



# Alignment

## March 2026

**100%**  
Aligned

**Waterford  
Early Learning:  
Math & Science**

**Bluebonnet Learning  
Math Skills  
K-2**

This document provides a detailed alignment of **Waterford Early Learning** to **Bluebonnet Learning Math Skills for K-2**.

## Alignment Description

This document aligns Bluebonnet Learning Math 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](#).

# Table of Contents

## Kindergarten 1

<b>Module 1:</b> .....	<b>1</b>
Numbers to 10. ....	1
<b>Module 2:</b> .....	<b>2</b>
Two-Dimensional and Three-Dimensional Shapes. ....	2
<b>Module 3:</b> .....	<b>3</b>
Comparison of Length, Weight, Capacity, and Numbers to 10. ....	3
<b>Module 4:</b> .....	<b>5</b>
Number Pairs, Addition and Subtraction to 10 ....	5
<b>Module 5:</b> .....	<b>6</b>
Numbers 10–20, Counting to 100, and Understanding Work. ....	6
<b>Module 6:</b> .....	<b>8</b>
Analyzing, Comparing, and Composing Shapes. ....	8

## Grade 1 8

<b>Module 1:</b> .....	<b>8</b>
Sums and Differences to 10. ....	8
<b>Module 2:</b> .....	<b>11</b>
Introduction to Place Value Through Addition and Subtraction Within 20 ....	11
<b>Module 3:</b> .....	<b>12</b>
Ordering and Comparing Length Measurements as Numbers ....	12
<b>Module 4:</b> .....	<b>12</b>
Place Value, Comparison, Addition and Subtraction to 40. ....	12
<b>Module 5:</b> .....	<b>14</b>
Identifying, Composing, and Partitioning Shapes. ....	14
<b>Module 6:</b> .....	<b>15</b>
Place Value, Comparison, Understanding Income with Addition and Subtraction to 100 ....	15

## Grade 2 16

<b>Module 1:</b> .....	<b>16</b>
Sums and Differences to 100 ....	16
<b>Module 2:</b> .....	<b>16</b>
Addition and Subtraction of Length Units ....	16
<b>Module 3:</b> .....	<b>17</b>
Place Value, Counting, and Comparison of Numbers to 1,200 ....	17
<b>Module 4:</b> .....	<b>19</b>
Addition and Subtraction Within 200 with Word Problems to 100 ....	19
<b>Module 5:</b> .....	<b>21</b>
Addition and Subtraction Within 1,000 with Word Problems Within 1,000. ....	21
<b>Module 6:</b> .....	<b>23</b>
Foundations of Multiplication, Division and Area. ....	23
<b>Module 7:</b> .....	<b>24</b>
Problem Solving with Length, Money, and Data ....	24
<b>Module 8:</b> .....	<b>25</b>
Time, Shapes, and Fractions as Equal Parts of Shapes ....	25

## Books and Related Activities 27

## Family Engagement Resources 28

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Kindergarten</b>		
<b>Module 1</b>		
<b>Numbers to 10</b>		
<b>A:</b> Attributes of Two Related Objects	<ul style="list-style-type: none"> <li>• Songs: Same and Different; All Sorts of Laundry</li> <li>• Books: Buttons, Buttons</li> <li>• Sort</li> <li>• Make and Count Groups</li> </ul>	<ul style="list-style-type: none"> <li>• Classifying Objects</li> </ul>
<b>B:</b> Classify to Make Categories and Count	<ul style="list-style-type: none"> <li>• Number Songs</li> <li>• Counting Songs</li> <li>• Math Books</li> <li>• Number Instruction</li> <li>• Number Counting</li> <li>• One-to-one Correspondence</li> <li>• Make and Count Groups</li> <li>• Number Instruction</li> <li>• Number Instruction</li> <li>• Match Numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Object Counting Basics</li> <li>• Object Counting Grouping</li> <li>• Object Counting Succession</li> <li>• How Many?</li> <li>• Decompose Numbers</li> </ul>
<b>C:</b> Numbers to 5 in Different Configurations, Math Drawings, and Expressions	<ul style="list-style-type: none"> <li>• Make and Count Groups</li> <li>• Add Groups</li> <li>• Subtract Groups</li> <li>• Act Out Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Decompose Numbers</li> </ul>
<b>D:</b> The Concept of Zero and Working with Numbers 0–5	<ul style="list-style-type: none"> <li>• Number Counting</li> <li>• Order Numbers</li> <li>• One-to-one Correspondence</li> </ul>	
<b>E:</b> Working with Numbers 6–8 in Different Configurations	<ul style="list-style-type: none"> <li>• Number Counting</li> <li>• Number Instruction</li> <li>• Fact Family</li> </ul>	<ul style="list-style-type: none"> <li>• Fact Family</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Numbers to 10 <i>continued</i></b>		
<b>F:</b> Working with Numbers 9–10 in Different Configurations	<ul style="list-style-type: none"> <li>• Math Books</li> <li>• Number Songs</li> <li>• Counting Songs</li> <li>• Number Counting</li> <li>• Number Instruction</li> <li>• Moving Target</li> <li>• Number Review</li> </ul>	<ul style="list-style-type: none"> <li>• Write Numbers 0-20</li> <li>• Fact Family</li> </ul>
<b>G:</b> One More with Numbers 0–10	<ul style="list-style-type: none"> <li>• Number Instruction</li> <li>• Match Numbers</li> <li>• Count On by 1</li> <li>• Numbers Review</li> <li>• Count On</li> </ul>	<ul style="list-style-type: none"> <li>• Object Counting Succession</li> </ul>
<b>H:</b> One Less with Numbers 0–10	<ul style="list-style-type: none"> <li>• Make and Count Groups</li> <li>• Add Groups</li> <li>• Subtract Groups</li> <li>• Act Out Subtraction</li> <li>• Count Down</li> </ul>	<ul style="list-style-type: none"> <li>• Decompose Numbers</li> </ul>
<b>Module 2</b>		
<b>Two-Dimensional and Three-Dimensional Shapes</b>		
<b>A:</b> Two-Dimensional Flat Shapes	<ul style="list-style-type: none"> <li>• Songs: Corners and Sides</li> <li>• Simple Shapes</li> <li>• Circle, Square, Triangle, Rectangle</li> <li>• Star, Semicircle, Octagon, Oval, Rhombus</li> </ul>	<ul style="list-style-type: none"> <li>• Compare Shapes</li> <li>• Shape Recognition</li> <li>• Two-Dimensional Shapes</li> </ul>
<b>B:</b> Three-Dimensional Solid Shapes	<ul style="list-style-type: none"> <li>• Solid Shapes</li> <li>• World Shapes</li> <li>• Space Shapes</li> </ul>	

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Two-Dimensional and Three-Dimensional Shapes</b>		
<p><b>C:</b> Two-Dimensional and Three-Dimensional Shapes</p>	<ul style="list-style-type: none"> <li>• Songs: Position Cat; Kites; Get Over the Bugs; Shapes, Shapes, Shapes</li> <li>• Books: The Shape of Things; Imagination Shapes; Up in the Air</li> <li>• Over, Under, Above, Below</li> <li>• Inside, Outside, Between</li> <li>• Circle, Square, Triangle, Rectangle</li> <li>• Simple Shapes</li> <li>• Solid Shapes</li> <li>• World Shapes</li> <li>• Above, Below, Next to, On</li> <li>• Star, Semicircle, Octagon, Oval, Rhombus</li> <li>• Space Shapes</li> </ul>	<ul style="list-style-type: none"> <li>• Describing Objects</li> <li>• Shape Recognition</li> <li>• Two-Dimensional Shapes</li> <li>• Position Words</li> </ul>
<b>Module 3:</b>		
<b>Comparison of Length, Weight, Capacity, and Numbers to 10</b>		
<p><b>A:</b> Comparison of Length and Height</p>	<ul style="list-style-type: none"> <li>• Songs: Savanna Size, Measuring Plants</li> <li>• Capacity</li> <li>• Length</li> <li>• Big and Little</li> <li>• Tall and Short</li> <li>• Heavy and Light</li> </ul>	<ul style="list-style-type: none"> <li>• Measurable Attributes</li> <li>• Comparing Objects</li> </ul>
<p><b>B:</b> Comparison of Length and Height of Linking Cube Sticks Within 10</p>	<ul style="list-style-type: none"> <li>• Length</li> </ul>	
<p><b>C:</b> Comparison of Weight</p>	<ul style="list-style-type: none"> <li>• Songs: Savanna Size</li> <li>• Capacity</li> <li>• Big and Little</li> <li>• Tall and Short</li> <li>• Heavy and Light</li> </ul>	<ul style="list-style-type: none"> <li>• Comparing Objects</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Comparison of Length, Weight, Capacity, and Numbers to 10 <i>continued</i></b>		
<b>D:</b> Comparison of Capacity	<ul style="list-style-type: none"> <li>• Songs: Measuring Plants</li> <li>• Capacity</li> </ul>	<ul style="list-style-type: none"> <li>• Measurable Attributes</li> </ul>
<b>E:</b> Are There Enough?	<ul style="list-style-type: none"> <li>• Make and Count Groups</li> <li>• Make 10</li> <li>• Add Groups</li> <li>• Subtract Groups</li> <li>• Sums</li> <li>• Act Out Addition</li> <li>• Act Out Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Decompose Numbers</li> </ul>
<b>F:</b> Comparison of Sets Within 10	<ul style="list-style-type: none"> <li>• Make and Count Groups</li> <li>• Make 10</li> <li>• Add Groups</li> <li>• Subtract Groups</li> <li>• Sums</li> <li>• Act Out Addition</li> <li>• Act Out Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Decompose Numbers</li> </ul>
<b>G:</b> Comparison of Numerals	<ul style="list-style-type: none"> <li>• Songs: Greater Than, Less Than</li> <li>• Books: For the Birds</li> <li>• Make and Count Groups</li> <li>• Greater Than, Less Than</li> <li>• More Than, Fewer Than</li> <li>• More Than</li> <li>• Fewer Than</li> </ul>	<ul style="list-style-type: none"> <li>• Greater, Less, or Equal</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 4:</b>		
<b>Number Pairs, Addition and Subtraction to 10</b>		
<b>A:</b> Compositions and Decompositions of 2, 3, 4, and 5	<ul style="list-style-type: none"> <li>• Make and Count Groups</li> <li>• Make 10</li> <li>• Add Groups</li> <li>• Subtract Groups</li> <li>• Sums</li> <li>• Act Out Addition</li> <li>• Act Out Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Decompose Numbers</li> </ul>
<b>B:</b> Decompositions of 6, 7, and 8 into Number Pairs		<ul style="list-style-type: none"> <li>• Decompose Numbers</li> </ul>
<b>C:</b> Addition with Totals of 6, 7, 8	<ul style="list-style-type: none"> <li>• Make and Count Groups</li> <li>• Make 10</li> <li>• Add Groups</li> <li>• Sums</li> <li>• Act Out Addition</li> </ul>	<ul style="list-style-type: none"> <li>• Decompose Numbers</li> <li>• Strategies to Add and Subtract</li> </ul>
<b>D:</b> Subtraction from Numbers to 8	<ul style="list-style-type: none"> <li>• Subtract Groups</li> <li>• Act Out Subtraction</li> <li>• Minuends</li> </ul>	<ul style="list-style-type: none"> <li>• Strategies to Add and Subtract</li> </ul>
<b>E:</b> Decompositions of 9 and 10 into Number Pairs		<ul style="list-style-type: none"> <li>• Decompose Numbers</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Number Pairs, Addition and Subtraction to 10 <i>continued</i></b>		
<b>F:</b> Addition with Totals of 9 and 10	<ul style="list-style-type: none"> <li>• Make and Count Groups</li> <li>• Make 10</li> <li>• Add Groups</li> <li>• Sums</li> <li>• Act Out Addition</li> <li>• Minuends</li> </ul>	<ul style="list-style-type: none"> <li>• Strategies to Add and Subtract</li> </ul>
<b>G:</b> Subtraction form 9 and 10	<ul style="list-style-type: none"> <li>• Subtract Groups</li> <li>• Act Out Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Strategies to Add and Subtract</li> </ul>
<b>H:</b> Patterns with Adding 0 and 1 and Making 10	<ul style="list-style-type: none"> <li>• Make and Count Groups</li> <li>• Make 10</li> <li>• Add With Manipulatives</li> <li>• Add With Beads</li> <li>• Minuends</li> <li>• Act Out Addition</li> <li>• Act Out Subtraction</li> </ul>	
<b>Module 5:</b>		
<b>Numbers 10–20, Counting to 100, and Understanding Work</b>		
<b>A:</b> Count 10 Ones and Some Ones	<ul style="list-style-type: none"> <li>• Math Books</li> <li>• Number Songs</li> <li>• Counting Songs</li> <li>• Number Counting</li> <li>• Number Instruction</li> <li>• Skip Counting</li> <li>• Count On</li> </ul>	<ul style="list-style-type: none"> <li>• Count to 100 by Ones and Tens</li> <li>• Count Forward</li> <li>• Write Numbers 0-20</li> <li>• Tens and Ones</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Numbers 10–20, Counting to 100, and Understanding Work <i>continued</i></b>		
<b>B:</b> Compose Numbers 11–20 from 10 ones and Some Ones; Represent and Write Teen Numbers	<ul style="list-style-type: none"> <li>• Math Books</li> <li>• Number Songs</li> <li>• Counting Songs</li> <li>• Number Counting</li> <li>• Number Instruction</li> <li>• Skip Counting</li> <li>• Count On</li> <li>• Place Value</li> </ul>	<ul style="list-style-type: none"> <li>• Count to 100 by Ones and Tens</li> <li>• Count Forward</li> <li>• Write Numbers 0-20</li> <li>• Tens and Ones</li> </ul>
<b>C:</b> Decompose Numbers 11–20, and Count to Answer “How Many?” Questions in Varied Configurations	<ul style="list-style-type: none"> <li>• Number Songs</li> <li>• Counting Songs</li> <li>• Math Books</li> <li>• Skip Counting</li> <li>• Number Instruction</li> <li>• Number Counting</li> <li>• Count On</li> <li>• Count On by 1</li> <li>• Place Value</li> </ul>	<ul style="list-style-type: none"> <li>• Count Forward</li> <li>• Tens and Ones</li> <li>• Object Counting Basics</li> <li>• Object Counting Grouping</li> <li>• Object Counting Succession</li> <li>• How Many?</li> </ul>
<b>D:</b> Extend the Say Ten and Regular Count Sequence to 100	<ul style="list-style-type: none"> <li>• Place Value</li> </ul>	<ul style="list-style-type: none"> <li>• Count to 100 by Ones and Tens</li> <li>• Count Forward</li> </ul>
<b>E:</b> Represent and Apply Compositions and Decomposition of Teen Numbers	<ul style="list-style-type: none"> <li>• Place Value</li> </ul>	<ul style="list-style-type: none"> <li>• Count to 100 by Ones and Tens</li> <li>• Count Forward</li> </ul>
<b>F:</b> Understanding Work		<ul style="list-style-type: none"> <li>• Strategies to Add and Subtract</li> <li>• Understand Subtraction as an Unknown Addend Problem</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 6:</b>		
<b>Analyzing, Comparing, and Composing Shapes</b>		
<b>A:</b> Building and Drawing Flat and Solid Shapes	<ul style="list-style-type: none"> <li>● Geoboard</li> <li>● Tangrams</li> </ul>	<ul style="list-style-type: none"> <li>● Model Shapes</li> <li>● Form Larger Shapes</li> </ul>
<b>Grade 1</b>		
<b>Module 1:</b>		
<b>Sums and Differences to 10</b>		
<b>A:</b> Embedded Numbers And Decompositions	<ul style="list-style-type: none"> <li>● Songs: Fact Families; Doubles</li> <li>● Books: Facts About Families</li> <li>● Addition and Subtraction Fact Families</li> <li>● Addition and Subtraction Relationship</li> </ul>	<ul style="list-style-type: none"> <li>● Word Problems Using Subtraction within 20</li> </ul>
<b>B:</b> Counting On from Embedded Numbers	<ul style="list-style-type: none"> <li>● Songs: Fact Families; Counting On</li> <li>● Books: Facts about Families; Circus 20; Painting by Number; Jump Rope Rhymes</li> <li>● Addition and Subtraction Fact Families</li> <li>● Addition Sentences</li> <li>● Subtraction Sentences</li> <li>● Commutative Property of Addition</li> <li>● Addition and Subtraction Relationship</li> <li>● Missing Addends</li> <li>● Missing Minuends and Subtrahends</li> <li>● Add 3 One-digit Numbers</li> <li>● Subtraction Patterns</li> <li>● Skip Count by 2</li> <li>● Count On</li> <li>● Make and Count Groups</li> <li>● Add Groups</li> <li>● Subtract Groups</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 20</li> <li>● Relate Counting to Addition and Subtraction</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Sums and Differences to 10 <i>continued</i></b>		
<b>C:</b> Addition Word Problems	<ul style="list-style-type: none"> <li>• Songs: Bee Happy Addition; On the Bayou; Bakery Subtraction; Subtract Those Cars; Circus Subtraction</li> <li>• Books: Five Delicious Muffins</li> <li>• Make and Count Groups</li> <li>• Add Groups</li> <li>• Subtract Groups</li> <li>• Act Out Addition</li> <li>• Act Out Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Represent Addition and Subtraction with Objects</li> </ul>
<b>D:</b> Strategies for Counting On	<ul style="list-style-type: none"> <li>• Add 3 One-digit Numbers</li> <li>• Subtraction Patterns</li> <li>• Skip Count by 2</li> <li>• Count On</li> <li>• Make and Count Groups</li> <li>• Add Groups</li> <li>• Subtract Groups</li> </ul>	
<b>E:</b> The Commutative Property of Addition and the Equal Sign	<ul style="list-style-type: none"> <li>• Songs: Fact Families; Doubles</li> <li>• Books: Facts About Families</li> <li>• Addition and Subtraction Fact Families</li> <li>• Addition and Subtraction Relationship</li> <li>• Commutative Property of Addition</li> </ul>	<ul style="list-style-type: none"> <li>• Strategies to Add and Subtract</li> </ul>
<b>F:</b> Development of Addition Fluency Within 10	<ul style="list-style-type: none"> <li>• Songs: Fact Families; Counting On</li> <li>• Books: Facts about Families; Circus 20; Painting by Number</li> <li>• Addition and Subtraction Fact Families</li> <li>• Addition Sentences</li> <li>• Subtraction Sentences</li> <li>• Mental Math Games</li> <li>• Speed Games</li> </ul>	<ul style="list-style-type: none"> <li>• Add and Subtract within 20</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Sums and Differences to 10 <i>continued</i></b>		
<b>G:</b> Subtraction as an Unknown Addend Problem	<ul style="list-style-type: none"> <li>• Songs: Fact Families; Doubles</li> <li>• Books: Facts About Families</li> <li>• Addition and Subtraction Fact Families</li> <li>• Addition and Subtraction Relationship</li> </ul>	<ul style="list-style-type: none"> <li>• Word Problems Using Subtraction within 20</li> </ul>
<b>H:</b> Subtraction Word Problems	<ul style="list-style-type: none"> <li>• Subtraction Patterns</li> </ul>	<ul style="list-style-type: none"> <li>• Word Problems Using Subtraction within 20</li> </ul>
<b>I:</b> Decomposition Strategies for Subtraction	<ul style="list-style-type: none"> <li>• Songs: Fact Families</li> <li>• Books: Facts about Families</li> <li>• Addition and Subtraction Fact Families</li> <li>• Subtraction Sentences</li> <li>• Commutative Property of Addition</li> <li>• Addition and Subtraction Relationship</li> <li>• Missing Minuends and Subtrahends</li> <li>• Subtraction Patterns</li> </ul>	
<b>J:</b> Development of Subtraction Fluency Within 10	<ul style="list-style-type: none"> <li>• Subtract Groups</li> <li>• Mental Math Games</li> <li>• Speed Games</li> </ul>	

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 2:</b>		
<b>Introduction to Place Value Through Addition and Subtraction Within 20</b>		
<b>A:</b> Counting On or Making Ten to Solve Result Unknown and Total Unknown Problems	<ul style="list-style-type: none"> <li>● Commutative Property of Addition</li> <li>● Addition and Subtraction Relationship</li> <li>● Missing Addends</li> <li>● Missing Minuends and Subtrahends</li> <li>● Add 3 One-digit Numbers</li> <li>● Subtraction Patterns</li> <li>● Make 10</li> <li>● Missing Addends</li> <li>● Count On</li> <li>● Act Out Addition</li> </ul>	
<b>B:</b> Counting On or Taking from Ten to Solve Result Unknown and Total Unknown Problems	<ul style="list-style-type: none"> <li>● Add 3 One-digit Numbers</li> <li>● Subtraction Patterns</li> <li>● Make 10</li> <li>● Missing Addends</li> <li>● Count On</li> <li>● Act Out Addition</li> </ul>	
<b>C:</b> Strategies for Solving Change or Addend Unknown Problems	<ul style="list-style-type: none"> <li>● Commutative Property of Addition</li> <li>● Addition and Subtraction Relationship</li> <li>● Missing Addends</li> <li>● Missing Minuends and Subtrahends</li> </ul>	
<b>D:</b> Varied Problems with Decompositions of Teen Numbers as 1 Ten and Some Ones	<ul style="list-style-type: none"> <li>● Songs: Place Value</li> <li>● Place Value of 2-digit Numbers</li> <li>● Add with Manipulatives</li> </ul>	<ul style="list-style-type: none"> <li>● Tens as A Bundle of Ones</li> <li>● 11-19 Broken Down</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 3:</b>		
<b>Ordering and Comparing Length Measurements as Numbers</b>		
<b>A:</b> Standard Length Units	<ul style="list-style-type: none"> <li>• Songs: Measuring Plants</li> <li>• Length</li> </ul>	<ul style="list-style-type: none"> <li>• Length Measurement</li> </ul>
<b>B:</b> Non-Standard and Standard Length Units	<ul style="list-style-type: none"> <li>• Songs: Measuring Plants</li> <li>• Length</li> <li>• Nonstandard Units of Length</li> </ul>	
<b>C:</b> Data interpretation	<ul style="list-style-type: none"> <li>• Songs: Tallying; Graphing</li> <li>• Books: One More Cat</li> <li>• Tally Marks</li> <li>• Graphs</li> <li>• Make a Table</li> </ul>	<ul style="list-style-type: none"> <li>• Data Categorization</li> </ul>
<b>Module 4:</b>		
<b>Place Value, Comparison, Addition and Subtraction to 40</b>		
<b>A:</b> Tens and Ones	<ul style="list-style-type: none"> <li>• Songs: Place Value</li> <li>• Place Value of 2-digit Numbers</li> <li>• Add with Manipulatives</li> <li>• Place Value</li> <li>• Place Value of 2-digit Numbers</li> <li>• Greater Than, Less Than (2-digit Numbers)</li> </ul>	<ul style="list-style-type: none"> <li>• Tens as A Bundle of Ones</li> <li>• 11-19 Broken Down</li> <li>• Ten Groupings</li> <li>• Compare Two-Digit Numbers</li> </ul>
<b>B:</b> Comparison of Pairs of Two-Digit Numbers	<ul style="list-style-type: none"> <li>• Songs: Place Value</li> <li>• Place Value of 2-digit Numbers</li> <li>• Place Value</li> <li>• Place Value of 2-digit Numbers</li> <li>• Greater Than, Less Than (2-digit Numbers)</li> </ul>	<ul style="list-style-type: none"> <li>• Compare Two-Digit Numbers</li> <li>• Tens as A Bundle of Ones</li> <li>• 11-19 Broken Down</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Place Value, Comparison, Addition and Subtraction to 40 <i>continued</i></b>		
<p><b>C:</b> Addition of Tens or Ones to a Two-Digit Number</p>	<ul style="list-style-type: none"> <li>● Songs: Skip Counting</li> <li>● Books: Navajo Beads</li> <li>● Addition</li> <li>● Add Tens</li> <li>● Add with Manipulatives</li> <li>● Add Vertical Squares</li> <li>● Add with Beads</li> <li>● Addition and Subtraction Relationship</li> <li>● Add with Regrouping Concept</li> <li>● Add 2-digit and 1-digit Numbers with Regrouping</li> <li>● Add 2-digit Numbers without Regrouping</li> <li>● Add 2-digit Numbers with Regrouping</li> <li>● Add</li> <li>● Skip Count by 10</li> <li>● Number Chart</li> <li>● Place Value</li> <li>● Place Value of 2-digit Numbers</li> <li>● Greater Than, Less Than (2-digit Numbers)</li> <li>● More Than, Fewer Than Use Manipulatives</li> </ul>	<ul style="list-style-type: none"> <li>● Adding within 100</li> <li>● Ten More or Less</li> <li>● Tens as A Bundle of Ones</li> <li>● 11-19 Broken Down</li> <li>● Ten Groupings</li> <li>● Compare Two-Digit Numbers</li> </ul>
<p><b>D:</b> Varied Problem Types Within 20</p>	<ul style="list-style-type: none"> <li>● Songs: Bee Happy Addition; On the Bayou; Bakery Subtraction; Subtract Those Cars; Circus Subtraction</li> <li>● Books: Five Delicious Muffins</li> <li>● Make and Count Groups</li> <li>● Add Groups</li> <li>● Subtract Groups</li> <li>● Act Out Addition</li> <li>● Act Out Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>● Represent Addition and Subtraction with Objects</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 5:</b>		
<b>Identifying, Composing, and Partitioning Shapes</b>		
<b>A:</b> Attributes of Shapes	<ul style="list-style-type: none"> <li>• Songs: Kites; Get Over the Bugs; Shapes, Shapes, Shapes</li> <li>• Books: The Shape of Things; Imagination Shapes; Up in the Air</li> <li>• Circle, Square, Triangle, Rectangle</li> <li>• Simple Shapes</li> <li>• Solid Shapes</li> <li>• World Shapes</li> <li>• Star, Semicircle, Octagon, Oval, Rhombus</li> <li>• Space Shapes</li> </ul>	<ul style="list-style-type: none"> <li>• Shape Recognition</li> <li>• Two-Dimensional Shapes</li> <li>• Attributes</li> </ul>
<b>B:</b> Part-Whole Relationships Within Composite Shapes	<ul style="list-style-type: none"> <li>• Songs: Corners and Sides</li> <li>• Simple Shapes</li> <li>• Solid Shapes</li> <li>• Space Shapes</li> <li>• Congruence</li> <li>• Tangrams</li> <li>• Similar Figures</li> </ul>	<ul style="list-style-type: none"> <li>• Form Larger Shapes</li> </ul>
<b>C:</b> Halves and Quarters of Rectangles and Circles	<ul style="list-style-type: none"> <li>• Books: Half For You and Half For Me; Halves and Fourths and Thirds</li> <li>• Geoboard</li> <li>• Tangrams</li> <li>• Equal Part Fractions</li> </ul>	<ul style="list-style-type: none"> <li>• Equal Shares</li> </ul>
<b>D:</b> Application of Halves to Tell Time	<ul style="list-style-type: none"> <li>• Songs: Clock Hands</li> <li>• Books: Mr. Romano’s Secret: A Time Story</li> <li>• Tell Time to the Hour</li> <li>• Tell Time to the Half-Hour</li> </ul>	<ul style="list-style-type: none"> <li>• Hours and Half-hours</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 6:</b>		
<b>Place Value, Comparison, Understanding Income with Addition and Subtraction to 100</b>		
<b>A:</b> Comparison Word Problems	<ul style="list-style-type: none"> <li>• Songs: Greater Than, Less Than</li> <li>• Greater Than, Less Than</li> <li>• Number Line</li> <li>• Place Value</li> <li>• Number Patterns</li> </ul>	<ul style="list-style-type: none"> <li>• Less Than, Equal To, or Greater Than</li> </ul>
<b>B:</b> Numbers to 120		<ul style="list-style-type: none"> <li>• Count to 120</li> <li>• Tens and Ones</li> </ul>
<b>C:</b> Coins and Their Values	<ul style="list-style-type: none"> <li>• Songs: Money</li> <li>• Books: Bugs For Sale</li> <li>• Count Nickels and Pennies or Dimes and Pennies</li> <li>• Count Dimes, Nickels, and Pennies</li> <li>• Count Quarters, Dimes, Nickels, and Pennies</li> <li>• Quarters</li> <li>• Equivalent Sums of Money</li> </ul>	<ul style="list-style-type: none"> <li>• Coin Identification</li> </ul>
<b>D:</b> Income and Responsible Spending	<ul style="list-style-type: none"> <li>• Songs: Money</li> <li>• Books: Bugs For Sale</li> </ul>	<ul style="list-style-type: none"> <li>• Learning About Income</li> </ul>
<b>E:</b> Varied Problem Types Within 20	<ul style="list-style-type: none"> <li>• Songs: Fact Families</li> <li>• Books: Facts about Families</li> <li>• Addition and Subtraction Fact Families</li> <li>• Addition Patterns</li> <li>• Subtraction Patterns</li> <li>• Act Out Addition</li> <li>• Act Out Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Strategies to Add and Subtract</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Grade 2</b>		
<b>Module 1:</b>		
<b>Sums and Differences to 100</b>		
<b>A:</b> Foundations for Fluency with Sums and Differences Within 100	<ul style="list-style-type: none"> <li>• Songs: Fact Families; On the Bayou; Bee Happy Addition; A Nice Addition; Bakery Subtraction; Circus Subtraction</li> <li>• Addition Patterns</li> <li>• Subtraction Patterns</li> <li>• Mental Math</li> <li>• Speed Games</li> </ul>	<ul style="list-style-type: none"> <li>• One- And Two-step Word Problems within 100</li> </ul>
<b>B:</b> Initiating Fluency with Addition and Subtraction Within 100	<ul style="list-style-type: none"> <li>• Mental Math</li> <li>• Speed Games</li> </ul>	
<b>Module 2:</b>		
<b>Addition and Subtraction of Length Units</b>		
<b>A:</b> Understand Concepts About the Ruler	<ul style="list-style-type: none"> <li>• Books: Birds at My House</li> <li>• Length</li> <li>• Standard Units of Length</li> <li>• Measurement Tools</li> </ul>	<ul style="list-style-type: none"> <li>• Measurement Tools</li> </ul>
<b>B:</b> Measure and Estimate Length Using Different Measurement Tools	<ul style="list-style-type: none"> <li>• Books: Birds at My House</li> <li>• Length</li> <li>• Standard Units of Length</li> <li>• Measurement Tools</li> </ul>	<ul style="list-style-type: none"> <li>• Measurement Tools</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Addition and Subtraction of Length Units <i>continued</i></b>		
<b>C:</b> Measure and Compare Lengths Using Different Length Units	<ul style="list-style-type: none"> <li>• Length</li> <li>• Standard Units of Length</li> <li>• Measurement Tools</li> <li>• Nonstandard Units of Length</li> </ul>	<ul style="list-style-type: none"> <li>• Measuring the Same Object Two Ways</li> </ul>
<b>D:</b> Relate Addition and Subtraction to Length	<ul style="list-style-type: none"> <li>• Number Line</li> <li>• Addition</li> <li>• Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Generating Measurement Data</li> </ul>
<b>Module 3:</b>		
<b>Place Value, Counting, and Comparison of Numbers to 1,200</b>		
<b>A:</b> Forming Base Ten Units of Ten, a Hundred, and a Thousand	<ul style="list-style-type: none"> <li>• Place Value</li> <li>• Expanded Notation</li> <li>• Number Patterns</li> <li>• Number Chart</li> </ul>	<ul style="list-style-type: none"> <li>• Add and Subtract within 1000</li> </ul>
<b>B:</b> Understanding Place Value Units of One, Ten, and Hundred	<ul style="list-style-type: none"> <li>• Place Value</li> <li>• Expanded Notation</li> </ul>	<ul style="list-style-type: none"> <li>• Add and Subtract within 1000</li> </ul>
<b>C:</b> Numbers to 1,200 in Unit, Standard, Expanded, and Word Forms	<ul style="list-style-type: none"> <li>• Place Value</li> <li>• Expanded Notation</li> <li>• Number Patterns</li> <li>• Number Chart</li> </ul>	

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Place Value, Counting, and Comparison of Numbers to 1,200 <i>continued</i></b>		
<b>D:</b> Modeling Base Ten Numbers Within 1,200 with Money	<ul style="list-style-type: none"> <li>● Songs: Money; Save Your Pennies</li> <li>● Books: Chloe's Cracker Caper</li> <li>● Mental Math Games</li> <li>● Addition and Subtraction Relationship</li> <li>● Money</li> <li>● Coin Identification</li> <li>● Count Bills and Coins</li> <li>● Quarters</li> <li>● Count Coins</li> <li>● Count Dimes, Nickels, and Pennies</li> <li>● Count Nickels and Pennies or Dimes and Pennies</li> <li>● Count Quarters, Dimes, Nickels, and Pennies</li> <li>● Coin Value</li> <li>● Equivalent Sums of Money</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 1000</li> <li>● Solve Money Word Problems</li> </ul>
<b>E:</b> Modeling Numbers up to 1,200 with Place Value Disks	<ul style="list-style-type: none"> <li>● Books: Chloe's Cracker Caper</li> <li>● Missing Addends</li> <li>● Missing Minuends and Subtrahends</li> <li>● Mental Math Games</li> <li>● Addition and Subtraction Relationship</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 1000</li> </ul>
<b>F:</b> Comparing Numbers to 1,200	<ul style="list-style-type: none"> <li>● Songs: Greater Than, Less Than</li> <li>● Greater Than, Less Than</li> <li>● Number Line</li> <li>● Place Value</li> <li>● Number Patterns</li> <li>● Number Chart</li> </ul>	<ul style="list-style-type: none"> <li>● Less Than, Equal To, or Greater Than</li> </ul>
<b>G:</b> Finding 1, 10, and 100 More or Less than a Number	<ul style="list-style-type: none"> <li>● Place Value</li> <li>● Number Patterns</li> <li>● Number Chart</li> <li>● Skip Count</li> </ul>	<ul style="list-style-type: none"> <li>● Mentally Adding or Subtracting 10 or 100</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 4:</b>		
<b>Addition and Subtraction Within 200 with Word Problems to 100</b>		
<b>A:</b> Sums and Differences Within 100	<ul style="list-style-type: none"> <li>● Place Value</li> <li>● Addition and Subtraction Relationship</li> <li>● Commutative Properties of Addition</li> <li>● Add without Regrouping</li> <li>● Add with Regrouping</li> <li>● Subtract without regrouping</li> <li>● Subtract with Regrouping</li> <li>● Add Two-digit Numbers with Regrouping</li> <li>● Commutative Properties of Addition</li> <li>● Act Out Addition</li> <li>● Act Out Subtraction</li> <li>● Skip Count</li> <li>● Place Value</li> <li>● Number Chart</li> <li>● Number Patterns</li> <li>● Mental Math</li> <li>● Speed Games</li> <li>● Number Line</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 100</li> <li>● Adding Four 2-Digit Numbers</li> <li>● Add and Subtract within 1000</li> <li>● Mentally Adding or Subtracting 10 or 100</li> <li>● Explaining Addition and Subtraction Strategies</li> </ul>
<b>B:</b> Strategies for Composing a Ten		<ul style="list-style-type: none"> <li>● Thinking of 100 as a Bundle of Ten 10s</li> <li>● Grouping Hundreds</li> </ul>
<b>C:</b> Strategies for Decomposing a Ten	<ul style="list-style-type: none"> <li>● Place Value</li> <li>● Addition and Subtraction Relationship</li> <li>● Commutative Properties of Addition</li> <li>● Addition</li> <li>● Subtraction</li> <li>● Add without Regrouping</li> <li>● Add with Regrouping</li> <li>● Subtract without regrouping</li> <li>● Subtract with Regrouping</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 100</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Addition and Subtraction Within 200 with Word Problems to 100 <i>continued</i></b>		
<b>D:</b> Strategies for Composing Tens and Hundreds	<ul style="list-style-type: none"> <li>● Place Value</li> <li>● Addition and Subtraction Relationship</li> <li>● Commutative Properties of Addition</li> <li>● Addition</li> <li>● Subtraction</li> <li>● Add without Regrouping</li> <li>● Add with Regrouping</li> <li>● Subtract without regrouping</li> <li>● Subtract with Regrouping</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 100</li> </ul>
<b>E:</b> Strategies for Decomposing Tens and Hundreds	<ul style="list-style-type: none"> <li>● Place Value</li> <li>● Addition and Subtraction Relationship</li> <li>● Commutative Properties of Addition</li> <li>● Addition</li> <li>● Subtraction</li> <li>● Add without Regrouping</li> <li>● Add with Regrouping</li> <li>● Subtract without regrouping</li> <li>● Subtract with Regrouping</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 100</li> </ul>
<b>F:</b> Student Explanations of Written Methods		<ul style="list-style-type: none"> <li>● Explaining Addition and Subtraction Strategies</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 5:</b>		
<b>Addition and Subtraction Within 1,000 with Word Problems Within 1,000</b>		
<p><b>A:</b> Strategies for Adding and Subtracting Within 1,000</p>	<ul style="list-style-type: none"> <li>● Place Value</li> <li>● Addition and Subtraction Relationship</li> <li>● Commutative Properties of Addition</li> <li>● Addition</li> <li>● Subtraction</li> <li>● Add without Regrouping</li> <li>● Add with Regrouping</li> <li>● Subtract without regrouping</li> <li>● Subtract with Regrouping</li> <li>● Add Two-digit Numbers with Regrouping</li> <li>● Commutative Properties of Addition</li> <li>● Act Out Addition</li> <li>● Act Out Subtraction</li> <li>● Skip Count</li> <li>● Place Value</li> <li>● Number Chart</li> <li>● Number Patterns</li> <li>● Mental Math</li> <li>● Speed Games</li> <li>● Number Line</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 100</li> <li>● Adding Four 2-Digit Numbers</li> <li>● Add and Subtract within 1000</li> <li>● Mentally Adding or Subtracting 10 or 100</li> <li>● Explaining Addition and Subtraction Strategies</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Addition and Subtraction Within 1,000 with Word Problems Within 1,000 <i>continued</i></b>		
<p><b>B:</b> Strategies for Composing Tens and Hundreds Within 1,000</p>	<ul style="list-style-type: none"> <li>● Place Value</li> <li>● Addition and Subtraction Relationship</li> <li>● Commutative Properties of Addition</li> <li>● Add without Regrouping</li> <li>● Add with Regrouping</li> <li>● Add Two-digit Numbers with Regrouping</li> <li>● Commutative Properties of Addition</li> <li>● Place Value</li> <li>● Number Chart</li> <li>● Number Patterns</li> <li>● Mental Math</li> <li>● Speed Games</li> <li>● Number Line</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 100</li> <li>● Adding Four 2-Digit Numbers</li> <li>● Add and Subtract within 1000</li> <li>● Mentally Adding or Subtracting 10 or 100</li> <li>● Explaining Addition and Subtraction Strategies</li> </ul>
<p><b>C:</b> Strategies for Decomposing Tens and Hundreds Within 1,000</p>	<ul style="list-style-type: none"> <li>● Place Value</li> <li>● Addition and Subtraction Relationship</li> <li>● Subtract without regrouping</li> <li>● Subtract with Regrouping</li> <li>● Commutative Properties of Addition</li> <li>● Place Value</li> <li>● Number Chart</li> <li>● Number Patterns</li> <li>● Mental Math</li> <li>● Speed Games</li> <li>● Number Line</li> </ul>	<ul style="list-style-type: none"> <li>● Add and Subtract within 100</li> <li>● Adding Four 2-Digit Numbers</li> <li>● Add and Subtract within 1000</li> <li>● Mentally Adding or Subtracting 10 or 100</li> <li>● Explaining Addition and Subtraction Strategies</li> </ul>
<p><b>D:</b> Student Explanations for Choice of Solution Methods</p>		<ul style="list-style-type: none"> <li>● Explaining Addition and Subtraction Strategies</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 6:</b>		
<b>Foundations of Multiplication, Division and Area</b>		
<b>A:</b> Formation of Equal Groups	<ul style="list-style-type: none"> <li>• Multiply Using Arrays</li> <li>• Multiply Using Repeated Addition</li> </ul>	
<b>B:</b> Arrays and Equal Groups	<ul style="list-style-type: none"> <li>• Songs: Multiplication</li> <li>• Books: Tyrannosaurus X 1</li> <li>• Multiplication</li> <li>• Multiply Using Arrays</li> <li>• Multiply Using Repeated Addition</li> <li>• Multiplication Fact Families</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplication</li> </ul>
<b>C:</b> Rectangular Arrays as a Foundation for Multiplication and Division	<ul style="list-style-type: none"> <li>• Songs: Multiplication;</li> <li>• Books: Tyrannosaurus X 1; The Snow Project; Half for You and Half for Me</li> <li>• Multiplication</li> <li>• Multiply Using Arrays</li> <li>• Multiply Using Repeated Addition</li> <li>• Multiplication Fact Families</li> <li>• Division</li> <li>• Divide Using Repeated Subtraction</li> <li>• Divide Using Equal Sharing</li> <li>• Multiplication and Division Fact Families</li> <li>• Story Problem Strategies</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplication</li> <li>• Division</li> </ul>
<b>D:</b> The Meaning of Even and Odd Numbers	<ul style="list-style-type: none"> <li>• Songs: Odd Todd and Even Steven</li> <li>• Skip Count by 2</li> <li>• Addition Facts</li> </ul>	<ul style="list-style-type: none"> <li>• Odd and Even Recognition</li> </ul>

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Module 7:</b>		
<b>Problem Solving with Length, Money, and Data</b>		
<b>A:</b> Problem Solving with Categorical Data	<ul style="list-style-type: none"> <li>• Songs: Graphing</li> <li>• Bar Graphs</li> <li>• Picture Graphs</li> <li>• Graphing</li> <li>• Addition</li> <li>• Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Graphs</li> </ul>
<b>B:</b> Problem Solving with Coins and Bills	<ul style="list-style-type: none"> <li>• Songs: Money; Save Your Pennies</li> <li>• Money</li> <li>• Coin Identification</li> <li>• Quarters</li> <li>• Count Coins</li> <li>• Count Dimes, Nickels, and Pennies</li> <li>• Count Nickels and Pennies or Dimes and Pennies</li> <li>• Count Quarters, Dimes, Nickels, and Pennies</li> <li>• Coin Value</li> <li>• Equivalent Sums of Money</li> </ul>	
<b>C:</b> Problem Solving with Financial Literacy with Customary and Metric Units	<ul style="list-style-type: none"> <li>• Songs: Money; Save Your Pennies</li> <li>• Money</li> <li>• Coin Identification</li> <li>• Quarters</li> <li>• Count Coins</li> <li>• Count Dimes, Nickels, and Pennies</li> <li>• Count Nickels and Pennies or Dimes and Pennies</li> <li>• Count Quarters, Dimes, Nickels, and Pennies</li> <li>• Coin Value</li> <li>• Equivalent Sums of Money</li> </ul>	

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Problem Solving with Length, Money, and Data <i>continued</i></b>		
<b>D:</b> Creating an Inch Ruler	<ul style="list-style-type: none"> <li>• Length</li> <li>• Standard Units of Length</li> <li>• Measurement Tools</li> </ul>	<ul style="list-style-type: none"> <li>• Estimating Lengths</li> </ul>
<b>E:</b> Measuring and Estimating Length Using Customary and Metric Units	<ul style="list-style-type: none"> <li>• Length</li> <li>• Standard Units of Length</li> <li>• Measurement Tools</li> </ul>	<ul style="list-style-type: none"> <li>• Estimating Lengths</li> </ul>
<b>F:</b> Problem Solving with Customary and Metric Units	<ul style="list-style-type: none"> <li>• Length</li> <li>• Standard Units of Length</li> <li>• Measurement Tools</li> </ul>	<ul style="list-style-type: none"> <li>• Measuring the Same Object Two Ways</li> </ul>
<b>Module 8:</b>		
<b>Time, Shapes, and Fractions as Equal Parts of Shapes</b>		
<b>A:</b> Attributes of Geometric Shapes	<ul style="list-style-type: none"> <li>• Songs: Corners and Sides</li> <li>• Geoboard</li> <li>• Space Shapes</li> <li>• Tangrams</li> </ul>	<ul style="list-style-type: none"> <li>• Classifying Objects</li> </ul>
<b>B:</b> Composite Shapes and Fraction Concepts	<ul style="list-style-type: none"> <li>• Songs: Shapes, Shapes, Shapes; Corners and Sides</li> <li>• Geoboard</li> <li>• Tangrams</li> </ul>	<ul style="list-style-type: none"> <li>• Draw Shapes</li> </ul>
<b>C:</b> Fractions of Circles and Rectangles	<ul style="list-style-type: none"> <li>• Songs: Symmetry; Fractions</li> <li>• Fractions</li> <li>• Geoboard</li> </ul>	

Bluebonnet Learning Math Skills	Waterford Digital Activities	Waterford Resources
<b>Time, Shapes, and Fractions as Equal Parts of Shapes <i>continued</i></b>		
<p><b>D:</b> Application of Fractions to Tell Time</p>	<ul style="list-style-type: none"> <li>• Songs: Telling Time; Clock Hands</li> <li>• Tell Time</li> <li>• Tell Time to Five Minutes</li> <li>• Tell Time to the Quarter Hour</li> <li>• Tell Time to the Minute</li> <li>• Tell Time to the Hour</li> <li>• Tell Time to the Half-hour</li> </ul>	<ul style="list-style-type: none"> <li>• Tell and Write Time</li> </ul>

## 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

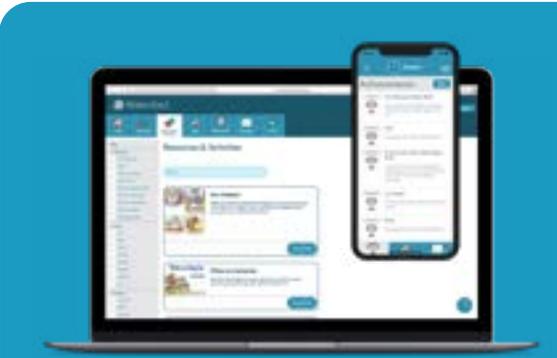
Sum Up: Remember Order, Sum Up: Remember Details, Peek at the Story, Guess and Check, Connect to Me, Build Knowledge

## 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).*