



Alignment

March 2026

100%
Aligned

**Waterford
Early Learning:
Math & Science**

**Florida's B.E.S.T.
Standards:
Mathematics 2020 &
Science 2008
for K-2**

This document provides a detailed alignment of **Waterford Early Learning to Florida's B.E.S.T. Standards: Mathematics 2020 & Science 2008 for K-2.**

Alignment Description

This document aligns Florida's B.E.S.T. Standards: Mathematics 2020 & Science 2008 to Waterford.org's digital activities and supporting resources.

Waterford Digital Activities

Waterford programs include engaging, evidence-based digital activities anchored in the science of learning that progress through an adaptive learning path in reading, math, and science. These activities are also available for collaborative instruction at [→teacher.waterford.org](https://teacher.waterford.org).

- **Classroom Playlists** enable teachers to harness learning technologies in whole-class instruction, flexible small groups, and personalized support for individual students.

Waterford Resources

Waterford provides an engaging, diverse collection of PDF resources tailored to boost children's learning experiences, empowering instruction in both classroom and home settings.

- **Teacher Resources** encompass class activities, reference materials, teacher guides, an array of books, and more.
- **Family Resources** encompass newsletters, activity sets, and reference materials, all available in both English and Spanish.

Waterford Curriculum Details

Waterford programs leverage the science of learning and evidence-based research to optimize reading development, accelerate learning, and target interventions for PreK–2nd grade learners.

Adaptive, Individualized Learning

Tailored instruction enables students to progress through the sequence at their own pace, offering multiple opportunities for practice as needed and more challenging activities when students are ready. This adaptation is automatic within the learning sequence. More information on the adaptive learning sequence can be found in [→Waterford's Adaptive Learning Path in Action](#) video.

Data-Informed Instruction

Administrators and teachers can use the program's reporting features to monitor progress in real-time, identify areas of difficulty, and utilize additional intervention tools in varied instructional settings. Examples of the reporting features can be found [→here](#).

Research-Driven Development

Waterford is committed to ongoing development based on the latest research findings. Please note that this correlation is accurate as of the date on the cover.

Reading Sequence

Waterford's Reading Sequence is aligned to the Science of Reading, with explicit and systematic instruction. The sequence develops phonics; phonological awareness; comprehension and vocabulary; language concepts and writing; and fluency. More detailed information can be found in the [→Reading Skills Scope & Sequence](#).

Math and Science Sequence

Waterford's Math and Science Sequence is designed around clear instructional principles. The math sequence develops numbers and operations (including counting and cardinality); operations and algebraic thinking; measurement and data; and geometry. The science sequence develops an understanding of physical, life, earth and space domains. More detailed information can be found in the [→Math and Science Scope & Sequence](#).

SmartStart Sequence

Waterford's SmartStart Sequence is designed so learners are exposed to the foundational principles critical to kindergarten readiness. SmartStart combines the digital learning path with teacher resources to teach early reading, math, science, and social studies concepts as well as executive function, creative arts, health, and physical development. More detailed information can be found in the [→SmartStart Scope & Sequence](#).

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Florida Standards	Waterford Digital Resources	Waterford Resources
Mathematics		
Kindergarten		
Number Sense and Operations		
MA.K.NSO.1 Develop an understanding for counting using objects in a set.		
<p>MA.K.NSO.1.1 Given a group of up to 20 objects, count the number of objects in that group and represent the number of objects with a written numeral. State the number of objects in a rearrangement of that group without recounting.</p>	<ul style="list-style-type: none"> • Counting Songs (See titles at end of document.) • Number Instruction • Number Counting • One-to-one Correspondence • Make and Count Groups • Moving Target Dots <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Number Sense and Operations: Count Objects 1-5 • FL: KG: Number Sense and Operations: Count Objects 6-10 • FL: KG: Number Sense and Operations: Numbers and Counting 	<ul style="list-style-type: none"> • Write Numbers 0-20 • Object Counting Grouping
<p>MA.K.NSO.1.2 Given a number from 0 to 20, count out that many objects.</p>	<ul style="list-style-type: none"> • Make and Count Groups • Number Counting • Number Instruction • One-to-One Correspondence <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Number Sense and Operations: Count Objects 1-5 • FL: KG: Number Sense and Operations: Count Objects 6-10 	<ul style="list-style-type: none"> • How Many?
<p>MA.K.NSO.1.3 Identify positions of objects within a sequence using the words “first,” “second,” “third,” “fourth” or “fifth.”</p>	<ul style="list-style-type: none"> • Songs: Ordinals • Books: The Circus Came to Town • Number Counting • Ordinal Numbers <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Number Sense and Operations: Ordinal Numbers 	<ul style="list-style-type: none"> • Ordinals: 1st-5th

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.K.NSO.1 Develop an understanding for counting using objects in a set <i>continued</i>.		
<p>MA.K.NSO.1.4 Compare the number of objects from 0 to 20 in two groups using the terms less than, equal to or greater than.</p>	<ul style="list-style-type: none"> • Songs: Greater Than, Less Than • Books: For the Birds • Greater Than, Less Than • More Than, Fewer Than • More Than • Fewer Than <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Number Sense and Operations: Greater Than, Less Than 	<ul style="list-style-type: none"> • Greater, Less, or Equal
MA.K.NSO.2 Recite number names sequentially within 100 and develop an understanding for place value.		
<p>MA.K.NSO.2.1 Recite the number names to 100 by ones and by tens. Starting at a given number, count forward within 100 and backward within 20.</p>	<ul style="list-style-type: none"> • Number Songs • Counting Songs • Math Books (See titles at end of document.) • Songs: Counting Backward; Counting On; Skip Counting • Books: A Space Adventure • Songs: Counting Backward; Counting On; Skip Counting • Books: A Space Adventure • Number Instruction • Skip Count • Count On • Count Down • Counting Back <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Number Sense and Operations: Numbers to 100 • FL: KG: Number Sense and Operations: Count by Tens • FL: KG: Number Sense and Operations: Count Backwards 	<ul style="list-style-type: none"> • Count Forward • Count Back

Florida Standards	Waterford Digital Resources	Waterford Resources
<p>MA.K.NSO.2.2 Represent whole numbers from 10 to 20, using a unit of ten and a group of ones, with objects, drawings and expressions or equations.</p>	<ul style="list-style-type: none"> Place Value <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> FL: KG: Number Sense and Operations: Place Value 	<ul style="list-style-type: none"> Tens and Ones. Base 10 Blocks and Place Value Mat
<p>MA.K.NSO.2 Recite number names sequentially within 100 and develop an understanding for place value <i>continued</i>.</p>		
<p>MA.K.NSO.2.3 Locate, order and compare numbers from 0 to 20 using the number line and terms less than, equal to or greater than.</p>	<ul style="list-style-type: none"> Books: For the Birds Greater Than, Less Than More Than, Fewer Than Number Line More Than Fewer Than Order Numbers <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> FL: KG: Number Sense and Operations: Number Line 	<ul style="list-style-type: none"> Greater, Less, or Equal
<p>MA.K.NSO.3 Develop an understanding of addition and subtraction operations with one-digit whole numbers.</p>		
<p>MA.K.NSO.3.1 Explore addition of two whole numbers from 0 to 10, and related subtraction facts.</p>	<ul style="list-style-type: none"> Songs: Addition; Bee Happy Addition; On the Bayou; Bakery Subtraction; Subtract Those Cars; Circus Subtraction Books: Five Delicious Muffins Add Groups Subtract Groups Minuends Sums Act Out Addition Act Out Subtraction Make and Count Groups <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> FL: KG: Number Sense and Operations: Addition (Picnic) FL: KG: Number Sense and Operations: Add Groups FL: KG: Number Sense and Operations: Subtract Groups 	<ul style="list-style-type: none"> Represent Addition and Subtraction with Objects Relate Counting to Addition and Subtraction

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.K.NSO.3 Develop an understanding of addition and subtraction operations with one-digit whole numbers <i>continued</i>.		
<p>MA.K.NSO.3.2 Add two one-digit whole numbers with sums from 0 to 10 and subtract using related facts with procedural reliability.</p>	<ul style="list-style-type: none"> • Songs: Fact Families; Subtract Those Cars; Circus Subtraction • Books: Facts About Families • Addition and Subtraction Fact Families • Addition and Subtraction Relationship <p><i>Classroom Playlists</i></p> <ul style="list-style-type: none"> • FL: KG: Number Sense and Operations: Addition and Subtraction Fact Families • FL: KG: Number Sense and Operations: Add Groups to 10 • FL: KG: Number Sense and Operations: Subtraction to 10 	<ul style="list-style-type: none"> • Represent Addition and Subtraction with Objects • Relate Counting to Addition and Subtraction
Algebraic Reasoning		
MA.K.AR.1 Represent and solve addition problems with sums between 0 and 10 and subtraction problems using related facts.		
<p>MA.K.AR.1.1 For any number from 1 to 9, find the number that makes 10 when added to the given number.</p>		<ul style="list-style-type: none"> • Numbers that Make 10
<p>MA.K.AR.1.2 Given a number from 0 to 10, find the different ways it can be represented as the sum of two numbers.</p>	<ul style="list-style-type: none"> • Make and Count Groups • Add Groups 	<ul style="list-style-type: none"> • Decompose Numbers

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.K.AR.1 Represent and solve addition problems with sums between 0 and 10 and subtraction problems using related facts <i>continued</i>.		
<p>MA.K.AR.1.3 Solve addition and subtraction real-world problems using objects, drawings or equations to represent the problem.</p>	<ul style="list-style-type: none"> • Songs: Bee Happy Addition; On the Bayou; Bakery Subtraction; Subtract Those Cars; Circus Subtraction • Books: Five Delicious Muffins • Add Groups • Subtract Groups • Minuends • Sums • Act Out Addition • Act Out Subtraction <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Algebraic Reasoning: Addition • FL: KG: Algebraic Reasoning: Subtraction 	<ul style="list-style-type: none"> • Addition and Subtraction Word Problems
MA.K.AR.2 Develop an understanding of the equal sign.		
<p>MA.K.AR.2.1 Explain why addition or subtraction equations are true using objects or drawings.</p>	<ul style="list-style-type: none"> • Make and Count Groups • Add Groups • Subtract Groups • Act Out Addition • Act Out Subtraction • Make 10 <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Algebraic Reasoning: Addition • FL: KG: Algebraic Reasoning: Subtraction 	<ul style="list-style-type: none"> • Represent Addition and Subtraction with Objects

Florida Standards	Waterford Digital Resources	Waterford Resources
Measurement		
MA.K.M.1 Identify and compare measurable attributes of objects.		
<p>MA.K.M.1.1 Identify the attributes of a single object that can be measured such as length, volume or weight.</p>	<ul style="list-style-type: none"> • Songs: Measuring Plants • Length • Capacity <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Measurement: Attributes 	<ul style="list-style-type: none"> • Measurable Attributes
<p>MA.K.M.1.2 Directly compare two objects that have an attribute which can be measured in common. Express the comparison using language to describe the difference.</p>	<ul style="list-style-type: none"> • Songs: Savanna Size; Measuring Plants • Capacity • Length • Big and Little • Tall and Short • Heavy and Light <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Measurement: Tall and Short • FL: KG: Measurement: Heavy and Light • FL: KG: Measurement: Capacity 	<ul style="list-style-type: none"> • Comparing Objects.
<p>MA.K.M.1.3 Express the length of an object, up to 20 units long, as a whole number of lengths by laying non-standard objects end to end with no gaps or overlaps.</p>	<ul style="list-style-type: none"> • Songs: Measuring Plants • Length • Nonstandard Units of Length <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Measurement: Length 	<ul style="list-style-type: none"> • Length Measurement.

Florida Standards	Waterford Digital Resources	Waterford Resources
Geometric Reasoning		
MA.K.GR.1 Identify, compare and compose two- and three-dimensional figures.		
<p>MA.K.GR.1.1 Identify two- and three-dimensional figures regardless of their size or orientation. Figures are limited to circles, triangles, rectangles, squares, spheres, cubes, cones and cylinders.</p>	<ul style="list-style-type: none"> • Solid Shapes • Space Shapes • Simple Shapes <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Geometric Reasoning: Simple Shapes • FL: KG: Geometric Reasoning: Circle, Square, Triangle, Rectangle • FL: KG: Geometric Reasoning: Three-dimensional Shapes 	<ul style="list-style-type: none"> • Two-dimensional Shapes
<p>MA.K.GR.1.2 Compare two-dimensional figures based on their similarities, differences and positions. Sort two-dimensional figures based on their similarities and differences. Figures are limited to circles, triangles, rectangles and squares.</p>	<ul style="list-style-type: none"> • Songs: Corners and Sides • Simple Shapes • Solid Shapes • Space Shapes • Congruence • Tangrams • Similar Figures <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Geometric Reasoning: Simple Shapes • FL: KG: Geometric Reasoning: Circle, Square, Triangle, Rectangle 	<ul style="list-style-type: none"> • Compare Shapes

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.K.GR.1 Identify, compare and compose two- and three-dimensional figures <i>continued</i>.		
<p>MA.K.GR.1.3 Compare three-dimensional figures based on their similarities, differences and positions. Sort three-dimensional figures based on their similarities and differences. Figures are limited to spheres, cubes, cones and cylinders.</p>	<ul style="list-style-type: none"> ● Songs: Position Cat; Kites; Get Over the Bugs; Shapes, Shapes, Shapes; All Sorts of Laundry ● Books: Up in the Air; The Shape of Things; Imagination Shapes; Buttons, Buttons ● Position ● Over, Under, Above, Below ● Inside, Outside, Between ● Solid Shapes ● Above, Below, Next to, On <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: KG: Geometric Reasoning: Three-dimensional Shapes 	<ul style="list-style-type: none"> ● Compare Shapes
<p>MA.K.GR.1.4 Find real-world objects that can be modeled by a given two- or three-dimensional figure. Figures are limited to circles, triangles, rectangles, squares, spheres, cubes, cones and cylinders.</p>	<ul style="list-style-type: none"> ● Songs: Kites ● Books: The Shape of Things; Imagination Shapes ● Circle, Square, Triangle, Rectangle ● World Shapes <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: KG: Geometric Reasoning: Real-world Objects 	<ul style="list-style-type: none"> ● Model Shapes
<p>MA.K.GR.1.5 Combine two-dimensional figures to form a given composite figure. Figures used to form a composite shape are limited to triangles, rectangles and squares.</p>	<ul style="list-style-type: none"> ● Tangrams ● Geoboard <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: KG: Geometric Reasoning: Real-world Objects 	<ul style="list-style-type: none"> ● Form Larger Shapes

Florida Standards	Waterford Digital Resources	Waterford Resources
Data Analysis and Probability		
MA.K.DP.1 Develop an understanding for collecting, representing and comparing data.		
<p>MA.K.DP.1.1 Collect and sort objects into categories and compare the categories by counting the objects in each category. Report the results verbally, with a written numeral or with drawings.</p>	<ul style="list-style-type: none"> • Songs: Same and Different; All Sorts of Laundry • Books: Buttons, Buttons • Sort • Make and Count Groups <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: KG: Data Analysis and Probability: Sort 	<ul style="list-style-type: none"> • Classifying Objects

Florida Standards	Waterford Digital Resources	Waterford Resources
Grade 1		
Number Sense and Operations		
MA.1.NSO.1 Extend counting sequences and understand the place value of two-digit numbers		
<p>MA.1.NSO.1.1 Starting at a given number, count forward and backwards within 120 by ones. Skip count by 2s to 20 and by 5s to 100.</p>	<ul style="list-style-type: none"> • Songs: Counting On; Counting Back; Skip Counting • Skip Count • Count Back • Count On • Number Chart <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Number Sense and Operations: Skip Count by 2s • FL: 1st Grade: Number Sense and Operations: Skip Count by 5s 	<ul style="list-style-type: none"> • Count to 120
<p>MA.1.NSO.1.2 Read numbers from 0 to 100 written in standard form, expanded form and word form. Write numbers from 0 to 100 using standard form and expanded form.</p>	<ul style="list-style-type: none"> • Math Books (See titles at end of document.) • Number _ Counting (e.g., Number 2 Counting) • Number Chart • Place Value <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Number Sense and Operations: Skip Count by 2s • FL: 1st Grade: Number Sense and Operations: Write Numbers 	<ul style="list-style-type: none"> • Count to 120 • Tens and Ones
<p>MA.1.NSO.1.3 Compose and decompose two-digit numbers in multiple ways using tens and ones. Demonstrate each composition or decomposition with objects, drawings and expressions or equations.</p>	<ul style="list-style-type: none"> • Place Value • Place Value of 2-digit Numbers <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Number Sense and Operations: Place Value Counting • FL: 1st Grade: Number Sense and Operations: Compose and Decompose 2-Digit Numbers 	<ul style="list-style-type: none"> • 11-19 Decomposed

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.1.NSO.1 Extend counting sequences and understand the place value of two-digit numbers <i>continued</i>		
<p>MA.1.NSO.1.4 Plot, order and compare whole numbers up to 100.</p>	<ul style="list-style-type: none"> ● Number Line ● Place Value ● Greater Than, Less Than ● Number Chart ● Order Numbers <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 1st Grade: Number Sense and Operations: Number Chart ● FL: 1st Grade: Number Sense and Operations: Number Line ● FL: 1st Grade: Number Sense and Operations: Compare Numbers 	<ul style="list-style-type: none"> ● Compare Two-digit Numbers
MA.1.NSO.2 Develop an understanding of addition and subtraction operations with one- and two-digit numbers.		
<p>MA.1.NSO.2 Develop an understanding of addition and subtraction operations with one- and two-digit numbers.</p>	<p><u>Classroom Playlists</u></p> <p>FL: 1st Grade: Number Sense and Operations: Addition (1 digit)</p> <ul style="list-style-type: none"> ● FL: 1st Grade: Number Sense and Operations: Addition (2 digit) ● FL: 1st Grade: Number Sense and Operations: Subtraction (1 digit) ● FL: 1st Grade: Number Sense and Operations: Subtraction (2 digit) 	
<p>MA.1.NSO.2.1 Recall addition facts with sums to 10 and related subtraction facts with automaticity.</p>	<ul style="list-style-type: none"> ● Songs: Fact Families; Doubles ● Books: Facts About Families ● Addition and Subtraction Fact Families ● Addition and Subtraction Relationship <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 1st Grade: Number Sense and Operations: Mental Math (Addition) ● FL: 1st Grade: Number Sense and Operations: Mental Math (Subtraction) 	<ul style="list-style-type: none"> ● Add and Subtract within 20 ● Understand Subtraction as an Unknown Addend Problem

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.1.NSO.2 Develop an understanding of addition and subtraction operations with one- and two-digit numbers <i>continued</i>.		
<p>MA.1.NSO.2.2 Add two whole numbers with sums from 0 to 20, and subtract using related facts with procedural reliability.</p>	<ul style="list-style-type: none"> • Songs: Fact Families • Books: Facts about Families • Addition and Subtraction Fact Families • Addition Sentences • Subtraction Sentences • Commutative Property of Addition • Addition and Subtraction Relationship • Missing Addends • Missing Minuends and Subtrahends • Subtraction Patterns <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Number Sense and Operations: Addition and Subtraction Fact Families 	<ul style="list-style-type: none"> • Add and Subtract within 20
<p>MA.1.NSO.2.3 Identify the number that is one more, one less, ten more and ten less than a given two-digit number.</p>	<ul style="list-style-type: none"> • Songs: Count On • Books: Navajo Beads • Count On by 1 • Add Tens • Subtract Tens • Skip Count by 10 • Number Chart <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Number Sense and Operations: Number Patterns 	<ul style="list-style-type: none"> • Ten More or Less.
<p>MA.1.NSO.2.4 Explore the addition of a two-digit number and a one-digit number with sums to 100.</p>	<ul style="list-style-type: none"> • Addition • Addition Facts • Add 1-digit and 2-digit Numbers with Regrouping <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Number Sense and Operations: Add a 2-digit and a 1-digit Number 	<ul style="list-style-type: none"> • Adding within 100

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.1.NSO.2 Develop an understanding of addition and subtraction operations with one- and two-digit numbers <i>continued</i>.		
<p>MA.1.NSO.2.5 Explore subtraction of a one-digit number from a two-digit number.</p>	<ul style="list-style-type: none"> • Subtraction • Subtraction Facts • 2-digit Minus 1-digit Numbers with Regrouping <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Number Sense and Operations: Subtract a 1-digit from a 2-digit Number 	<ul style="list-style-type: none"> • Add and Subtract within 20
Fractions		
MA.1.FR.1 Develop an understanding of fractions by partitioning shapes into halves and fourths.		
<p>MA.1.FR.1.1 Partition circles and rectangles into two and four equal-sized parts. Name the parts of the whole using appropriate language including halves or fourths.</p>	<ul style="list-style-type: none"> • Songs: Fractions • Books: Half for You and Half for Me; Halves and Fourths and Thirds • Equal-part Fractions • Label Parts of Fractions <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Fractions 	<ul style="list-style-type: none"> • Equal Shares

Florida Standards	Waterford Digital Resources	Waterford Resources
Algebraic Reasoning		
MA.1.AR.1 Solve addition problems with sums between 0 and 20 and subtraction problems using related facts.		
<p>MA.1.AR.1.1 Apply properties of addition to find a sum of three or more whole numbers.</p>	<ul style="list-style-type: none"> • Add 3 One-digit Numbers <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Algebraic Reasoning: Add 3 Whole Numbers 	<ul style="list-style-type: none"> • Word Problems Adding 3 Numbers
<p>MA.1.AR.1.2 Solve addition and subtraction real-world problems using objects, drawings or equations to represent the problem.</p>	<ul style="list-style-type: none"> • Songs: Bakery Subtraction; Bee Happy Addition • Books: Five Delicious Muffins; Facts about Families • Add Groups • Subtract Groups • Addition and Subtraction Fact Families • Addition and Subtraction Relationship • Addition Sentences • Subtraction Sentences • Story Problem Strategies <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Algebraic Reasoning: Real Word Problems • FL: 1st Grade: Algebraic Reasoning: Act Out Addition and Subtraction 	<ul style="list-style-type: none"> • Word Problems Using Subtraction within 20
MA.1.AR.2 Develop an understanding of the relationship between addition and subtraction.		
<p>MA.1.AR.2.1 Restate a subtraction problem as a missing addend problem using the relationship between addition and subtraction.</p>	<ul style="list-style-type: none"> • Songs: Fact Families; Doubles • Books: Facts About Families • Addition and Subtraction Fact Families • Missing Addends • Subtraction Patterns <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Algebraic Reasoning: Missing Addends 	<ul style="list-style-type: none"> • Understand Subtraction as an Unknown Addend Problem

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.1.AR.2 Develop an understanding of the relationship between addition and subtraction <i>continued</i>.		
<p>MA.1.AR.2.2 Determine and explain if equations involving addition or subtraction are true or false.</p>	<ul style="list-style-type: none"> • Songs: Fact Families; Doubles • Books: Facts About Families • Addition and Subtraction Fact Families • Addition and Subtraction Relationship • Addition Sentences • Subtraction Sentences <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Algebraic Reasoning: Addition and Subtraction Equations 	<ul style="list-style-type: none"> • Equal Sign
<p>MA.1.AR.2.3 Determine the unknown whole number in an addition or subtraction equation, relating three whole numbers, with the unknown in any position.</p>	<ul style="list-style-type: none"> • Addition Sentences • Subtraction Sentences • Addition and Subtraction Fact Families • Missing Addends • Missing Minuends and Subtrahends <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Algebraic Reasoning: Missing Number 	
Measurement		
MA.1.M.1 Compare and measure the length of objects.		
<p>MA.1.M.1.1 Estimate the length of an object to the nearest inch. Measure the length of an object to the nearest inch or centimeter.</p>	<ul style="list-style-type: none"> • Songs: Measuring Plants • Books: Birds at My House • Length <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Measurement: Length 	<ul style="list-style-type: none"> • Estimating Lengths
<p>MA.1.M.1.2 Compare and order the length of up to three objects using direct and indirect comparison.</p>	<ul style="list-style-type: none"> • Length • Nonstandard Units of Length <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Measurement: Order Size 	<ul style="list-style-type: none"> • Order by Length

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.1.M.2 Tell time and identify the value of coins and combinations of coins and dollar bills.		
<p>MA.1.M.2.1 Using analog and digital clocks, tell and write time in hours and half-hours.</p>	<ul style="list-style-type: none"> • Songs: Clock Hands • Books: Mr. Romano's Secret: A Time Story • Tell Time <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Measurement: Time In Hours • FL: 1st Grade: Measurement: Time In Half-hours 	<ul style="list-style-type: none"> • Hours and Half-hours
<p>MA.1.M.2.2 Identify pennies, nickels, dimes and quarters, and express their values using the ¢ symbol. State how many of each coin equal a dollar.</p>	<ul style="list-style-type: none"> • Songs: Money; Save Your Pennies • Coin Identification • Coin Value • Quarters • Count Dimes, Nickels, and Pennies • Count Quarters, Dimes, Nickels, and Pennies • Count Nickels and Pennies or Dimes and Pennies • Count Coins <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Measurement: Coin Identification 	<ul style="list-style-type: none"> • Coin Identification
<p>MA.1.M.2.3 Find the value of combinations of pennies, nickels and dimes up to one dollar, and the value of combinations of one, five and ten dollar bills up to \$100. Use the ¢ and \$ symbols appropriately.</p>	<ul style="list-style-type: none"> • Songs: Money; Save Your Pennies • Coin Identification • Coin Value • Quarters • Count Dimes, Nickels, and Pennies • Count Quarters, Dimes, Nickels, and Pennies • Count Nickels and Pennies or Dimes and Pennies • Count Coins • Count Bills and Coins • Equivalent Sums of Money <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Measurement: Value of Money 	<ul style="list-style-type: none"> • Coin Identification

Florida Standards	Waterford Digital Resources	Waterford Resources
Geometric Reasoning		
MA.1.GR.1 Identify and analyze two- and three-dimensional figures based on their defining attributes.		
<p>MA.1.GR.1.1 Identify, compare and sort two- and three-dimensional figures based on their defining attributes. Figures are limited to circles, semi-circles, triangles, rectangles, squares, trapezoids, hexagons, spheres, cubes, rectangular prisms, cones and cylinders.</p>	<ul style="list-style-type: none"> • Songs: Shapes, Shapes, Shapes; Corners and Sides; Kites • Books: The Shape of Things • Space Shapes • World Shapes • Geoboard <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Geometric Reasoning: Two dimensional Shapes • FL: 1st Grade: Geometric Reasoning: Three-dimensional Shapes 	<ul style="list-style-type: none"> • Compare Shapes
<p>MA.1.GR.1.2 Sketch two-dimensional figures when given defining attributes. Figures are limited to triangles, rectangles, squares and hexagons.</p>	<p>Waterford encourages everyone to have writing, drawing, and art materials available for children's creations.</p>	<ul style="list-style-type: none"> • Attributes
<p>MA.1.GR.1.3 Compose and decompose two- and three-dimensional figures. Figures are limited to semi-circles, triangles, rectangles, squares, trapezoids, hexagons, cubes, rectangular prisms, cones and cylinders.</p>	<ul style="list-style-type: none"> • Space Shapes • Geoboard • Tangrams <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Geometric Reasoning: Compose and Decompose Figures 	<ul style="list-style-type: none"> • Form Larger Shapes
<p>MA.1.GR.1.4 Given a real-world object, identify parts that are modeled by two- and three-dimensional figures. Figures are limited to semi-circles, triangles, rectangles, squares and hexagons, spheres, cubes, rectangular prisms, cones and cylinders.</p>	<ul style="list-style-type: none"> • Songs: Shapes, Shapes, Shapes, Kites • Books: The Shape of Things; Imagination Shapes <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Geometric Reasoning: Two-dimensional Shapes 	<ul style="list-style-type: none"> • Describing Objects • Model Shapes

Florida Standards	Waterford Digital Resources	Waterford Resources
Data Analysis and Probability		
MA.1.DP.1 Collect, represent and interpret data using pictographs and tally marks.		
<p>MA.1.DP.1.1 Collect data into categories and represent the results using tally marks or pictographs.</p>	<ul style="list-style-type: none"> • Songs: Tallying; Graphing • Books: One More Cat; The Boonville Nine • Tally Marks • Graphs • Make a Table <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Data Analysis and Probability: Tally Marks • FL: 1st Grade: Data Analysis and Probability: Picture Graphs 	<ul style="list-style-type: none"> • Data Categorization • Graphs
<p>MA.1.DP.1.2 Interpret data represented with tally marks or pictographs by calculating the total number of data points and comparing the totals of different categories.</p>	<ul style="list-style-type: none"> • Songs: Tallying; Graphing • Books: One More Cat; The Boonville Nine • Tally Marks • Graphing • Bar Graphs • Picture Graphs <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Data Analysis and Probability: Tally Marks • FL: 1st Grade: Data Analysis and Probability: Picture Graphs 	<ul style="list-style-type: none"> • Data Categorization • Graphs
Grade 2		
Number Sense and Operations		
MA.2.NSO.1 Understand the place value of three-digit numbers.		
<p>MA.2.NSO.1.1 Read and write numbers from 0 to 1,000 using standard form, expanded form and word form.</p>	<ul style="list-style-type: none"> • Sequences of 2-digit Numbers • Sequences of 3-digit Numbers • Number Chart • Place Value <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Number Sense and Operations: Expanded Form 	<ul style="list-style-type: none"> • Read and Write Numbers to 1000

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.2.NSO.1 Understand the place value of three-digit numbers <i>continued</i>.		
<p>MA.2.NSO.1.2 Compose and decompose three-digit numbers in multiple ways using hundreds, tens and ones. Demonstrate each composition or decomposition with objects, drawings and expressions or equations.</p>	<ul style="list-style-type: none"> ● Songs: Place Value ● Place Value of 3-digit Numbers ● Addition ● Add Tens ● Addition and Subtraction Relationship ● Add with Regrouping Concept <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Number Sense and Operations: Place Value 	<ul style="list-style-type: none"> ● Read and Write Numbers to 1000
<p>MA.2.NSO.1.3 Plot, order and compare whole numbers up to 1,000.</p>	<ul style="list-style-type: none"> ● Greater Than, Less Than (3-digit Numbers) ● Place Value of 3-digit Numbers ● Number Line ● Place Value ● Number Chart <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Number Sense and Operations: Compare Numbers to 1,000 ● FL: 2nd Grade: Number Sense and Operations: Numbers up to 1,000 	<ul style="list-style-type: none"> ● Less Than, Equal To, or Greater Than
<p>MA.2.NSO.1.4 Round whole numbers from 0 to 100 to the nearest 10.</p>	<ul style="list-style-type: none"> ● Songs: Rounding ● Books: The Fable Fair ● Round to Tens <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Number Sense and Operations: Round Numbers 	

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.2.NSO.2 Add and subtract two- and three-digit whole numbers		
<p>MA.2.NSO.2 Add and subtract two- and three-digit whole numbers continued.</p>	<p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Number Sense and Operations: Add 2- and 3-digit Numbers ● FL: 2nd Grade: Number Sense and Operations: Subtract 2- and 3-digit Numbers ● FL: 2nd Grade: Number Sense and Operations: Add with Regrouping ● FL: 2nd Grade: Number Sense and Operations: Subtract with Regrouping 	
<p>MA.2.NSO.2.1 Recall addition facts with sums to 20 and related subtraction facts with automaticity.</p>	<ul style="list-style-type: none"> ● Songs: Fact Families ● Books: Facts About Families ● Addition and Subtraction Fact Families ● Mental Math ● Speed Games <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Number Sense and Operations: Related Addition and Subtraction Facts 	<ul style="list-style-type: none"> ● Adding and Subtracting within 20 ● Relate Counting to Addition and Subtraction
<p>MA.2.NSO.2.2 Identify the number that is ten more, ten less, one hundred more and one hundred less than a given three-digit number.</p>	<ul style="list-style-type: none"> ● Songs: Skip Counting ● Books: Navajo Beads ● Add Tens ● Subtract Tens ● Skip Count by 10 ● Number Chart <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Number Sense and Operations: Patterns of 3-digit Numbers 	<ul style="list-style-type: none"> ● Mentally Adding and Subtracting 10 or 100 ● Ten More or Less

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.2.NSO.2 Add and subtract two- and three-digit whole numbers <i>continued</i>		
<p>MA.2.NSO.2.3 Add two whole numbers with sums up to 100 with procedural reliability. Subtract a whole number from a whole number, each no larger than 100, with procedural reliability.</p>	<ul style="list-style-type: none"> ● Addition and Subtraction Relationship ● Commutative Properties of Addition ● Addition ● Subtraction ● Add without Regrouping ● Add with Regrouping ● Subtract without regrouping ● Subtract with Regrouping <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Number Sense and Operations: Add Whole Numbers up to 100 	<ul style="list-style-type: none"> ● Add and Subtract within 100
<p>MA.2.NSO.2.4 Explore the addition of two whole numbers with sums up to 1,000. Explore the subtraction of a whole number from a whole number, each no larger than 1,000.</p>	<ul style="list-style-type: none"> ● Addition and Subtraction Relationship ● Commutative Properties of Addition ● Addition ● Subtraction ● Add without Regrouping ● Add with Regrouping ● Subtract without regrouping ● Subtract with Regrouping ● Act Out Addition ● Act Out Subtraction <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Number Sense and Operations: Add Whole Numbers up to 1,000 	<ul style="list-style-type: none"> ● Add and Subtract within 1000

Florida Standards	Waterford Digital Resources	Waterford Resources
Fractions		
MA.2.FR.1 Develop an understanding of fractions.		
<p>MA.2.FR.1.1 Partition circles and rectangles into two, three or four equal-sized parts. Name the parts using appropriate language, and describe the whole as two halves, three thirds or four fourths</p>	<ul style="list-style-type: none"> ● Songs: Fractions ● Books: Halves and Fourths and Thirds; The Fraction Twins ● Fractions ● Label Parts of Fractions ● Fractions of Regions ● Fractions of Groups <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Fractions: Label Parts of Fractions 	<ul style="list-style-type: none"> ● Fractions
<p>MA.2.FR.1.2 Partition rectangles into two, three or four equal-sized parts in two different ways showing that equal-sized parts of the same whole may have different shapes.</p>	<ul style="list-style-type: none"> ● Songs: Fractions ● Fractions of Regions <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Fractions 	
Algebraic Reasoning		
MA.2.AR.1 Solve addition problems with sums between 0 and 100 and related subtraction problems.		
<p>MA.2.AR.1.1 Solve one- and two-step addition and subtraction real-world problems.</p>	<ul style="list-style-type: none"> ● Books: Painting by Number ● Addition ● Subtraction ● Missing Addends and Subtrahends ● Subtraction Sentences ● Addition and Subtraction Facts ● Story Problem Strategies <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Algebraic Reasoning: Real-world Addition and Subtraction Problems 	<ul style="list-style-type: none"> ● One- and Two-step Word Problems within 100

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.2.AR.2 Demonstrate an understanding of equality and addition and subtraction.		
<p>MA.2.AR.2.1 Determine and explain whether equations involving addition and subtraction are true or false.</p>	<ul style="list-style-type: none"> ● Books: Facts About Families ● Addition Facts ● Subtraction Facts ● Addition and Subtraction Fact Families ● Addition and Subtraction Relationship ● Commutative Property of Addition <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Algebraic Reasoning: True or False 	<ul style="list-style-type: none"> ● Equal Sign
<p>MA.2.AR.2.2 Determine the unknown whole number in an addition or subtraction equation, relating three or four whole numbers, with the unknown in any position.</p>	<ul style="list-style-type: none"> ● Books: Painting by Number; Facts About Families ● Addition ● Subtraction ● Missing Addends and Subtrahends ● Subtraction Sentences ● Addition and Subtraction Fact Families ● Addition and Subtraction Relationship ● Commutative Property of Addition <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Algebraic Reasoning: Unknown Number 	<ul style="list-style-type: none"> ● One- and Two-step Word Problems within 100 ● Relate Counting to Addition and Subtraction
MA.2.AR.3 Develop an understanding of multiplication.		
<p>MA.2.AR.3.1 Represent an even number using two equal groups or two equal addends. Represent an odd number using two equal groups with one left over or two equal addends plus 1.</p>	<ul style="list-style-type: none"> ● Songs: Odd Todd and Even Steven ● Skip Count by 2 ● Addition Facts <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Algebraic Reasoning: Doubles 	<ul style="list-style-type: none"> ● Odd and Even Recognition
<p>MA.2.AR.3.2 Use repeated addition to find the total number of objects in a collection of equal groups. Represent the total number of objects using rectangular arrays and equations.</p>	<ul style="list-style-type: none"> ● Addition ● Multiply Using Repeated Addition ● Multiply Using Arrays <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: 2nd Grade: Algebraic Reasoning: Repeated Addition ● FL: 2nd Grade: Algebraic Reasoning: Arrays 	

Florida Standards	Waterford Digital Resources	Waterford Resources
Measurement		
MA.2.M.1 Measure the length of objects and solve problems involving length.		
<p>MA.2.M.1.1 Estimate and measure the length of an object to the nearest inch, foot, yard, centimeter or meter by selecting and using an appropriate tool.</p>	<ul style="list-style-type: none"> • Songs: Measuring Plants • Books: Birds at My House • Length • Measurement Tools • Standard Units of Length <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Measurement: Measure Length 	<ul style="list-style-type: none"> • Estimating Lengths • Measurement Tools
<p>MA.2.M.1.2 Measure the lengths of two objects using the same unit and determine the difference between their measurements.</p>	<ul style="list-style-type: none"> • Length • Standard Units of Length • Measurement Tools <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Measurement: Measure Length 	<ul style="list-style-type: none"> • Measure Length
<p>MA.2.M.1.3 Solve one- and two-step real-world measurement problems involving addition and subtraction of lengths given in the same units.</p>	<ul style="list-style-type: none"> • Books: Yangshi's Perimeter • Perimeter • Addition • Subtraction • Length • Standard Units of Length <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Measurement: Real-World Length Problems 	<ul style="list-style-type: none"> • One- and Two-step Word Problems within 100

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.2.M.2 Tell time and solve problems involving money.		
<p>MA.2.M.2.1 Using analog and digital clocks, tell and write time to the nearest five minutes using a.m. and p.m. appropriately. Express portions of an hour using the fractional terms half an hour, half past, quarter of an hour, quarter after and quarter til.</p>	<ul style="list-style-type: none"> • Songs: Telling Time; Clock Hands • Tell Time <p><i>Classroom Playlists</i></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Measurement: Tell Time to Five Minutes • FL: 2nd Grade: Measurement: Portions of an Hour 	<ul style="list-style-type: none"> • Hours and Half-hours
<p>MA.2.M.2.2 Solve one- and two-step addition and subtraction real-world problems involving either dollar bills within \$100 or coins within 100¢ using \$ and ¢ symbols appropriately.</p>	<ul style="list-style-type: none"> • Songs: Money; Save Your Pennies • 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 <p><i>Classroom Playlists</i></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Measurement: Money 	<ul style="list-style-type: none"> • Money Word Problems
Geometric Reasoning		
MA.2.GR.1 Identify and analyze two-dimensional figures and identify lines of symmetry.		
<p>MA.2.GR.1.1 Identify and draw two-dimensional figures based on their defining attributes. Figures are limited to triangles, rectangles, squares, pentagons, hexagons and octagons.</p>	<ul style="list-style-type: none"> • Songs: Shapes, Shapes, Shapes; Corners and Sides; Kites • Books: The Shape of Things • World Shapes • Geoboard <p><i>Classroom Playlists</i></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Geometric Reasoning: Shapes 	<ul style="list-style-type: none"> • Draw Shapes

Florida Standards	Waterford Digital Resources	Waterford Resources
MA.2.GR.1 Identify and analyze two-dimensional figures and identify lines of symmetry <i>continued</i>.		
<p>MA.2.GR.1.2 Categorize two-dimensional figures based on the number and length of sides, number of vertices, whether they are closed or not and whether the edges are curved or straight.</p>	<ul style="list-style-type: none"> • Songs: Shapes, Shapes, Shapes; Corners and Sides; Kites • Books: The Shape of Things • Simple Shapes <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Geometric Reasoning: Shapes 	<ul style="list-style-type: none"> • Draw Shapes
<p>MA.2.GR.1.3 Identify line(s) of symmetry for a two-dimensional figure.</p>	<ul style="list-style-type: none"> • Songs: Symmetry • Books: Symmetry and Me • Symmetry <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Geometric Reasoning: Symmetry 	
MA.2.GR.2 Describe perimeter and find the perimeter of polygons.		
<p>MA.2.GR.2.1 Explore perimeter as an attribute of a figure by placing unit segments along the boundary without gaps or overlaps. Find perimeters of rectangles by counting unit segments.</p>	<ul style="list-style-type: none"> • Songs: Perimeter • Books: Yangshi's Perimeter • Perimeter • Length • Standard Units of Length <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Geometric Reasoning: Perimeter 	<ul style="list-style-type: none"> • Add and Subtract Word Problems within 100.pdf
<p>MA.2.GR.2.2 Find the perimeter of a polygon with whole-number side lengths. Polygons are limited to triangles, rectangles, squares and pentagons.</p>	<ul style="list-style-type: none"> • Songs: Perimeter • Books: Yangshi's Perimeter • Perimeter • Length • Standard Units of Length <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Geometric Reasoning: Perimeter 	<ul style="list-style-type: none"> • Add and Subtract Word Problems within 100.pdf

Florida Standards	Waterford Digital Resources	Waterford Resources
Data Analysis and Probability		
MA.2.DP.1 Collect, categorize, represent and interpret data using appropriate titles, labels and units.		
<p>MA.2.DP.1.1 Collect, categorize and represent data using tally marks, tables, pictographs or bar graphs. Use appropriate titles, labels and units.</p>	<ul style="list-style-type: none"> • Songs: Graphing; Tallying • Books: One More Cat; Painting by Number, • Tally Marks • Graphs • Bar Graphs • Picture Graphs • Make a Table • Use Graphs and Tables <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Data Analysis and Probability: Bar Graphs • FL: 2nd Grade: Data Analysis and Probability: Picture Graphs • FL: 2nd Grade: Data Analysis and Probability: Tally Marks 	<ul style="list-style-type: none"> • Graphs • Data Categorization
<p>MA.2.DP.1.2 Interpret data represented with tally marks, tables, pictographs or bar graphs including solving addition and subtraction problems.</p>	<ul style="list-style-type: none"> • Songs: Graphing; Tallying • Books: One More Cat; Painting by Number • Tally Marks • Graphs • Bar Graphs • Picture Graphs • Make a Table • Use Graphs and Tables • Addition and Subtraction Relationship • Addition • Subtraction <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Data Analysis and Probability: Bar Graphs • FL: 2nd Grade: Data Analysis and Probability: Picture Graphs • FL: 2nd Grade: Data Analysis and Probability: Tally Marks 	<ul style="list-style-type: none"> • Graphs • Data Categorization

Florida Standards	Waterford Digital Resources	Waterford Resources
SCIENCE		
Kindergarten		
Earth and Space Science		
<p>SC.K.E.5.1 Explore the Law of Gravity by investigating how objects are pulled toward the ground unless something holds them up.</p>	<ul style="list-style-type: none"> • Songs: Gravity • Books: Up and Down • Gravity <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Earth and Space Science: Gravity 	
<p>SC.K.E.5.2 Recognize the repeating pattern of day and night.</p>	<ul style="list-style-type: none"> • Songs: The Moon • Books: Moon Song • Sun • Moon <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Earth and Space Science: Day and Night 	
<p>SC.K.E.5.3 Recognize that the Sun can only be seen in the daytime.</p>	<ul style="list-style-type: none"> • Songs: Sun Blues • Sun <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Earth and Space Science: Day and Night 	<ul style="list-style-type: none"> • The Sky Above Us
<p>SC.K.E.5.4 Observe that sometimes the Moon can be seen at night and sometimes during the day.</p>	<ul style="list-style-type: none"> • Songs: The Moon • Books: Moon Song • Moon • Moon Patterns <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Earth and Space Science: Day and Night 	<ul style="list-style-type: none"> • The Moon • The Sky Above Us

Florida Standards	Waterford Digital Resources	Waterford Resources
Earth and Space Science <i>continued</i>		
<p>SC.K.E.5.5 Observe that things can be big and things can be small as seen from Earth.</p>	<ul style="list-style-type: none"> • Songs: The Moon • Books: Moon Song; Star Pictures • Sun, Moon, and Earth • Sun • Moon • Constellations <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Earth and Space Science: Day and Night 	<ul style="list-style-type: none"> • The Sky Above Us
<p>SC.K.E.5.6 Observe that some objects are far away and some are nearby as seen from Earth.</p>	<ul style="list-style-type: none"> • Songs: The Moon • Books: Star Pictures • Sun, Moon, and Earth • Sun • Constellations <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Earth and Space Science: Sun, Moon, and Earth 	

Florida Standards	Waterford Digital Resources	Waterford Resources
Life Science		
<p>SC.K.L.14.1 Recognize the five senses and related body parts.</p>	<ul style="list-style-type: none"> • Songs: The Five Senses • Books: I Wish I Had Ears Like a Bat • Five Senses • Sight • Hearing • Taste • Touch • Smell <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Life Science: Five Senses: • FL: Kindergarten: Life Science: Five Senses Books 	
<p>SC.K.L.14.2 Recognize that some books and other media portray animals and plants with characteristics and behaviors they do not have in real life.</p>	<ul style="list-style-type: none"> • Books: The Mighty Sparrow; Little Monkey; Snake Weaves a Rug; Macaw's Chorus; Little Tree; Turtle's Pond; Will You Play With Me?; Happy Birthday; Can We Still Be Friends?; The Snoring Boar <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Life Science: Animal Portrayals 	
<p>SC.K.L.14.3 Observe plants and animals, describe how they are alike and how they are different in the way they look and in the things they do.</p>	<ul style="list-style-type: none"> • Plants and Animals • Plant or Animal • Sun • Plants and Animals Need Air • Animals Need Water • Plants Need Water • Living Things • Plant Parts • Animal Bodies <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Life Science: Plant or Animal 	

Florida Standards	Waterford Digital Resources	Waterford Resources
Physical Science		
<p>SC.K.P.12.1 Investigate that things move in different ways, such as fast, slow, etc.</p>	<ul style="list-style-type: none"> ● Songs: Push and Pull ● Books: The Big Hill ● Rock Cycle <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: Kindergarten: Physical Science: How Things Move 	<ul style="list-style-type: none"> ● Air Movement
<p>SC.K.P.13.1 Observe that a push or a pull can change the way an object is moving.</p>	<ul style="list-style-type: none"> ● Songs: Push and Pull ● Books: Mr. Mario's Neighborhood ● Push and Pull <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: Kindergarten: Physical Science: Push or Pull 	
<p>SC.K.P.8.1 Sort objects by observable properties, such as size, shape, color, temperature (hot or cold), weight (heavy or light) and texture.</p>	<ul style="list-style-type: none"> ● Songs: Savanna Size; Measuring Plants; Shapes, Shapes, Shapes; Marmot Shapes ● Books: Buttons, Buttons ● Capacity ● Length ● Heavy and Light ● Tall and Short ● Big and Little ● Materials ● Sort <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: Kindergarten: Physical Science: Sort 	
<p>SC.K.P.9.1 Recognize that the shape of materials such as paper and clay can be changed by cutting, tearing, crumpling, smashing, or rolling.</p>	<ul style="list-style-type: none"> ● Materials ● Changes in Matter ● Matter Experiment <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> ● FL: Kindergarten: Physical Science: Change Shape 	<ul style="list-style-type: none"> ● Model Shapes ● Folded Paper Airplane Pattern

Florida Standards	Waterford Digital Resources	Waterford Resources
Nature of Science		
<p>SC.K.N.1.2 Make observations of the natural world and know that they are descriptors collected using the five senses.</p>	<ul style="list-style-type: none"> • Songs: The Five Senses; Conservation; I Am Part of All I See; Precipitation • Books: I Wish I Had Ears Like a Bat • Science Investigation • States of Water • Five Senses • Sight • Hearing • Taste • Touch • Smell • Water • Weather <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: Kindergarten: Life Science: Five Senses: • FL: Kindergarten: Life Science: Five Senses Books 	
Grade 1		
Earth and Space Science		
<p>SC.1.E.5.1 Observe and discuss that there are more stars in the sky than anyone can easily count and that they are not scattered evenly in the sky.</p>	<ul style="list-style-type: none"> • Books: Star Pictures • Constellations <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Earth and Space Science: Stars 	
<p>SC.1.E.5.2 Explore the Law of Gravity by demonstrating that Earth's gravity pulls any object on or near Earth toward it even though nothing is touching the object.</p>	<ul style="list-style-type: none"> • Songs: Gravity • Books: Up and Down • Gravity <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Earth and Space Science: Gravity 	

Florida Standards	Waterford Digital Resources	Waterford Resources
Earth and Space Science <i>continued</i>		
<p>SC.1.E.5.3 Investigate how magnifiers make things appear bigger and help people see things they could not see without them.</p>	<ul style="list-style-type: none"> • Books: What Is It?: Magnifying Glass; I Want to Be a Scientist Like Antoni Van Leeuwenhoek • Science Tools • Science Investigation <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Earth and Space Science: Magnifiers 	
<p>SC.1.E.5.4 Identify the beneficial and harmful properties of the Sun.</p>	<ul style="list-style-type: none"> • Songs: Sun Blues; Plants are Growing • Sun • Healthy Plants' Needs <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Earth and Space Science: Sun Safety 	<ul style="list-style-type: none"> • Light for Plants
<p>SC.1.E.6.1 Recognize that water, rocks, soil, and living organisms are found on Earth's surface.</p>	<ul style="list-style-type: none"> • Songs: Conservation; I Am Part of All I See; Water • Books: Water Is All Around • Plants and Animals • Natural Resources • Rocks • Rock Cycle • Water <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Earth and Space Science: Earth 	
<p>SC.1.E.6.2 Describe the need for water and how to be safe around water.</p>	<ul style="list-style-type: none"> • Songs: Water; Water Cycle • Books: Mela's Water Pot • Water • Water Cycle • Care of Water • Water Uses • Animals Need Water • Plants Need Water <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Earth and Space Science: Need for Water 	

Florida Standards	Waterford Digital Resources	Waterford Resources
Earth and Space Science <i>continued</i>		
<p>SC.1.E.6.3 Recognize that some things in the world around us happen fast and some happen slowly.</p>	<ul style="list-style-type: none"> • Songs: The Four Seasons; Rock Cycle • Books: That's What I Like: A Book About Seasons; Whatever the Weather; Fossils Under Our Feet • Rock Cycle • Fossils • Spring • Summer • Fall • Winter • Water <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Earth and Space Science: Things Happening Fast and Slow 	<ul style="list-style-type: none"> • Rocks
Life Science		
<p>SC.1.L.14.1 Make observations of living things and their environment using the five senses.</p>	<ul style="list-style-type: none"> • Songs: The Five Senses • Books: I Wish I Had Ears Like a Bat • Five Senses • Sight • Hearing • Taste • Touch • Smell • Rocks • Deserts • Mountains • Oceans • Rainforests <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Life Science: Observations of Living Things 	

Florida Standards	Waterford Digital Resources	Waterford Resources
Life Science <i>continued</i>		
<p>SC.1.L.14.2 Identify the major parts of plants, including stem, roots, leaves, and flowers.</p>	<ul style="list-style-type: none"> • Songs: Plants Are Growing • Books: A Seed Grows • Plants • Functions of Plant Parts <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Life Science: Plant Parts 	
<p>SC.1.L.14.3 Differentiate between living and nonliving things.</p>	<ul style="list-style-type: none"> • Songs: Living and Nonliving • Living or Nonliving • Plants and Animals • Rocks <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Life Science: Living or Nonliving 	
<p>SC.1.L.16.1 Make observations that plants and animals closely resemble their parents, but variations exist among individuals within a population.</p>	<ul style="list-style-type: none"> • Songs: Traits • Books: George and Jack; A Seed Grows; Mine • Build Knowledge: Mine • Traits of Living Things <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Life Science: Traits 	<ul style="list-style-type: none"> • Traits
<p>SC.1.L.17.1 Through observation, recognize that all plants and animals, including humans, need the basic necessities of air, water, food, and space.</p>	<ul style="list-style-type: none"> • Songs: Water; Food From Plants • Books: Mela's Water Pot; Everybody Needs to Eat • Sun • Plants • Water • Plants and Animals Need Air • Healthy Plants' Needs <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 1st Grade: Life Science: Plants and Animals Needs 	<ul style="list-style-type: none"> • Water for Plants • Green and Growing

Florida Standards	Waterford Digital Resources	Waterford Resources
Physical Science		
<p>SC.1.P.12.1 Demonstrate and describe the various ways that objects can move, such as in a straight line, zigzag, back-and-forth, round-and-round, fast, and slow.</p>	<ul style="list-style-type: none"> Songs: Health Books: The Big Hill; The Swing; Play Ball; Movin' to the Music Time <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> FL: 1st Grade: Physical Science: How Objects Can Move 	
<p>SC.1.P.13.1 Demonstrate that the way to change the motion of an object is by applying a push or a pull.</p>	<ul style="list-style-type: none"> Songs: Push and Pull Books: Mr. Mario's Neighborhood Push and Pull <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> FL: 1st Grade: Physical Science: Push and Pull 	<ul style="list-style-type: none"> How It Works
<p>SC.1.P.8.1 Sort objects by observable properties, such as size, shape, color, temperature (hot or cold), weight (heavy or light), texture, and whether objects sink or float.</p>	<ul style="list-style-type: none"> Songs: Savanna Size; Measuring Plants; Shapes, Shapes, Shapes; Marmot Shapes Books: Buttons, Buttons Size Capacity Length Heavy and Light Tall and Short Big and Little Materials Sort Buoyancy Experiment <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> FL: 1st Grade: Physical Science: Sort 	<ul style="list-style-type: none"> Fruit Float
Nature of Science		
<p>SC.1.N.1.3 Keep records as appropriate - such as pictorial and written records - of investigations conducted.</p>	<ul style="list-style-type: none"> Songs: The Scientific Method Science Investigation <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> FL: 1st Grade: Nature of Science 	

Florida Standards	Waterford Digital Resources	Waterford Resources
Grade 2		
Earth and Space Science		
<p>SC.2.E.6.1 Recognize that Earth is made up of rocks. Rocks come in many sizes and shapes.</p>	<ul style="list-style-type: none"> • Rocks • Rock Cycle <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Earth and Space Science: Rocks 	<ul style="list-style-type: none"> • Rocks
<p>SC.2.E.6.2 Describe how small pieces of rock and dead plant and animal parts can be the basis of soil and explain the process by which soil is formed.</p>	<ul style="list-style-type: none"> • Soil • Rock Cycle <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Earth and Space Science: Soil 	
<p>SC.2.E.6.3 Classify soil types based on color, texture (size of particles), the ability to retain water, and the ability to support the growth of plants.</p>	<ul style="list-style-type: none"> • Soil • Rock Cycle <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Earth and Space Science: Soil 	<ul style="list-style-type: none"> • Rocks
<p>SC.2.E.7.1 Compare and describe changing patterns in nature that repeat themselves, such as weather conditions including temperature and precipitation, day to day and season to season.</p>	<ul style="list-style-type: none"> • Songs: Seasons; Precipitation • Books: That's What I Like: A Book About Seasons; Whatever the Weather • Weather • Calendar/Graph Weather • Weather Patterns • Clouds • Spring • Summer • Fall • Winter <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Earth and Space Science: Seasons • FL: 2nd Grade: Earth and Space Science: Weather 	<ul style="list-style-type: none"> • Weather Cards • Weather • The Weather Around Us

Florida Standards	Waterford Digital Resources	Waterford Resources
Earth and Space Science <i>continued</i>		
<p>SC.2.E.7.2 Investigate by observing and measuring, that the Sun's energy directly and indirectly warms the water, land, and air.</p>	<ul style="list-style-type: none"> • Songs: The Scientific Method; Sun Blues • Sun • Science Tools • Sun, Moon, and Earth <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Earth and Space Science: Sun 	
<p>SC.2.E.7.3 Investigate, observe and describe how water left in an open container disappears (evaporates), but water in a closed container does not disappear (evaporate).</p>	<ul style="list-style-type: none"> • States of Water <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Earth and Space Science: Water Evaporation 	<ul style="list-style-type: none"> • Evaporation
<p>SC.2.E.7.4 Investigate that air is all around us and that moving air is wind.</p>	<ul style="list-style-type: none"> • Songs: Air • Air • Care of Air • Weather <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Earth and Space Science: Air 	<ul style="list-style-type: none"> • Air Movement
<p>SC.2.E.7.5 State the importance of preparing for severe weather, lightning, and other weather related events.</p>	<ul style="list-style-type: none"> • Songs: Storms; Precipitation • Books: Whatever the Weather • Lightning Safety • Weather • Weather Tools • Weather Affects People and Animals • Weather Experiment <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Earth and Space Science: Weather Safety 	

Florida Standards	Waterford Digital Resources	Waterford Resources
Life Science		
<p>SC.2.L.14.1 Distinguish human body parts (brain, heart, lungs, stomach, muscles, and skeleton) and their basic functions.</p>	<ul style="list-style-type: none"> • Exercise and Rest • Body Parts <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Life Science: Body Parts 	<ul style="list-style-type: none"> • Body Apron
<p>SC.2.L.16.1 Observe and describe major stages in the life cycles of plants and animals, including beans and butterflies.</p>	<ul style="list-style-type: none"> • Books: Watch the Woolly Worm; Little Tree; A Seed Grows • Animal Life Cycle and Growth • Plant Life Cycle and Growth • Amphibians <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Life Science: Plant Life Cycle • FL: 2nd Grade: Life Science: Animal Life Cycle 	<ul style="list-style-type: none"> • Butterfly Life Cycle • Bird Life Cycle • Frog Life Cycle • The Plant Life Cycle
<p>SC.2.L.17.1 Compare and contrast the basic needs that all living things, including humans, have for survival.</p>	<ul style="list-style-type: none"> • Songs: Water; Food From Plants • Books: Mela's Water Pot; Everybody Needs to Eat • Sun • Plants • Water • Plants and Animals Need Air • Healthy Plants' Needs <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Life Science: Basic Needs 	<ul style="list-style-type: none"> • Water for Plants • Green and Growing

Florida Standards	Waterford Digital Resources	Waterford Resources
Life Science <i>continued</i>		
<p>SC.2.L.17.2 Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs.</p>	<ul style="list-style-type: none"> • Songs: Animal Bodies; Four Ecosystems • Books: Animal Bodies; Where in the World Would You Go Today? • Ecosystems • Animal Bodies • Animal Behavior • Mountains • Deserts • Oceans • Rainforests <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Life Science: 	<ul style="list-style-type: none"> • Places on Earth
Physical Science		
<p>SC.2.P.10.1 Discuss that people use electricity or other forms of energy to cook their food, cool or warm their homes, and power their cars.</p>	<ul style="list-style-type: none"> • Books: Lightning Bells; I Want to Be a Scientist Like Thomas Edison • Electricity • Electricity Exploration • Light Unit • Heat Sources and Uses <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Electricity 	
<p>SC.2.P.13.1 Investigate the effect of applying various pushes and pulls on different objects.</p>	<ul style="list-style-type: none"> • Songs: Push and Pull • Books: Mr. Mario's Neighborhood • Push and Pull <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Push and Pull 	<ul style="list-style-type: none"> • How It Works
<p>SC.2.P.13.2 Demonstrate that magnets can be used to make some things move without touching them.</p>	<ul style="list-style-type: none"> • Magnets <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Magnets 	<ul style="list-style-type: none"> • How It Works

Florida Standards	Waterford Digital Resources	Waterford Resources
Physical Science <i>continued</i>		
<p>SC.2.P.13.3 Recognize that objects are pulled toward the ground unless something holds them up.</p>	<ul style="list-style-type: none"> • Songs: Gravity • Books: Up and Down • Gravity <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Gravity 	
<p>SC.2.P.13.4 Demonstrate that the greater the force (push or pull) applied to an object, the greater the change in motion of the object.</p>	<ul style="list-style-type: none"> • Songs: Push and Pull • Books: Mr. Mario's Neighborhood • Push and Pull <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Push and Pull 	<ul style="list-style-type: none"> • How It Works
<p>SC.2.P.8.1 Observe and measure objects in terms of their properties, including size, shape, color, temperature, weight, texture, sinking or floating in water, and attraction and repulsion of magnets.</p>	<ul style="list-style-type: none"> • Songs: Savanna Size; Measuring Plants; Shapes, Shapes, Shapes; Marmot Shapes • Science Tools • Science Investigation • Measurement Tools • Capacity • Length • Weight • Materials • Magnets • Density Experiment • Buoyancy Experiment <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: 	

Florida Standards	Waterford Digital Resources	Waterford Resources
Physical Science <i>continued</i>		
<p>SC.2.P.8.2 Identify objects and materials as solid, liquid, or gas.</p>	<ul style="list-style-type: none"> • Songs: Solid or Liquid; Matter • Books: Pancakes Matter • Solid and Liquid • Solid, Liquid, Gas • Matter • States of Water • Density Experiment <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Solid, Liquid, Gas 	<ul style="list-style-type: none"> • States of Water
<p>SC.2.P.8.3 Recognize that solids have a definite shape and that liquids and gases take the shape of their container.</p>	<ul style="list-style-type: none"> • Songs: Solid or Liquid • Books: Pancakes Matter • Solid and Liquid • Solid, Liquid, Gas • Matter • States of Water <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Solid, Liquid, Gas 	
<p>SC.2.P.8.4 Observe and describe water in its solid, liquid, and gaseous states.</p>	<ul style="list-style-type: none"> • Songs: Solid or Liquid; Precipitation • Solid and Liquid • Solid, Liquid, Gas • States of Water <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: States of Water 	<ul style="list-style-type: none"> • States of Water
<p>SC.2.P.8.5 Measure and compare temperatures taken every day at the same time.</p>	<ul style="list-style-type: none"> • Weather • Calendar/Graph Weather • Science Tools <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Weather Tools 	<ul style="list-style-type: none"> • Temperatures • Temperature and Melting

Florida Standards	Waterford Digital Resources	Waterford Resources
Physical Science <i>continued</i>		
<p>SC.2.P.8.6 Measure and compare the volume of liquids using containers of various shapes and sizes.</p>	<ul style="list-style-type: none"> • Measurement Tools • Capacity <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Volume 	
<p>SC.2.P.9.1 Investigate that materials can be altered to change some of their properties, but not all materials respond the same way to any one alteration.</p>	<ul style="list-style-type: none"> • Changes in Matter • Heat Changes Water • Matter Experiment • Materials <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Physical Science: Changes in Matter 	
Nature of Science		
<p>SC.2.N.1.6 Explain how scientists alone or in groups are always investigating new ways to solve problems.</p>	<ul style="list-style-type: none"> • Books: I Want to Be a Scientist Like: Jane Goodall; George Washington Carver; Thomas Edison; Stephen Hawking; Isaac Newton; Antoni van Leeuwenhoek; Louis Pasteur; Marie Curie; Alexander von Humboldt; Wilbur and Orville Wright <p><u>Classroom Playlists</u></p> <ul style="list-style-type: none"> • FL: 2nd Grade: Nature of Science: Scientists 	

Pre-Math and Science

Math Books

Zero In My Toybox / 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 / Fun 15 / 16 Ants / Counting to 17 / 18 Carrot Stew / 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

Marching Band Counting / Flower Counting / Country Counting / Funky Counting / Reggae Counting / Salsa Counting / Techno Counting / Bagpipe Counting / Counting on the Mountain

Number Songs

Count to 31 / Hotel 100 / Zero Is a Big Round Hole / 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 Fish to Catch / Fun 15 / 16 Ants / Counting to 17 / 18 Carrot Stew / 19 On the Beach / 20 Fingers and Toes

Basic Math and Science

Math and Science Books

One More Cat / Can You Guess? A Story for Two Voices / 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 / Navajo Beads / Where in the World Would You Go Today? / I Want to Be a Scientist Like Wilbur and Orville Wright

Fluent Math and Science

Math and 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 X1 / 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



Support

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

Research-Driven Development

Waterford is committed to ongoing development based on the latest research findings. Please note that this correlation is accurate as of the date on the cover.

Spanish Family Engagement Resources

All Waterford books and many of the resources available to families at [→family.waterford.org](https://family.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 / O: Polly, Put the Kettle On / P: This Little Pig / Q: Quack, Quack, Quack / R: Little Rabbit / S: Eensy, Weensy Spider / U: The Bus / V: My Valentine / W: Wee Willie Winkie / X: A-hunting We Will Go / Y: Yankee Doodle

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 / Charley Chick / Adjectives Describe / Lazy Letter Q / Nouns / Verbs / Adverbs / Irregular Verbs / Preposition Cat / 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

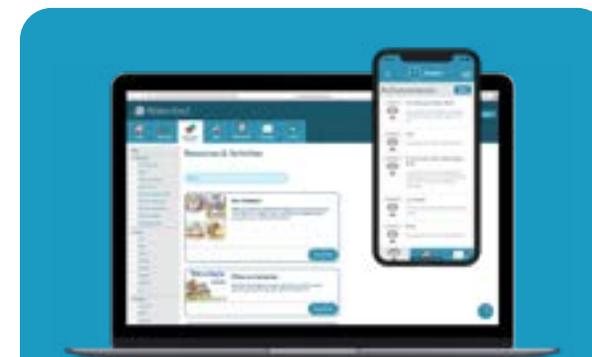
Sum Up: Remember Order, Sum Up: Remember Details, Peek at the Story, Guess and Check, Connect to Me, Build Knowledge

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 Family

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