end of document.) 	
READING STRATEGIES: USES STRATEGIES TO GAIN CONTROL OF PRINT.		
Knows the front/back of a book	<p>Prior to reading each online story, the front cover of the book is displayed on the screen and the name of the title, author, and illustrator are highlighted and read aloud.</p> <ul style="list-style-type: none"> • Print Directionality Introduction 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING STRATEGIES: USES STRATEGIES TO GAIN CONTROL OF PRINT <i>continued.</i>		
Turns pages correctly	<ul style="list-style-type: none"> Print Directionality Introduction 	
Knows that print is read left to right and top to bottom	All online books and text within the software illustrate left-to-right, top-to-bottom, return-sweep, and letter-spacing motions. Lessons highlight text for the learner which helps show the sequence of print.	
Points to words one-to-one as teacher reads	Print Directionality Introduction includes a graphic of a hand pointing a finger to words, one-to-one, as the narrator reads.	
Knows concepts of word and letter	<ul style="list-style-type: none"> Print Concepts Print Directionality Alphabet Introduction (Distinguish Letters) Letters Make Words 	
Knows where to begin reading	<ul style="list-style-type: none"> Print Concepts Print Directionality 	
Knows letters in own name and letters in environment	<ul style="list-style-type: none"> ABC Songs Alphabet Review (Distinguish Letters) Pick the Letter (Letter Checker) Fast Letter Fun Hidden Letters Hidden Pictures Letter Pictures Similarities and Differences in Letters Find the Letter Name That Letter Name Game (What's Your Name?) 	
Recognizes some words by sight	<ul style="list-style-type: none"> Read With Me Books (See titles at end of document.) Power Words 	
Uses pictures for meaning	<ul style="list-style-type: none"> Picture Story Words Tell About the Picture 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
WRITING PROCESS:		
Uses strategies to gain control of print	<ul style="list-style-type: none"> • Dots, Lines, and Circles • Letter Pictures • Letter Trace (Letter Picture Writing) 	
“Reads,” understands and explains own writing	Waterford encourages everyone to have writing, drawing, and art materials available for children’s creations. <ul style="list-style-type: none"> • Letters Make Words • Words Tell About the Picture 	
Writes left to right and top to bottom	All online books and text within the software illustrate left-to-right, top-to-bottom, return-sweep, and letter-spacing motions. Lessons highlight text for the learner which helps show the sequence of print. <ul style="list-style-type: none"> • Print Concepts 	
Uses letters of own name in writing	<ul style="list-style-type: none"> • Name Game (What’s Your Name?) • Letter Trace (Letter Picture Writing) 	
Writes signs, letters and symbols from environment	Waterford encourages everyone to have writing, drawing, and art materials available for children’s creations. <ul style="list-style-type: none"> • Dots, Lines, and Circles • Letter Trace (Letter Picture Writing) 	
Uses letter-sound knowledge (phonics) to spell unknown words	<ul style="list-style-type: none"> • Letter Sound Songs • Letter Sound • Letter Sound Screening • Sound Room • Name That Letter Sound 	<ul style="list-style-type: none"> • Simple phonetic spelling.pdf: Spell simple words phonetically, drawing on knowledge of sound-letter relationships. <ul style="list-style-type: none"> - Spelling by Sound Activity

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
WRITING PRODUCTS:		
Writes personal stories, informational texts, and opinion pieces	<ul style="list-style-type: none"> Letter Trace (Letter Picture Writing) 	<ul style="list-style-type: none"> Writing narratives.pdf: Use a combination of drawing, dictating, and writing to narrate a single event or several loosely linked events, tell about the events in the order in which they occurred, and provide a reaction to what happened. Writing with facts.pdf: Use a combination of drawing, dictating, and writing to compose informative/ explanatory texts in which they name what they are writing about and supply some information about the topic. Writing with opinions.pdf: Use a combination of drawing, dictating, and writing to compose opinion pieces in which they tell a reader the topic or the name of the book they are writing about and state an opinion or preference about the topic or book (e.g., My favorite book is...).
Writes own name	<ul style="list-style-type: none"> Name Game (What's Your Name?) Letter Trace (Letter Picture Writing) 	
Uses drawings and writing to support ideas	<ul style="list-style-type: none"> Letter Trace (Letter Picture Writing) Dots, Lines, and Circles 	<ul style="list-style-type: none"> Expressing ideas through pictures.pdf: Add drawings or other visual displays to descriptions as desired to provide additional details. <ul style="list-style-type: none"> My Favorite Things
Retells stories using pictures and print	<ul style="list-style-type: none"> Dots, Lines, and Circles Letter Pictures Letter Trace (Letter Picture Writing) 	
Communicates thoughts and ideas through writing		<ul style="list-style-type: none"> Writing with opinions.pdf: Use a combination of drawing, dictating, and writing to compose opinion pieces in which they tell a reader the topic or the name of the book they are writing about and state an opinion or preference about the topic or book (e.g., My favorite book is...). Write With Me
Writes/draws signs, labels and notes to record ideas	<ul style="list-style-type: none"> Dots, Lines, and Circles Letter Pictures Letter Trace (Letter Picture Writing) 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
WRITING PRODUCTS <i>continued</i>:		
Labels items in drawings.	<ul style="list-style-type: none"> • Dots, Lines, and Circles • Letter Pictures • Letter Trace (Letter Picture Writing) 	
CHARACTERISTICS OF A WRITER:		
Prefers a particular piece of writing or story		<ul style="list-style-type: none"> • Writing with opinions.pdf: Use a combination of drawing, dictating, and writing to compose opinion pieces in which they tell a reader the topic or the name of the book they are writing about and state an opinion or preference about the topic or book (e.g., My favorite book is...). <ul style="list-style-type: none"> - Write With Me
Contributes to group stories		<ul style="list-style-type: none"> • Collaborative writing.pdf: Participate in shared research and writing projects (e.g., explore a number of books by a favorite author and express opinions about them). <ul style="list-style-type: none"> - Think and Write Activity - I Go... - At Camp - Together - Opposites
Writes during choice time	Waterford encourages everyone to have writing, drawing, and art materials available for children's creations.	
Sees self as a writer		<ul style="list-style-type: none"> • Expressing ideas through pictures.pdf: Add drawings or other visual displays to descriptions as desired to provide additional details. <ul style="list-style-type: none"> - My Favorite Things
Writes to convey meaning	<ul style="list-style-type: none"> • Dots, Lines, and Circles • Letter Pictures • Letter Trace (Letter Picture Writing) 	
Has knowledge of difference between pictures and print	<ul style="list-style-type: none"> • Print Concepts • Print Directionality • Words Tell About the Pictures 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
CHARACTERISTICS OF A WRITER <i>continued</i>:		
Writes to express ideas and opinions	<ul style="list-style-type: none"> • Dots, Lines, and Circles • Letter Pictures • Letter Trace (Letter Picture Writing) 	<ul style="list-style-type: none"> • Expressing ideas through pictures.pdf: Add drawings or other visual displays to descriptions as desired to provide additional details. <ul style="list-style-type: none"> - My Favorite Things
Writes to share knowledge		<ul style="list-style-type: none"> • Recalling information.pdf: With guidance and support from adults, recall information from experiences or gather information from provided sources to answer questions. <ul style="list-style-type: none"> - Andy's Adventures - At Camp - I Go... - Together - Opposites
FIRST GRADE		
MATHEMATICS		
1. OPERATIONS AND ALGEBRAIC THINKING		
a. Represent and solve problems involving addition and subtraction	<ul style="list-style-type: none"> • Songs: Addition; Pirates Can Add; On the Bayou; Bakery Subtraction; Subtract Those Cars; Circus Subtraction • Book: Five Delicious Muffins • Make and Count Groups • Add Groups • Subtract Groups • Act Out Addition • Act Out Subtraction 	
b. Understand and apply properties of operations and the relationship between addition and subtraction	<ul style="list-style-type: none"> • Songs: Fact Families; Doubles • Book: Facts About Families • Addition and Subtraction Fact Families • Addition and Subtraction Relationship 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
1. OPERATIONS AND ALGEBRAIC THINKING <i>continued</i>		
c. Add and subtract within 20	<ul style="list-style-type: none"> • Songs: Fact Families; Counting On • Books: Facts about Families; Circus 20; Painting by Number • Addition and Subtraction Fact Families • Addition Sentences • Subtraction Sentences • Commutative Property of Addition • Addition and Subtraction Relationship • Missing Addends • Missing Minuends and Subtrahends • Add 3 One-digit Numbers • Subtraction Patterns 	<ul style="list-style-type: none"> • Add and subtract within 20.pdf: Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. <ul style="list-style-type: none"> - The Three Little Bears - Fact Family Bingo - A Graph of Fact Families - Bean Facts - Draw a Picture - Addition - Number Pyramid - Subtraction Sentences - Model the Story - Fact Families - Add _ and 1-5 - Add _ and 6-10 - Order Property of Addition - Add Doubles +1 to 11 - Add Doubles to 20 - Add Doubles +1 to 21) - Make 10 - Subtract _ from - Subtract - Subtraction Patterns - Fact Families to 10 - Fact Families to 20 - Add and Subtract Doubles to 10 - Add and Subtract Doubles to 20 <i>Sets of flashcards:</i> <ul style="list-style-type: none"> - Addition—Horizontal and Vertical - Subtraction—Horizontal and Vertical
d. Work with addition and subtraction equations	<ul style="list-style-type: none"> • Addition and Subtraction Relationship • Addition and Subtraction Fact Families • Subtraction Patterns • Commutative Property of Addition 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
2. NUMBER AND OPERATIONS IN BASE TEN		
a. Extend the counting sequence	<ul style="list-style-type: none"> • Song: Counting On • Books: Painting by Number; Circus 20; Hooray, Hooray for the One Hundredth Day! • Count On • Number Recognition and Sense • Number Chart 	
b. Understand place value	<ul style="list-style-type: none"> • Song: Place Value • Place Value of 2-digit Numbers • Expanded Notation • Add with Manipulatives • Flower Story Problems 	<ul style="list-style-type: none"> • Tens as a bundle of ones.pdf: 10 can be thought of as a bundle of ten ones—called a “ten.” <ul style="list-style-type: none"> - Popsicles to Ten
c. Use place value understanding and properties of operations to add and subtract	<ul style="list-style-type: none"> • Addition • Add Tens • Doubles • Doubles Plus 1 • Add with Manipulatives • Add Vertical Squares • Addition and Subtraction Relationship • Story Problem Strategies • Mental Math Games • Add with Regrouping Concept • Add 2-digit and 1-digit Numbers with Regrouping • Add 2-digit Numbers without Regrouping • Add 2-digit Numbers with Regrouping 	<ul style="list-style-type: none"> • Adding within 100.pdf: The numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones). <ul style="list-style-type: none"> - Drawing Tens - Beans, Beans, and More Beans - The Kingdom of Popsicle Stick-Filled Purses - Straws and Macaroni - Bean Addition - Newsletter - Adding Tens and Ones - Color Adds Up - Cookies and Milk! - Addition of Two-Digit Numbers - Addition and Subtraction of Large Numbers

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
3. MEASUREMENT AND DATA		
<p>a. Measure lengths indirectly and by iterating length units</p>	<ul style="list-style-type: none"> • Length • Nonstandard Units of Length • Story Problem Strategies • Problem Solving • Problem Solving Strategies 	<ul style="list-style-type: none"> • Length Measurement.pdf: Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps. <ul style="list-style-type: none"> - Measures of Me - Measure a Handful - Estimating Length - A Fruit and Vegetable - Measure Up! Inches/Centimeters Rulers
<p>b. Tell and write time</p>	<ul style="list-style-type: none"> • Song: Clock Hands • Books: Mr. Romano’s Secret: A Time Story; How Long is a Minute? • Tell Time to the Hour • Tell Time to the Half-Hour • Compare Minutes to Hours • Sequence Times • Order Numbers on a Clock 	<ul style="list-style-type: none"> • Hours and Half-hours.pdf: Tell and write time in hours and half-hours using analog and digital clocks. <ul style="list-style-type: none"> - What Comes After, Before, Or Between? - Make Your Own Clock - Learning to Tell Time - Matching Time - What Numbers are Missing? - What Time Is It? - Time of Day - Clock flashcards

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
3. MEASUREMENT AND DATA <i>continued</i>		
c. Represent and interpret data	<ul style="list-style-type: none"> • Songs: Tallying; Graphing • Books: One More Cat; Painting by Number • Tally Marks • Problem Solving Strategy: Make a Graph, Make a Table • Graphs • Make a Table • Story Problem Strategies: Graphs 	<ul style="list-style-type: none"> • Data Categorization.pdf: Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another. <ul style="list-style-type: none"> - Ice Cream Sundae - Make A Real Object Graph - Make a Weather Bar Graph - Weather Flashcards - Our Favorite Foods - Make a Graph - Make a table - How Many? - Bugs! - Use Graphs and Tables - How Big is Your Family?
4. GEOMETRY		
a. Reason with shapes and their attributes	<ul style="list-style-type: none"> • Songs: Corners and Sides; Kites • Geoboard • Space Shapes 	
SOCIAL STUDIES		
History: Understand that history tells a story of how people and events changed society over time.	<ul style="list-style-type: none"> • Books: Sequoyah’s Talking Leaves; The Story Cloth; The Pizza Book; Discovering Dinosaurs; The Courage to Learn; Reaching Above 	
Geography and Environmental Literacy: Use geographic representations, terms, and technologies to understand their surroundings. Understand how humans and the environment interact in the local community.	<ul style="list-style-type: none"> • Songs: I Am Part of All I See; Four Ecosystems; Pollution Rap; Conservation • Books: Where In the World Would You Go Today?; Your Backyard • Ecosystems • Pollution and Recycling • Care of Earth • Care of Water 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
SOCIAL STUDIES <i>continued</i>		
Economics and Financial Literacy: Understand basic economic concepts.	<ul style="list-style-type: none"> • Books: Follow the Apples; Bugs For Sale 	
Civics and Governance: Understand the importance of rules.		
Culture: Understand the diversity of people in the local community.	Waterford is committed to creating a diverse learning experience that connects with early learners from all backgrounds.	
SCIENCE CONCEPTS		
PHYSICAL SCIENCE: FORCE AND MOTION		
Understand how forces (pushes or pulls) affect the motion of an object.	<ul style="list-style-type: none"> • Song: Push and Pull • Push and Pull 	
EARTH SCIENCE: EARTH IN THE UNIVERSE/ EARTH SYSTEMS, STRUCTURES & PROCESSES		
Recognize the features and patterns of the earth/moon/sun system as observed from Earth.	<ul style="list-style-type: none"> • Songs: Seasons; Sun Blues; The Moon • Book: That's What I Like: A Book About Seasons • Sun • Moon • Spring • Summer • Fall • Winter 	
Understand the physical properties of Earth materials that make them useful in different ways.	<ul style="list-style-type: none"> • Science Investigation • Magnets • Rocks • Water 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
LIFE SCIENCE: ECOSYSTEMS/GENETICS		
Understand characteristics of various environments and ways humans protect their environment.	<ul style="list-style-type: none"> • Songs: I Am Part of All I See; Conservation; Seasons; Pollution Rap • Book: That's What I Like: A Book About Seasons • Rainforests • Mountains • Oceans • Desert • Pollution and Recycling • Care of Earth • Care of Water • Spring • Summer • Fall • Winter 	
Summarize the needs of living organisms for energy and growth	<ul style="list-style-type: none"> • Songs: Plants Are Growing; Food From Plants • Book: Everybody Needs to Eat • Food From Plants • Plants • Water • Sun • Mammals • Birds • Fish • Amphibians • Reptiles • Insects • Invertebrates 	
READING		
READING COMPREHENSION:		
Reads picture books, poems, short chapter books and informational text.	<ul style="list-style-type: none"> • Traditional Tales • Read-Along Books • Informational Books (See titles at end of document.) 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING COMPREHENSION <i>continued</i>:		
Predicts story events.	<ul style="list-style-type: none"> • Peek at the Story 	
Identifies main idea and details.	<ul style="list-style-type: none"> • Recall Details • Ask a Question • Sum Up—Five W’s • Traditional Tales (See titles at end of document.) 	<ul style="list-style-type: none"> • Key details.pdf: Ask and answer questions about key details in a text. <ul style="list-style-type: none"> - The Three Little Pigs - Anansi and the Seven Yarn Hills - Mr. Lucky Straw
Retells story events in sequence	<ul style="list-style-type: none"> • Recall Details • Sum Up—Remember Order • Sum Up—Five W’s • Traditional Tales (See titles at end of document.) 	<ul style="list-style-type: none"> • Story retelling.pdf: Retell stories, including key details, and demonstrate understanding of their central message or lesson. <ul style="list-style-type: none"> - The Three Little Pigs - Mr. Lucky Straw
Interprets, classifies and organizes information from text.	<ul style="list-style-type: none"> • Map the Story • Compare Characters • Sum Up—Remember Order • Sum Up—Five W’s • Traditional Tales (See titles at end of document.) 	<ul style="list-style-type: none"> • Describe the story.pdf: Describe characters, settings, and major events in a story, using key details. <ul style="list-style-type: none"> - The Three Little Pigs
Draws from prior knowledge.	<ul style="list-style-type: none"> • Connect to Me • Build Knowledge 	
Uses prior knowledge to make sense of text.	<ul style="list-style-type: none"> • Connect to Me • Build Knowledge 	
Describes characters, using key details and illustrations.	<ul style="list-style-type: none"> • Describe Characters • Recall Details • Sum Up—Five W’s • Sum Up—Remember Order • Traditional Tales (See titles at end of document.) • Peek at the Story 	<ul style="list-style-type: none"> • Describe the story.pdf: Use illustrations and details in a story to describe its characters, setting, or events. <ul style="list-style-type: none"> - The Gingerbread Man - The Little Red Hen - The City Mouse and the Country Mouse - The Brothers
Identifies who is telling the story in texts	<ul style="list-style-type: none"> • Books: The Brothers; The City Mouse and the Country Mouse; Mr. Lucky Straw; The Three Wishes; The Gingerbread Man; Lizard and the Painted Rock; The Shoemaker and the Elves 	<ul style="list-style-type: none"> • Who is telling the story.pdf: Identify who is telling the story at various points in a text. <ul style="list-style-type: none"> - Who Is the Speaker? - The Brothers - The City Mouse and the Country Mouse

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING COMPREHENSION <i>continued</i>:		
Compares and contrasts the experiences of characters in stories	<ul style="list-style-type: none"> • Describe Characters • Compare Characters • Traditional Tales (See titles at end of document.) 	<ul style="list-style-type: none"> • Character experiences.pdf: Compare and contrast the adventures and experiences of characters in stories. <ul style="list-style-type: none"> - The City Mouse and the Country Mouse
Knows and uses text features to locate information in text.	<ul style="list-style-type: none"> • Reading Detective (Build Vocabulary) 	<ul style="list-style-type: none"> • Locating key facts.pdf: Know and use various text features to locate key facts or information in a text. <ul style="list-style-type: none"> - How to Grow a Garden
Compares and contrasts information in two texts on the same topic.	<ul style="list-style-type: none"> • Informational Books (See titles at end of document.) 	<ul style="list-style-type: none"> • Find the similarity between two texts.pdf: Identify basic similarities and differences between two texts on the same topic. <ul style="list-style-type: none"> - How to Grow a Garden - Growing Flowers
CHARACTERISTICS OF A READER:		
Expects text to make sense	<ul style="list-style-type: none"> • Song: Rusty and Rosy's Clues • Look for a Clue • Use a Clue 	
Selects books for own reading	<ul style="list-style-type: none"> • Play and Practice: Books 	
Talks about self as a reader	<ul style="list-style-type: none"> • Watch Me Read 	
Reads with expression	<ul style="list-style-type: none"> • Traditional Tales • Read-Along Books (See titles at end of document.) • Expression: Phrases; Quotations; Questions; Pauses; Exclamations 	
Relates reading to personal experience	<ul style="list-style-type: none"> • Connect to Me 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
CHARACTERISTICS OF A READER <i>continued</i>:		
Reads for information	<ul style="list-style-type: none"> • Informational Books (See titles at end of document.) 	<ul style="list-style-type: none"> • Informational reading.pdf: With prompting and support, read informational texts appropriately complex for grade 1. <ul style="list-style-type: none"> - Water is All Around - Animal Bodies - I Wish I Had Ears Like a Bat - I Want to Be a Scientist Like Jane Goodall - I Want to Be a Scientist Like George Washington Carver - I Want to Be a Scientist Like Wilbur and Orville Wright
Reads for enjoyment	<ul style="list-style-type: none"> • Traditional Tales • Read-Along Books (See titles at end of document.) • Step Into the Story • Imagine Beyond 	
PHONEMIC AWARENESS/PHONICS/ DECODING SKILLS:		
Knows and applies grade-level phonics and word analysis skills in decoding words	<ul style="list-style-type: none"> • Songs: Consonants Together; C-K Rap, P-H and G-H Say Fff; Sheep in the Shadows; Lazy Letter Q; T-H Has Two Sounds; Chip, Chop; Where is a Whale? • Word Mastery • Sound Room-Digraphs • Pattern Hunt • Spell and Blend • Name That Sound • Word Pattern Spelling • Letter Sound Screening • Word Blending • Say and Trace 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
PHONEMIC AWARENESS/PHONICS/ DECODING SKILLS <i>continued</i>:		
Separates/blends the sounds from one-syllable words	<ul style="list-style-type: none"> • Blend Phonemes • Blend Onset/Rime Sounds • Blending • Blend Every Sound (Phonemes) • Blending Dragon • Blending Riddles • Word Blending • Find the Picture • Phoneme Segmentation 	
Changes the beginning, middle and ending sounds to produce new words	<ul style="list-style-type: none"> • Circus Clown Climbers • One, Two, Three Sounds • Barnyard Bash • Change One Sound 	
Counts the syllables in a word	<ul style="list-style-type: none"> • Syllables • Syllable Safari 	
Uses phonics to decode regular one-syllable words	<ul style="list-style-type: none"> • Songs: Consonants Together; Sneaky Magic E; C and G; Key Words • Word Mastery • Letter Sound • Name That Sound • Watch Me Read • Key Word Match • Pattern Hunt • Word Construction • Say and Trace 	<ul style="list-style-type: none"> • Single syllable letter patterns.pdf: Decode regularly spelled one-syllable words. <ul style="list-style-type: none"> - Readable Books/Letter Patterns Activities Chart - Pattern Word Blending - Consonant Blending - Pattern Word Building - Digraphs:-tch, ch - Pattern Word Games - Reading Tricks - Word Building Activity - Letter Cards - Key Word Cards - Unit Worksheets

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING STRATEGIES:		
Uses pictures for meaning	<ul style="list-style-type: none"> • Describe Characters • Recall Details • Sum Up—Five W’s • Sum Up—Remember Order • Traditional Tales (See titles at end of document.) • Peek at the Story 	<ul style="list-style-type: none"> • Describe the story.pdf: Use illustrations and details in a story to describe its characters, setting, or events. <ul style="list-style-type: none"> - The Gingerbread Man - The Little Red Hen - The City Mouse and the Country Mouse - The Brothers
Predicts words by beginning sounds, ending sounds, and letter clusters	<ul style="list-style-type: none"> • Choose a Sound • Initial Sounds • Right Initial Sound • Final Sound • Right Final Sound 	
Predicts and checks for meaning	<ul style="list-style-type: none"> • Song: Look for a Clue • Rusty and Rosy’s Clues • Mystery Words • Use a Clue • Watch Me Read 	
Uses a variety of strategies to solve unknown words	<ul style="list-style-type: none"> • Song: Look for a Clue • Rusty and Rosy’s Clues • Mystery Words • Use a Clue • Watch Me Read 	<ul style="list-style-type: none"> • Word recognition.pdf: Use context to confirm or self-correct word recognition and understanding, rereading as necessary. <ul style="list-style-type: none"> - Use-a-clue
Rereads to check predictions for accuracy	<ul style="list-style-type: none"> • Peek at the Story • Check My Guess 	<ul style="list-style-type: none"> • Word recognition.pdf: Use context to confirm or self-correct word recognition and understanding, rereading as necessary. <ul style="list-style-type: none"> - Use-a-clue
Uses commas, punctuation and quotation marks to read fluently	<ul style="list-style-type: none"> • Song: Sentence Marks Sentence Marks • Expression: Phrases; Quotations; Questions; Pauses; Exclamations 	
Has a purpose for reading	<ul style="list-style-type: none"> • Readable Books • Traditional Tales (See titles at end of document.) • Expression Instruction • Fluency Speed 	<ul style="list-style-type: none"> • Reading check.pdf: Read on-level text with purpose and understanding. <ul style="list-style-type: none"> - Waterford Books

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING STRATEGIES <i>continued</i>:		
Recognizes many common words to aid fluency and comprehension	<ul style="list-style-type: none"> • Power Words Vocabulary 	
WRITING PROCESS:		
Uses strategies for planning a story	<ul style="list-style-type: none"> • Prewrite: Word Bank; Title; Mapping 	
Uses prewriting strategies with teacher direction(example: drawing, brainstorming or listing ideas)	<ul style="list-style-type: none"> • Prewrite: Word Bank; Title; Mapping 	
Revises writing	<ul style="list-style-type: none"> • Revise: Add Details; Start Sentences Differently; Delete Extra Words; Use Interesting Words; Stick to the Topic 	
Expands on a story, poem or informational text	<ul style="list-style-type: none"> • First Draft • Revise: Add Details; Start Sentences Differently; Use Interesting Words; Stick to the Topic • Step Into the Story • Imagine Beyond 	
Experiments with sentence patterns	<ul style="list-style-type: none"> • Song: What is a Sentence?; Sentence Marks • Revise: Start Sentences Differently • Sentences • Sentence Marks 	
WRITTEN PRODUCTS:		
Writes lists, captions, signs, notes and letters	<ul style="list-style-type: none"> • Dots, Lines, and Circles • Letter Pictures • Letter Trace (Letter Picture Writing) 	
Writes about an experience		<ul style="list-style-type: none"> • Writing narratives.pdf: Write narratives in which they recount two or more appropriately sequenced events, include some details regarding what happened, use temporal words to signal event order, and provide some sense of closure. <ul style="list-style-type: none"> - Narrative Writing Activities
Uses words/pictures to express ideas		<ul style="list-style-type: none"> • Expressing ideas through pictures.pdf: Add drawings or other visual displays to descriptions as desired to provide additional details. <ul style="list-style-type: none"> - My Favorite Things

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
WRITTEN PRODUCTS <i>continued</i>:		
Draws and writes to record ideas/ observations		<ul style="list-style-type: none"> Recalling information.pdf: Participate in shared research and writing projects (e.g., explore a number of ‘how-to’ books on a given topic and use them to write a sequence of instructions). <ul style="list-style-type: none"> The Writing Process (including Proofreading Chart)
Writes to persuade or give an opinion.		<ul style="list-style-type: none"> Writing with opinions.pdf: Write opinion pieces in which they introduce the topic or name the book they are writing about, state an opinion, supply the reason for the opinion, and provide some sense of closure. <ul style="list-style-type: none"> Opinion Writing Activities
Writes to share information		<ul style="list-style-type: none"> Writing with facts.pdf: Write informative/ explanatory texts in which they name a topic, supply some facts about the topic, and provide some sense of closure. <ul style="list-style-type: none"> Topical Writing Activities
Writes poems	<ul style="list-style-type: none"> Finish the Picture Make it Rhyme 	
CHARACTERISTICS OF A WRITER:		
Shares writing	Waterford includes a word processor feature for producing and publishing writing. This teacher led, digital tool encourages collaboration through Play and Practice: Word Processor activities.	
Responds to others’ writing		<ul style="list-style-type: none"> Editing.pdf: With guidance and support from adults, focus on a topic, respond to questions and suggestions from peers and add details to strengthen writing as needed. <ul style="list-style-type: none"> The Writing Process (including Proofreading Chart)

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
CHARACTERISTICS OF A WRITER <i>continued</i>:		
Writes in a variety of ways: personal stories, informational, poetry, etc.		<ul style="list-style-type: none"> Writing narratives.pdf: Write narratives in which they recount two or more appropriately sequenced events, include some details regarding what happened, use temporal words to signal event order, and provide some sense of closure. <ul style="list-style-type: none"> Narrative Writing Activities
Selects writing for publishing	Waterford encourages everyone to have writing, drawing, and art materials available for children's creations.	
CONVENTIONS AND MECHANICS:		
Uses phonics (temporary spelling) to spell unknown words	<ul style="list-style-type: none"> Songs: Consonants Together; C-K Rap, P-H and G-H Say Fff; Sheep in the Shadows; Lazy Letter Q; T-H Has Two Sounds; Chip, Chop; Where is a Whale? Word Mastery Sound Room Pattern Hunt Spell and Blend Name That Sound Word Pattern Spelling Letter Sound Screening Word Blending Say and Trace 	
Uses upper and lower case letters correctly	<ul style="list-style-type: none"> Songs: Capital Letters (Proper Nouns)(Days) Edit Capitals Edit Calendar Capitals 	<ul style="list-style-type: none"> Capitalization.pdf: Capitalize the dates and names of people. <ul style="list-style-type: none"> Capitalization
Uses capital letters with proper nouns, I, and the first word in a sentence	<ul style="list-style-type: none"> Songs: Capital Letters (Proper Nouns)(Days) Edit Capitals Edit Calendar Capitals 	<ul style="list-style-type: none"> Capitalization.pdf: Capitalize the first word in a sentence and the pronoun I. <ul style="list-style-type: none"> "I Like Kites" Punctuation
Writes legibly with recognizable words	<ul style="list-style-type: none"> Letter Trace (Letter Picture Writing) Power Words 	<ul style="list-style-type: none"> Print all upper- and lowercase letters.pdf: Print all upper- and lowercase letters. <ul style="list-style-type: none"> Letter Picture Handwriting (Aa-Zz)
Uses words from the environment (classroom)	<ul style="list-style-type: none"> Power Words 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
CONVENTIONS AND MECHANICS <i>continued</i>:		
Creates several sentences on one topic		<ul style="list-style-type: none"> • Writing with facts.pdf: Write informative/ explanatory texts in which they name a topic, supply some facts about the topic, and provide some sense of closure. <ul style="list-style-type: none"> - Topical Writing Activities
Spells some of the most common words correctly	<ul style="list-style-type: none"> • Song: Double the Fun • Double the Fun • Word Pattern • Spell and Blend • Word Blending • Say and Trace • Spelling Scramble • Power Words 	
SECOND GRADE		
MATHEMATICS		
1. OPERATIONS AND ALGEBRAIC THINKING		
a. Represent and solve problems involving addition and subtraction	<ul style="list-style-type: none"> • Book: Painting by Number • Addition • Subtraction • Problem Solving Strategies • Story Problem Strategies • Missing Addends and Subtrahends • Subtraction Sentences • Addition and Subtraction Facts 	<ul style="list-style-type: none"> • Solving one and two step word problems within 100.pdf: Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem. <ul style="list-style-type: none"> - Animal Math - Picture Problems - Act it Out - Guess and Check

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
1. OPERATIONS AND ALGEBRAIC THINKING <i>continued</i>		
b. Add and subtract within 20	<ul style="list-style-type: none"> • Songs: Fact Families • Mental Math Games • Speed Games • Subtraction Patterns • Addition Facts to 20 	<ul style="list-style-type: none"> • Adding and subtracting within 20.pdf: Fluently add and subtract within 20 using mental strategies. By end of grade 2, know from memory all sums of two one-digit numbers. <i>Sets of flashcards:</i> <ul style="list-style-type: none"> - Addition—Horizontal and Vertical - Subtraction—Horizontal and Vertical - Addition and Subtraction—Horizontal and Vertical
c. Work with equal groups of objects to gain foundations for multiplication	<ul style="list-style-type: none"> • Addition • Multiply Using Repeated Addition • Multiply Using Arrays 	
2. NUMBER AND OPERATIONS IN BASE TEN		
a. Understand place value	<ul style="list-style-type: none"> • Song: Place Value • Place Value of 3-digit Numbers 	<ul style="list-style-type: none"> • Thinking of 100 as a bundle of ten 10s.pdf: 100 can be thought of as a bundle of ten tens—called a “hundred.” <ul style="list-style-type: none"> - The Kingdom of Popsicle Stick-Filled Purses
b. Use place value understanding and properties of operations to add and subtract	<ul style="list-style-type: none"> • Place Value • Addition and Subtraction Relationship • Commutative Properties of Addition • Addition • Subtraction • Add without Regrouping • Add with Regrouping • Subtract without regrouping • Subtract with Regrouping • Speed Games • Mental Math Games 	<ul style="list-style-type: none"> • Adding or subtracting within 100.pdf: Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. <ul style="list-style-type: none"> - Addition Flashcards - Addition of Two-Digit Numbers - Tic Tac Toe - Subtraction of Two-Digit Numbers

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
3. MEASUREMENT AND DATA		
a. Measure and estimate lengths in standard units	<ul style="list-style-type: none"> • Song: Measuring Plants • Book: Birds at My House • Length • Measurement Tools • Standard Units of Length 	<ul style="list-style-type: none"> • Estimating lengths.pdf: Estimate lengths using units of inches, feet, centimeters, and meters. <ul style="list-style-type: none"> - Ready, Set, Measure - Treasure Hunt - Let's Measure in Centimeters! - Let's Measure in Inches! - Measuring Perimeter
b. Relate addition and subtraction to length	<ul style="list-style-type: none"> • Book: Yangshi's Perimeter • Story Problem Strategies • Addition • Subtraction • Length • Standard Units of Length 	
c. Work with time and money	<ul style="list-style-type: none"> • Songs: Telling Time; Clock Hands; Money; Save Your Pennies • Tell Time • Tell Time to Five Minutes • Tell Time to the Quarter Hour • Tell Time to the Minute • Tell Time to the Hour • Tell Time to the Half-hour • Coin Identification • Coin Value • Quarters • Count Dimes, Nickels, and Pennies • Count Quarters, Dimes, Nickels, and Pennies • Count Nickels and Pennies or Dimes and Pennies • Make Change • Count Coins • Count Bills and Coins • Equivalent Sums of Money 	
d. Represent and interpret data	<ul style="list-style-type: none"> • Song: Graphing • Graphing • Bar Graphs • Picture Graphs • Use Graphs and Tables 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
4. GEOMETRY		
a. Reason with shapes and their attributes	<ul style="list-style-type: none"> • Songs: Shapes, Shapes, Shapes; Corners and Sides; Kites • Book: The Shape of Things • Space Shapes • World Shape • Geoboard 	
SOCIAL STUDIES		
History: Understand how various sources provide information about the past.	<ul style="list-style-type: none"> • Books: Sequoyah’s Talking Leaves; The Story Cloth; The Pizza Book; Discovering Dinosaurs; The Courage to Learn; Reaching Above 	
Geography and Environmental Literacy: Use geographic representations, terms, and technologies to understand their surroundings. Understand the effect of humans interacting with the environment.	<ul style="list-style-type: none"> • Songs: I Am Part of All I See; Four Ecosystems; Pollution Rap; Conservation • Books: Where In the World Would You Go Today?; Your Backyard • Ecosystems • Pollution and Recycling • Care of Earth • Care of Water 	
Economics and Financial Literacy: Understand basic economic concepts.	<ul style="list-style-type: none"> • Song: Save Your Pennies • Books: Follow the Apples; Bugs For Sale 	
Civics and Governance: Understand the purpose of governments.		
Culture: Understand how various cultures influence communities.	Waterford is committed to creating a diverse learning experience that connects with early learners from all backgrounds.	
SCIENCE CONCEPTS:		
PHYSICAL SCIENCE: FORCE AND MOTION/ MATTER: PROPERTIES AND CHANGE		
Understand the relationship between sound and vibrating objects.	<ul style="list-style-type: none"> • Song: Sound • Book: What Sounds Say • Sound Waves • Pitch and Volume • Sound Experiment • Sound Exploration 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
PHYSICAL SCIENCE: FORCE AND MOTION/ MATTER: PROPERTIES AND CHANGE <i>continued</i>		
Understand properties of solids and liquids and the changes they undergo.	<ul style="list-style-type: none"> • Songs: Matter; Solid or Liquid • Book: Pancakes Matter • Solid, Liquid, Gas 	
EARTH SCIENCE: EARTH SYSTEMS, STRUCTURES & PROCESSES		
Understand patterns of weather and factors that affect weather.	<ul style="list-style-type: none"> • Book: Whatever the Weather • Weather • Weather Patterns • Weather Tools 	
LIFE SCIENCE: STRUCTURES AND FUNCTIONS OF LIVING ORGANISMS/ GENETICS		
Understand animal life cycles.	<ul style="list-style-type: none"> • Book: The Old Maple Tree • Animal Life Cycles • Animal Life Cycle and Growth • Amphibians 	
Remember that organisms differ from or are similar to their parents based on the characteristics of the organism.	<ul style="list-style-type: none"> • Build Knowledge: Mine • Traits of Living Things 	
READING		
READING COMPREHENSION:		
Reads picture, chapter and informational books with fluency and understanding	<ul style="list-style-type: none"> • Read Along Books • Fluency, Comprehension, and Speed Books • Informational Books (See titles at end of document.) 	
Recalls characters, events, setting, problem and solution	<ul style="list-style-type: none"> • Read Along Books • Fluency, Comprehension, and Speed Books • Informational Books (See titles at end of document.) 	<ul style="list-style-type: none"> • Moral of the story.pdf: Recount stories, including fables and folktales from diverse cultures, and determine their central message, lesson, or moral. <ul style="list-style-type: none"> - Why Wind and Water Fight - The Snow Lion - How Rivers Began - The Story of Tong and Mai Nhia

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING COMPREHENSION <i>continued</i>:		
Expresses opinion on reading selections		<ul style="list-style-type: none"> • Writing with opinions.pdf: Write opinion pieces in which they introduce the topic or name the book they are writing about, state an opinion, supply the reason for the opinion, use linking words to connect opinion and reasons, and provide a concluding statement or section. <ul style="list-style-type: none"> - Bad News Shoes - The Piñata Book - Winter Snoozers
Identifies relationships between characters	<ul style="list-style-type: none"> • Books: Why Wind and Water Fight; Three Billy Goats Gruff • Compare Characters • Expression: Quotations 	<ul style="list-style-type: none"> • Point of view.pdf: Acknowledge differences in the points of view of characters, including by speaking in a different voice for each character when reading dialogue aloud. <ul style="list-style-type: none"> - Story Structure Activity
Makes inferences, draws conclusions and recalls important ideas	<ul style="list-style-type: none"> • Describe Characters • Find an Answer • Sum Up—Five W's • Compare Characters 	<ul style="list-style-type: none"> • Who, what, where, when, and why.pdf: Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text. <ul style="list-style-type: none"> - 52 online books to practice strategies for understanding.
Compares reality and fantasy	<ul style="list-style-type: none"> • Real and Make-believe • Distinguish Between Fantasy and Reality 	
Recognizes cause and effect relationships	<ul style="list-style-type: none"> • Books: The Snow Lion; Wendel Wandered; Noise? What Noise? 	
Sees author's humor	<ul style="list-style-type: none"> • Books: I Hate Peas; Bad News Shoes; What if You Were an Octopus; Bandage Bandit; Elephant Upstairs 	
Confirms and extends predictions	<ul style="list-style-type: none"> • Peek at the Story • Check My Guess 	
Compares information across text	<ul style="list-style-type: none"> • Books: Louis Braille and Seeing Fingers 	<ul style="list-style-type: none"> • Compare and contrast.pdf: Compare and contrast the most important points presented by two texts on the same topic. <ul style="list-style-type: none"> - Venn Diagram Activity: Penguins and Falcons

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING COMPREHENSION <i>continued</i>:		
Identifies the narrator	Waterford online books invite students to read along with the reader and feature narrations that model appropriate reading behaviors such as accuracy, rate, and expression. Narrators provide students with engaging examples while exposing them to adult, child, or character voices.	<ul style="list-style-type: none"> • Who is telling the story.pdf: Identify who is telling the story at various points in a text. <ul style="list-style-type: none"> - Who Is the Speaker? - The Brothers - The City Mouse and the Country Mouse - Mr. Lucky Straw
Begins to develop “favorites” – favorite topics, favorite authors, favorite books	<ul style="list-style-type: none"> • Read-Along Books • Traditional Tales • Informational Books (See titles at end of document.) • Play and Practice: Reader’s Corner 	
Identifies key details in text	<ul style="list-style-type: none"> • Describe Characters • Find an Answer • Sum Up—Five W’s • Compare Characters • Map the Story 	<ul style="list-style-type: none"> • Who, what, where, when, and why.pdf: Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text. <ul style="list-style-type: none"> - 52 online books to practice strategies for understanding.
Determines the central theme or message in stories.	<ul style="list-style-type: none"> • Read Along Books • Fluency, Comprehension, and Speed Books • Informational Books (See titles at end of document.) 	<ul style="list-style-type: none"> • Moral of the story.pdf: Recount stories, including fables and folktales from diverse cultures, and determine their central message, lesson, or moral. <ul style="list-style-type: none"> - Why Wind and Water Fight - The Snow Lion - How Rivers Began - The Story of Tong and Mai Nhia
Describes how characters respond to events and challenges	<ul style="list-style-type: none"> • Describe Characters • Compare Characters: Why Wind and Water Fight • Map the Story • Sum Up—Five W’s • Read Along Books (See titles at end of document.) 	<ul style="list-style-type: none"> • How characters are affected by story events.pdf: Describe how characters in a story respond to major events and challenges. <ul style="list-style-type: none"> - What if You Were an Octopus? - Why Wind and Water Fight

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING COMPREHENSION <i>continued</i>:		
Describes how words and phrases give rhythm and meaning to stories and poems	<ul style="list-style-type: none"> • Books: Bad News Shoes; I Hate Peas; Movin' to the Music • Expression: Phrases 	<ul style="list-style-type: none"> • Rhythm.pdf: Describe how words and phrases supply rhythm and meaning in a story, poem or song. <ul style="list-style-type: none"> - Poetry Book 1 - Poetry Book 2 - Bad News Shoes - Movin' to the Music Time - Winter Snoozers
PHONICS/DECODING SKILLS:		
Uses phonics to decode unknown regular multi-syllable words	<ul style="list-style-type: none"> • Word Recognition • Automatic Word Recognition • Power Words • Readable Books • Read Along Books (See titles at end of document.) 	<ul style="list-style-type: none"> • Two-syllable letter patterns.pdf: Decode regularly spelled two-syllable words with long vowels. <ul style="list-style-type: none"> - Fluency Check Sheets
Reads most high frequency and many irregularly spelled word with fluency and comprehension	<ul style="list-style-type: none"> • Read Along Books • Fluency, Comprehension, and Speed Books • Informational Books • Readable Books (See titles at end of document.) • Word Recognition • Power Words 	<ul style="list-style-type: none"> • Irregularly spelled words.pdf: Recognize and read appropriate irregularly spelled words. <ul style="list-style-type: none"> - Lesson 1: /ī/ - Lesson 2: /ō/ - Lesson 3: /f/ - Lesson 4: Irregular Plurals
READING STRATEGIES:		
Uses a variety of word attack skills independently	<ul style="list-style-type: none"> • Song: Look For a Clue • Use a Clue • Mystery Words • Read Along Books • Fluency, Comprehension, and Speed Books • Informational Books • Readable Books (See titles at end of document.) 	<ul style="list-style-type: none"> • Using the root word to determine meaning. pdf: Use context to confirm or self-correct word recognition and understanding, rereading as necessary. <ul style="list-style-type: none"> - Fluency Check Sheets

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING STRATEGIES <i>continued</i>:		
Experiments with words to see what makes sense	<ul style="list-style-type: none"> • Song: Look For a Clue • Use a Clue • Mystery Words • Read Along Books • Fluency, Comprehension, and Speed Books • Informational Books • Readable Books (See titles at end of document.) 	<ul style="list-style-type: none"> • Using the root word to determine meaning. pdf: Use context to confirm or self-correct word recognition and understanding, rereading as necessary. <ul style="list-style-type: none"> - Fluency Check Sheets
Tries again if words do not sound right or make sense	<ul style="list-style-type: none"> • Song: Look For a Clue • Read Along Books • Fluency, Comprehension, and Speed Books • Informational Books • Readable Books (See titles at end of document.) • Use a Clue • Word Recognition • Power Words 	<ul style="list-style-type: none"> • Using the root word to determine meaning. pdf: Use context to confirm or self-correct word recognition and understanding, rereading as necessary. <ul style="list-style-type: none"> - Fluency Check Sheets
Reads on to check predictions	<ul style="list-style-type: none"> • Song: Reading Detective • Peek at the Story • Check My Guess 	
Looks for familiar parts inside larger unknown words	<ul style="list-style-type: none"> • Songs: Put It at the Front; Put It at the End; Key Words • Prefixes • Suffixes 	<ul style="list-style-type: none"> • Prefix and suffix.pdf: Decode words with common prefixes and suffixes. <ul style="list-style-type: none"> - Lesson 30: Prefixes and Suffixes - Invent a Word: Prefixes - Build a Word: Prefixes - Past Tense Verb - Prefixes - Suffixes
Reads independently for extended periods of time	<ul style="list-style-type: none"> • Read Along Books • Fluency, Comprehension, and Speed Books • Readable Read/Record Books • Informational Books (See titles at end of document.) • Play and Practice 	

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
READING STRATEGIES <i>continued</i>:		
Asks how...? why...? and what if...? questions after reading		<ul style="list-style-type: none"> Who, what, where, when, and why.pdf: Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text. <ul style="list-style-type: none"> 52 online books to practice strategies for understanding.
Reads with sufficient accuracy and fluency to comprehend texts	<ul style="list-style-type: none"> Expression: Phrases; Quotations; Questions; Pauses; Exclamations Read Along Books Fluency, Speed, and Comprehension Books Informational Books Readable Read/Record Books (See titles at end of document.) 	<ul style="list-style-type: none"> Fluency check.pdf: Read on-level text orally with accuracy, appropriate rate, and expression on successive readings. <ul style="list-style-type: none"> Fluency Check Sheets
WRITTEN PRODUCTS:		
Uses detail in narrative, informational, and persuasive writing.	<ul style="list-style-type: none"> Revise: Add Details 	<ul style="list-style-type: none"> Writing narratives.pdf: Write narratives in which they recount a well-elaborated event or short sequence of events, include details to describe actions, thoughts and feelings, use temporal words to signal event order, and provide a sense of closure. <ul style="list-style-type: none"> 15 story examples with suggestions for student writing.
Produces writing and artwork to go with text and personal experiences	Waterford encourages everyone to have writing, drawing, and art materials available for children's creations.	<ul style="list-style-type: none"> Writing narratives.pdf: Write narratives in which they recount a well-elaborated event or short sequence of events, include details to describe actions, thoughts and feelings, use temporal words to signal event order, and provide a sense of closure. <ul style="list-style-type: none"> 15 story examples with suggestions for student writing.

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
WRITTEN PRODUCTS <i>continued</i>:		
Writes for a variety of purposes and audiences (notes, letters and invitations, etc.)	<ul style="list-style-type: none"> • Song: Comma, Comma, Comma (In a Letter) • Book: Today I Write a Letter • Writing Introduction • Prewrite: Word Bank; Title; Mapping • First Draft • Revise: Add Details; Start Sentences Differently; Delete Extra Words; Use Interesting Words; Stick to the Topic 	
Uses writing to record thinking and express ideas across the curriculum	<ul style="list-style-type: none"> • Writing Introduction • Prewrite: Word Bank; Title; Mapping • First Draft • Revise: Add Details; Start Sentences Differently; Delete Extra Words; Use Interesting Words; Stick to the Topic 	<ul style="list-style-type: none"> • Writing with opinions.pdf: Write opinion pieces in which they introduce the topic or name the book they are writing about, state an opinion, supply the reason for the opinion, use linking words to connect opinion and reasons, and provide a concluding statement or section. <ul style="list-style-type: none"> - Bad News Shoes - The Piñata Book - Winter Snoozers
Produces a variety of pieces: personal stories, informational, poetry, etc.	<ul style="list-style-type: none"> • Writing Introduction • Word Processor • Prewrite: Word Bank; Title; Mapping • First Draft • Revise: Add Details; Start Sentences Differently; Delete Extra Words; Use Interesting Words; Stick to the Topic 	<ul style="list-style-type: none"> • Writing narratives.pdf: Write narratives in which they recount a well-elaborated event or short sequence of events, include details to describe actions, thoughts and feelings, use temporal words to signal event order, and provide a sense of closure. <ul style="list-style-type: none"> - 15 story examples with suggestions for student writing.
CHARACTERISTICS OF A WRITER:		
Writes for a variety of purposes	<ul style="list-style-type: none"> • Play and Practice: Writer's Corner 	
Writes for pleasure	<ul style="list-style-type: none"> • Play and Practice: Writer's Corner 	
Writes about personal experiences (narrative writing), creative stories and skits	<ul style="list-style-type: none"> • Step Into the Story • Imagine Beyond 	<ul style="list-style-type: none"> • Writing narratives.pdf: Write narratives in which they recount a well-elaborated event or short sequence of events, include details to describe actions, thoughts and feelings, use temporal words to signal event order, and provide a sense of closure. <ul style="list-style-type: none"> - 15 story examples with suggestions for student writing.

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
CHARACTERISTICS OF A WRITER <i>continued</i>:		
Sees the need for revising and editing	<ul style="list-style-type: none"> • First Draft • Revise: Add Details; Start Sentences Differently; Delete Extra Words; Use Interesting Words; Stick to the Topic 	<ul style="list-style-type: none"> • Editing.pdf: With guidance and support from adults, focus on a topic, respond to questions and suggestions from peers and add details to strengthen writing as needed. <ul style="list-style-type: none"> - The Writing Process (including Proofreading Chart)
Writes informational reports on topics of interest		<ul style="list-style-type: none"> • Writing with facts.pdf: Write informative/explanatory texts in which they introduce a topic, use facts and definitions to develop points, and provide a concluding statement or section. <ul style="list-style-type: none"> - Noise? What Noise? - The Pizza Books - Little Tree
CONVENTIONS AND MECHANICS:		
Spells correctly in own writing all previously studied words	<ul style="list-style-type: none"> • Songs: Bossy Mr. R; Sneaky Magic E; Vowels Side by Side; Eensy, Weensy Mouse • Readable Word Play • Make and Spell • All-Star Spelling • Spelling Exploration • Spelling Instruction • Spelling Game • Word Recognition • Spell and Blend • Spelling Scramble 	<ul style="list-style-type: none"> • Learned spelling patterns.pdf: Generalize learned spelling patterns when writing words. <ul style="list-style-type: none"> - Lessons: /ā/; /ō/; /ī/; /ū/; /ē/; /ā/; /ar/; /oo/ as in book; /oo/ as in zoo; /ō/; /ow/; /ow/; /oi/; /aw/; /ō/; /er/; /or/; /ng/; /ī/; /ī/; /ō/; /oo/ Letter team ew as in new and few; /oo/ Letter team ue as in blue; /e/; Homophones
Represents with appropriate letters all the sounds heard in a word	<ul style="list-style-type: none"> • Songs: Consonants Together; C-K Rap, P-H and G-H Say Fff; Sheep in the Shadows; Lazy Letter Q; T-H Has Two Sounds; Chip, Chop; Where is a Whale? • Word Mastery • Sound Room-Digraphs • Pattern Hunt • Spell and Blend • Name That Sound • Word Pattern Spelling • Letter Sound Screening • Word Blending • Say and Trace 	<ul style="list-style-type: none"> • Spelling-sound correspondences.pdf: Know spelling-sound correspondences for additional common vowel teams. <ul style="list-style-type: none"> - Lessons: /ā/; /ō/; /ī/; /ū/; /ē/; /ā/; /ar/; /oo/ as in book; /oo/ as in zoo; /ō/; /ow/; /ow/; /oi/; /aw/; /ō/; /er/; /or/; /ng/; /ī/; /ī/; /ō/; /oo/ Letter team ew as in new and few; /oo/ Letter team ue as in blue; /e/; Homophones - Readable Check Sheets

STANDARD	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
CONVENTIONS AND MECHANICS <i>continued</i>:		
Uses standard spelling with increasing success	<ul style="list-style-type: none"> • Songs: Bossy Mr. R; Sneaky Magic E; Vowels Side by Side; Eensy, Weensy Mouse • Readable Word Play • Make and Spell • All-Star Spelling • Spelling Exploration • Spelling Instruction • Spelling Game • Word Recognition • Spell and Blend • Spelling Scramble 	
Edits for capitalization and end punctuation	<ul style="list-style-type: none"> • Songs: Sentence Marks; Capital Letters (Proper Nouns) (Days)(Places)(Titles) • Sentence Marks • Edit: Capitals; Punctuation; End Punctuation 	

PRE-READING

Sing a Rhyme Songs & Books

The Apple Tree; Baa, Baa, Black Sheep; Pat-a-cake; Hey Diddle, Diddle; One Elephant Went Out to Play; The Farmer in the Dell; Ten Little Goldfish; All the Pretty Little Horses; Mother, Mother, I Am Ill; Jack and Jill; Three Little Kittens; Mary Had a Little Lamb; Little Miss Muffet; I Touch My Nose Like This; Polly, Put the Kettle On; This Little Pig; Quack, Quack, Quack; Rock-a-Bye Baby; Itsy Bitsy Spider; Tortillas, Tortillas; The Bus; My Valentine; Where Is Thumbkin?; 1, 2, Buckle My Shoe; Yankee Doodle; The Zulu Warrior

Informational Books

Opposites, Pairs, Watch the Woolly Worm

Read with Me Books

Andy's Adventure; Baby's Birthday; At Camp; I Go...; Eleven Elephants; Five; Go, Grasshopper; Hair; Who Has an Itch?; Jumbled; Here, Kitty, Kitty; Long Lewie; Magnifying Glass; New; Opposites; Pairs; The Quiet Book; Rascal's Rotten Day; Six Silly Sailors; Together; Under; Family Vacation; Watch the Woolly Worm; Rex Is in a Fix; Yummy; The Zebra

Decodable Books

He Is Happy; Sam; A Mat; Pam and Pat; Nan and the Ham; The Hat; Up on Top; The Hot Pot; Tim; Lil

BASIC READING

Traditional Tales

The Gingerbread Man, The Little Red Hen, Lizard and the Painted Rock, Anansi and the Seven Yam Hills, The Big Mitten, The Three Little Pigs, The City Mouse and the Country Mouse, Goldilocks and the Three Bears, The Magic Porridge Pot, The Three Wishes, Henny Penny, Mr. Lucky Straw, La Tortuga, The Shoemaker and the Elves, The Brothers, The Ugly Duckling

Informational Books

I Want to Be a Scientist Like Jane Goodall, I Wish I Had Ears Like a Bat, I Want to Be a Scientist Like Wilbur and Orville Wright, I Want to Be a Scientist Like George Washington Carver, Star Pictures, Animal Bodies, Water Is All Around

Readable Books (Read or Record)

Me; The Snowman; The Mitten; I Am Sam; What Am I?; Sad Sam; Dad's Surprise; Tad; Matt's Hat; What Is It?; Dan and Mac; What a Band!; Pat Can Camp; The Rabbit and the Turtle; Stop the Frogs!; Bob and Tab; Hot Rods; Happy Birthday; Go, Frog, Go; Pip, the Big Pig; What Is in the Pit?; Prints!; Who Is at the Door?; The Big Trip; Who Will Go in the Rain?; Let's Get Hats!; Slug Bug; Green Gum; Lizzy the Bee; Little Duck; Thump, Bump!; The Tree Hut; The Big Hill; What's in the Egg?; Rom and His New Pet; Chet and Chuck; What Do I Spy?; Quick! Help!; Can We Still Be Friends?; Fun in Kansas; Brave Dave and Jane; My Snowman; Space Chase Race; Oh No, Mose!; Smoke!; The Note; The Snoring Boar; Shopping Day; Friends; Two Little Pines; Can Matilda Get the Cheese?; Let's Go to Yellowstone; Maddy and Clive; Brute and the Flute; Old Rosa; What Is in the Tree?; Too Much Popcorn; Old King Dune; Riding in My Jeep; Sammy and Pete; Will You Play with Me?; The Rescue; Who Am I?

Readable (Walk-through/Jump-through/Record Titles)

Matt's Hat; What Is It?; Dan and Mac; What a Band!; Pat Can Camp; The Rabbit and the Turtle; Stop the Frogs!; What Is in the Pit?; Prints!; Who Is at the Door?; What Am I?; Sad Sam; The Big Trip; Dad's Surprise; Tad; Who Will Go in the Rain?; Let's Get Hats!; Slug Bug; Green Gum; Lizzy the Bee; Little Duck; Thump, Bump!; The Tree Hut; The Big Hill; What's in the Egg?; Rom and His New Pet; Old Rosa; What Is in the Tree?; Too Much Popcorn; Old King Dune; Riding in My Jeep; Sammy and Pete; Will You Play with Me?; The Rescue; Chet and Chuck; What Do I Spy?; Quick! Help!; Can We Still Be Friends?; Fun in Kansas; Brave Dave and Jane; My Snowman; Space Chase Race; Oh no, Mose!; Smoke!; The Note; The Snoring Boar; Shopping Day; Friends; Two Little Pines; Can Matilda Get the Cheese?; Let's Go to Yellowstone; Maddy and Clive; Brute and The Flute; Who Am I?; Bob and Tab; Hot Rods; Happy Birthday; Go, Frog, Go!; Pip, the Big Pig; I Am Sam

FLUENT READING

Read-Along Books

Bad News Shoes; Up and Down; The Mighty Sparrow; The Four Seasons; I Met a Monster; David Next Door; Bandage Bandit; Rocks in My Socks; Great White Bird; The Snow Lion; Turtle's Pond; The Story Cloth; Lorenzo's Llama; Snake Weaves a Rug; The Crowded House; Sound; Noise? What Noise?; The Story of Tong and Mai Nhia; Duc Tho Le's Birthday Present; Poetry Book 1; Wendel Wandered; What If You Were an Octopus?; Today I Write a Letter; I Hate Peas; The Talking Lizard; Darren's Work; Sequoyah's Talking Leaves; The Bee's Secret; The Weather on Blackberry Lane; Little Tree; Treasures from the Loom; Poetry Book 2; Mr. Croaky Toad; White-tailed Deer; The Courage to Learn; How Rivers Began; Pencil Magic; Water; The Sweater; Drawing; All on the Same Earth; Elephant Upstairs; The Pizza Book; What Will Sara Be?; Winter Snoozers; Why Wind and Water Fight; The Three Billy Goats Gruff; The Piñata Book; Discovering Dinosaurs; Macaw's Chorus; Amazing Tails; My Reptile Hospital; Movin' to the Music Time

Fluency Comprehension and Speed Titles

The Show; Dinosaur Bones; Mike and the Mice; Huge Red Plum; The Bees; My Shark; Barnaby; Animals in the House; Do You Know?; Cow on the Hill; Clouds; The Noise in the Night; Strawberry Jam; Jade's Note; Bertie; Cory's Horn; The Lion and the Mouse; Lightning Bugs; Louis Braille; Troll's Visit; Andrew's News; Sue's Slime; The Name of the Tree; The Giant and the Hare; Frank's Pranks; Through the Back Fence; Fudge for Sale; Photos for Phil; Moose Are Not Meese; Little Barry Busy

Informational Books

The Piñata Book; Discovering Dinosaurs; Treasures from the Loom; The Courage to Learn; Bee's Secret; Sound; White-tailed Deer; The Talking Lizard; Water; Sequoyah's Talking Leaves; Winter Snoozers; Amazing Tails; The Pizza Book

Readable Books (Record, Read, Listen)

The Show, Dinosaur Bones, Mike and the Mice, Huge Red Plum, The Bees, My Shark, Barnaby, Animals in the House, Do You Know?, Cow on the Hill, Clouds, The Noise in the Night, Strawberry Jam, Jade's Note, Bertie, Cory's Horn, The Lion and the Mouse, Lightning Bugs, Louis Braille, Troll's Visit, Andrew's News, Sue's Slime, The Name of the Tree, The Giant and the Hare, Frank's Pranks, Through the Back Fence, Fudge for Sale, Photos for Phil, Moose Are Not Meese, Little Barry Busy

Sentence Dictation Titles

Stop the Frogs!; Matt's Hat; What Is It?; Dan and Mac; What a Band!; What Is in the Pit?; Prints!; Who Is at the Door?; Sad Sam; The Big Trip; Dad's Surprise; Tad; Slug Bug; Green Gum; Lizzy the Bee; Little Duck; Thump, Bump!; The Big Hill; What's in the Egg?; Old Rosa; What is in the Tree?; Sammy and Pete; The Rescue; Chet and Chuck; Fun in Kansas; My Snowman; Oh No, Mose!; Smoke!; The Note; The Snoring Boar; Friends; Brute and the Flute; Bob and Tab; Hot Rods; Happy Birthday; The Mitten; Pat Can Camp; The Rabbit and the Turtle; What Am I?; Who Will Go in the Rain?; Let's Get Hats!; The Tree Hut; Rom and His New Pet; Too Much Popcorn; Old King Dune; Riding in My Jeep; Will You Play With Me?; What Do I Spy?; Quick! Help!; Can We Still Be Friends?; Brave Dave and Jane; Space Chase Race; Shopping Day; Two Little Pines; Can

Matilda Get the Cheese?; Let's Go to Yellowstone; Maddy and Clive; Go, Frog, Go!; Pip, the Big Pig; I Am Sam; Who Am I?



SUPPORT

Professional Services offers a continuum of customizable services. [Learn more here.](#)

CONTINUAL DEVELOPMENT

As a nonprofit research institute, Waterford.org is continually developing resources with the latest research findings. Please note that this correlation is accurate as of the date on the cover.

PRE-MATH & SCIENCE

Math Books

One Day on the Farm; Two Feet; Look for Three; Four Fine Friends; Grandpa's Great Athlete: A Book About 5; Hide and Seek Six; Just Seven; Eight at the Lake; 9 Cat Night; Ten for My Machine; The Search for Eleven; The Tasty Number Twelve; Thirteen in My Garden; Fourteen Camel Caravan; Fifteen on a Spring Day; Dinner for Sixteen; The Seventeen Machine; Eighteen Carrot Stew; Nineteen Around the World; Twenty Clay Children; Poor Wandering 1; Snowy Twos Day; 1, 2, 3, 4 in the Jungle; Give Me 5; Suzy Ladybug; 7 Train; 8 Octopus Legs; Highway 9; 10 Astronauts; When I Saw 11; I Love the Number 12; 13 Clues; 14 Camels; Fun 15; 16 Ants; Counting to 17; 18 Carrot Stew; 19 Around the World; 20 Fingers and Toes

Science Books

That's What I Like: A Book about Seasons; I Want to Be a Scientist Like Jane Goodall; Mr. Mario's Neighborhood; Mela's Water Pot; I Want to Be a Scientist Like Wilbur and Orville Wright; Follow the Apples!; I Want to Be a Scientist Like George Washington Carver; Guess What I Am; Where in the World Would You Go Today?; Star Pictures; I Wish I Had Ears Like a Bat; Creepy Crawlers

Counting Songs

Asian Counting, Marching Band Counting, Flower Counting, Country Counting, Dixieland Counting, Funky Counting, Reggae Counting, Salsa Counting, Techno Counting, Bagpipe Counting, Counting on the Mountain

Number Songs

Count to 31; Hotel 100; Poor Wandering 1; Snowy Twos Day; 1, 2, 3, 4 in the Jungle; Give Me 5; Suzy Ladybug; 7 Train; 8 Octopus Legs; Highway 9; 10 Astronauts; When I Saw 11; I Love the Number 12; 13 Clues; 14 Camels; Fun 15; 16 Ants; Counting to 17; 18 Carrot Stew; 19 Around the World; 20 Fingers and Toes

BASIC MATH & SCIENCE

Math & Science Books

One More Cat; Can You Guess? A Story for Two Voices; I Want to Be a Scientist Like Carl Linnaeus; I Want to Be a Scientist Like Antoni van Leeuwenhoek; Whatever the Weather; I Want to Be a Mathematician Like Sophie Germain; Water Is All Around; Mr. Romano's Secret: A Time Story; A Seed Grows; How Long is a Minute?; Marty's Mixed-up Mom; I Want to Be a Scientist Like Louis Pasteur; Pancakes Matter; Jump Rope Rhymes; Facts About Families; Fifteen Bayou Band; Hooray, Hooray for the One Hundredth Day!; Symmetry and Me; Animal Bodies; Everybody Needs to Eat; The Circus Came to Town; I Want to Be a Mathematician Like Thales; Bugs for Sale; Heads or Tails; Your Backyard; The Birds, the Beasts and the Bat; Halves and Fourths and Thirds; We All Exercise; Circus 20; Red Rock, River Rock; Painting by Number; I Want to Be a Scientist Like Joanne Simpson; Navajo Beads; Where in the World Would You Go Today?; I Want to Be a Scientist Like Wilbur and Orville Wright

FLUENT MATH & SCIENCE

Math & Science Books

The Snow Project; Chloe's Cracker Caper; What Sounds Say; Fossils Under Our Feet; The Boonville Nine; I Want to Be a Scientist Like Alexander von Humboldt; I Want to Be a Scientist Like Marie Curie; I Want to Be a Scientist Like Stephen Hawking; George and Jack; The Old Maple Tree; A Dinosaur's First Day; I Want to Be a Scientist Like Isaac Newton; My Family Campout; I Want to Be a Scientist Like Thomas Edison; Warm Soup for Dedushka; How Did the Chicken Cross the Road?; Inventions All Around; The Beginning of Numbers; I Want to Be a Mathematician Like Ada Byron Lovelace; Lightning Bells; Tyrannosaurus X 1; Halves and Fourths and Thirds; Navajo Beads; Red Rock, River Rock; I Want to Be a Mathematician Like Srinivasa Ramanujan; The Fraction Twins; Yangshi's Perimeter; I Want to Be a Mathematician Like Archimedes; Birds at My House; Painting by Number; The Fable Fair

SPANISH FAMILY ENGAGEMENT RESOURCES

All Waterford books and many of the resources available to families at mentor.waterford.org can be found in Spanish or with Spanish support.

SONGS

Beginning Math Songs

Odd Todd and Even Steven; Salsa Counting; On the Bayou—Addition; Subtract Those Cars; More Than, Fewer Than; A Nice Addition; Marching Band Counting; Doubles 1-5; Multiply by 0

Nursery Songs and Rhymes

Rhyming Words; A: The Apple Tree; B: Bluebird, Bluebird; C: Pat-a-Cake; D: Hey Diddle, Diddle; E: One Elephant Went Out to Play; F: The Farmer in the Dell; G: Ten Little Goldfish; H: All the Pretty Little Horses; I: Mother, Mother, I Am Ill; J: Jack and Jill; K: Three Little Kittens; L: Mary Had a Little Lamb; M: Little Miss Muffett; N: I Touch My Nose Like This (Spanish); O: Polly, Put the Kettle On; P: This Little Pig; Q: Quack, Quack, Quack; R: Little Rabbit (Chinese); S: Eensy, Weensy Spider; T: Tortillas, Tortillas (Spanish); U: The Bus; V: My Valentine; W: Wee Willie Winkie; X: A-hunting We Will Go; Y: Yankee Doodle; Z: The Zulu Warrior

Beginning Reading Songs

Comma, Comma, Comma; Homophone Monkey; Antonym Ant; Apples and Bananas; Old MacDonald's Vowels; ABC Show and Tell Sounds; ABC Tongue Twisters; ABC Picture Sounds; Sheep in the Shadows; C-K Rap; S Steals the Z; Blends; Blicky Licky Land; Apostrophe Pig; Capital Letters—Days; Chip Chop; Adjectives Describe; Lazy Letter Q; Nouns; Verbs; Adverbs; Irregular Verbs; Preposition Ship; Verbs that Link; Consonants; Pronouns, Sneaky Magic E; Silent Letters—G-H; Silent Letters—W; Drop Magic E; Bossy Mr. R; P-H and G-H Say Fff; Schwa Sound; Double the Fun; Strange Spelling; More Than One; Reading Detective—Peek at the Story

Many of these songs are available on the [Waterford.org YouTube channel](https://www.youtube.com/channel/UC...).

WEEKLY HOMELINK NEWSLETTERS

Weekly newsletters (28 in all) are available for teachers to share with families. The newsletters explain what children are learning during the week and provide resources and activities to involve families.

MATH HOMELINK NEWSLETTERS

Match, Position, Shapes, Counting, Patterns Sort, Size, Number Sense (1-10), Order (1-10), Count On, Measurement (length), Count Down, Addition (10), Numbers 11-15, Numbers 16-20

SCIENCE HOMELINK NEWSLETTERS

The World Around Us (5 senses), Living Things (living v. non-living), Plants, Vertebrates, Invertebrates, The Sky Above Us (sun, moon, stars), Our Earth (recycle, ecosystems), How it Works (push/pull, solid/liquid, magnets, materials)

READING HOMELINK NEWSLETTERS

Alphabet Knowledge

Comprehension and Vocabulary

Sum Up: Remember Order, Sum Up: Remember Details, Peek at the Story, Guess and Check, Connect to Me, Build Knowledge

Readiness Skills Letters

Naming Parts of the Body; First, Next, Last; One-to-One Correspondence; Opposites; Look at Details (identify same and different)

Phonological Awareness Letters

What Is Rhyming?, Which Words Rhyme?, Sentences Are Made Up of Words, Making Compound Words, Breaking Compound Words, What Is a Syllable?, Put Syllables Together to Make Words, Break Words into Syllables, The First Sound in a Word, Words with the Same First Sound, Making Words from First Sounds and the Rest

WATERFORD MENTOR

Waterford Mentor is a secure website where families can log in to see their child's usage and learning achievements. Waterford families also receive short messages with ideas on how to engage in their child's learning and have access to hundreds of resources and activities.



Waterford Mentor is available online and in the Mentor app (for iOS and Android).