

100%
Aligned

Alignment

January 2026

**Waterford
Early Learning:
SmartStart / PreK**

**HighScope
Preschool
Curriculum**

This document provides a detailed alignment of **Waterford Early Learning** to HighScope Preschool Curriculum.

Alignment Description

This document aligns HighScope Preschool Curriculum to Waterford.org's digital activities and supporting resources.

Waterford Digital Resources

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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Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
A. Approaches to Learning		
1. Initiative	<ul style="list-style-type: none"> Squirrel's Sketches Perfect Present Marmot's Basket Clubhouse 	<ul style="list-style-type: none"> Unit 1, Pg. 32 Train My Brain: Determination Unit 1, Pg. 149 I Am, I Can Unit 4, Pg. 96 Good Friends Activity: I Try New Things Unit 6, Pg. 99 Good Friends Activity: I'm a Problem Solver Unit 7, Pg. 165 Good Friends Activity: I Choose Carefully
2. Planning	<ul style="list-style-type: none"> Squirrel's Sketches Perfect Present 	<ul style="list-style-type: none"> Unit 1, Pg. 32 Train My Brain: Determination Unit 4, Pg. 96 Good Friends Activity: I Try New Things Unit 6, Pg. 99 Good Friends Activity: I'm a Problem Solver
3. Engagement	Engaging activities throughout Waterford hold children's attention as they concentrate on each task.	<ul style="list-style-type: none"> Unit 1, Pg. 32 Train My Brain: Determination Unit 7, Pg. 131 Good Friends Activity: I Pay Attention
4. Problem solving	<ul style="list-style-type: none"> Books: Milton's Mittens Songs: Problem Solving Lost and Found Marmot's Basket 	<ul style="list-style-type: none"> Unit 2, Pg. 202 Kind Kids Unit 5, Pg. 166 Good Friends Activity: I Ask for Help When I Need It Unit 5, Pg. 226 Good Friends Activity: I'm a Good Friend
5. Use of resources	<ul style="list-style-type: none"> Squirrel's Sketches Perfect Present Marmot's Basket Clubhouse 	<ul style="list-style-type: none"> Unit 1, Pg. 149 I Am, I Can Unit 4, Pg. 96 Good Friends Activity: I Try New Things Unit 6, Pg. 99 Good Friends Activity: I'm a Problem Solver Unit 7, Pg. 165 Good Friends Activity: I Choose Carefully
6. Reflection	<ul style="list-style-type: none"> Songs: Problem Solving Books: Milton's Mittens 	<ul style="list-style-type: none"> Unit 5, Pg. 166 Good Friends Activity: I Ask for Help When I Need It Unit 6, Pg. 99 Good Friends Activity: I'm a Problem Solver <p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> Role Play Waiting Game

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
B. Social Emotional Development		
7. Self-identity	<ul style="list-style-type: none"> • Books: Mine; José Three • Come Inside • My Family • Clubhouse 	<ul style="list-style-type: none"> • Unit 1, Pg. 4 The Name Song • Unit 1, Pg. 149 I Am, I Can • Unit 3, Pg. 288 Journals: My Family
8. Sense of competence	<ul style="list-style-type: none"> • Books: Mine; José Three; Ooey, Gooley Mud; My Reptile Hospital • Perfect Present • Squirrel's Sketches • Come Inside • My Family 	<ul style="list-style-type: none"> • Unit 2, Pg. 206 Good Friends, Good Listeners • Unit 5, Pg. 197 Good Friends Activity: I'm a Helper • Unit 5, Pg. 226 Good Friends Activity: I'm a Good Friend • Unit 6, Pg. 36 Good Friends Activity: My Brain Has Lots of Ideas • Unit 7, Pg. 249 Friendship
9. Emotions	<ul style="list-style-type: none"> • Do I Have To? • Clubhouse • Papa's Thumb • Where's Papa? • Lost and Found • Broken Vase • Boo Hoo Baby • Find Me! 	<ul style="list-style-type: none"> • Introduction, Pg. 16 Private Place • Unit 1, Pg. 149 I Am, I Can • Unit 4, Pg. 4 Good Friends Activity: Guess How I'm Feeling • Unit 4, Pg. 26 Journal Prompt: I feel • Unit 4, Pg. 35 Good Friends Activity: I Can Calm Down • Unit 4, Pg. 47 Quiet Bottles • Unit 4, Pg. 57 Self-Control Instruments • Unit 7, Pg. 139 Painting My Feelings <p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Emotion Cards • Lots of Feelings • Guess How I'm Feeling
10. Empathy	<ul style="list-style-type: none"> • Musical Mayhem • Boo Hoo Baby • Baby's Ball 	<p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Emotion Cards • Lots of Feelings • Guess How I'm Feeling

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
B. Social Emotional Development continued		
11. Community	<ul style="list-style-type: none"> • My Family • Where's Papa? 	<p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Lots of Feelings
12. Building relationships	<ul style="list-style-type: none"> • Lost and Found • Find Me! • Where's Papa? • Marmot's Basket • Soup's On! • Musical Mayhem • Mama's Melody 	<p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Lots of Feelings
13. Cooperative play	Social-emotional videos model positive, pro-social behaviors such as friendship, empathy, kindness, cooperation, collaboration, respect, and initiative as children learn to respect the rights and property of others.	<ul style="list-style-type: none"> • Unit 1, Pg. 10 Good Playing Rules • Unit 2, Pg. 202 Kind Kids • Unit 5, Pg. 226 Good Friends Activity: I'm a Good Friend • Unit 5, Pg. 238 Friends Use Kind Words • Unit 6, Pg. 56 Good Friends Activity: Can I Play With You?
14. Moral development	Social-emotional videos model positive, pro-social behaviors such as friendship, empathy, kindness, cooperation, collaboration, respect, and initiative as children learn to respect the rights and property of others as well as their own.	<ul style="list-style-type: none"> • Unit 1, Pg. 88 Let's Play • Unit 4, Pg. 66 Good Friends Activity: Two Friends • Unit 4, Pg. 84 Working Together • Unit 5, Pg. 226 Good Friends Activity: I'm a Good Friend
15. Conflict resolution	Social-emotional videos model positive, pro-social behaviors such as friendship, empathy, kindness, collaboration, courtesy, respect, and initiative as children learn to respect the rights and property of others as well as their own.	<ul style="list-style-type: none"> • Unit 3, Pg. 375 Trusted Adults • Unit 5, Pg. 166 Good Friends Activity: I Ask for Help When I Need It • Unit 5, Pg. 173 Asking for Help • Unit 6, Pg. 107 How to Solve a Problem

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
C. PHYSICAL DEVELOPMENT AND HEALTH		
16. Gross-motor skills	<ul style="list-style-type: none"> • Songs: Head, Shoulders, Knees, and Toes 	<ul style="list-style-type: none"> • Unit 1, Pg. 130 We're Standing on One Foot! • Unit 4, Pg. 42 Birds on a Perch • Unit 7, Pg. 238 Surfing the Waves • Yoga Poster
17. Fine-motor skills	The daily use of a touch pad or mouse helps develop dexterity and hand-eye coordination.	
18. Body awareness	<ul style="list-style-type: none"> • Songs: Head, Shoulders, Knees, and Toes; I Touch My Nose Like This 	
19. Personal care	<ul style="list-style-type: none"> • Songs: Health • Books: The Germs; We All Exercise • Avoid Germs and Prevent Illness • Exercise and Rest • Healthy Food 	<ul style="list-style-type: none"> • Unit 1, Pg. 11 Hand Washing and Snack • Unit 6, Pg. 7 Dramatic Play: Gym • Unit 6, Pg. 79 Bath Time • Unit 6, Pg. 108 Exercise Makes Me Better
20. Healthy behavior	<ul style="list-style-type: none"> • Songs: Health • Books: Everybody Needs to Eat • Healthy Food 	<p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Food Pictures (Healthy Eating) • My Healthy Plate

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
D. LANGUAGE, LITERACY, AND COMMUNICATION		
21. Comprehension	<ul style="list-style-type: none"> • Describe Characters • Sum Up: Five Ws • Find An Answer • Picture Clues • Sum Up: Five Ws • Making Connections • Building Knowledge 	<ul style="list-style-type: none"> • Story Time Activities • Journal Activities • Unit 3, Pg. 312 Itsy Bitsy Spider: First, Next, and Last
22. Speaking	<ul style="list-style-type: none"> • Books: Seeing Fingers; Noise, What Noise? • It's Not Fair • Lost and Found • Boo Hoo Baby 	<ul style="list-style-type: none"> • Unit 2, Pg. 160 Dramatic Play: Restaurant • Unit 7, Pg. 165 Good Friends Activity: I Choose Carefully
23. Vocabulary	Waterford online books include bold-faced vocabulary words. When any word is selected, the word is repeated. When bold-faced words are selected, children hear a slowed pronunciation and definition in a pop-up with an illustration.	<ul style="list-style-type: none"> • Story Time Activities • Unit 2, Pg. 221 Over, Under, Through • Unit 5, Pg. 141 Language: Sentence Board Game
24. Phonological awareness	<ul style="list-style-type: none"> • Sing a Rhyme Songs/Books • Read with Me Books (See titles at end of document.) • Rhyme • Rhyme Match • Rhyming Words • Finish the Picture • One Doesn't Rhyme • Initial Sound • Right Initial Sound • Choose a Sound 	<ul style="list-style-type: none"> • Unit 1, Pg. 142 Rhyme Awareness: Humpty Dumpty and the Rhyme Cheer • Unit 2, Pg. 228 Little Miss Muffet: Rhymes and Whey • Unit 4, Pg. 110 Listening Activity: Initial /ck/ Sounds • Unit 6, Pg. 52 Pairs: Initial Sounds and Letter Sound /p/ • Unit 6, Pg. 56 Listening Activity: Initial Sounds • Unit 6, Pg. 66 Listening Activity: Friend Initial Sounds • Unit 6, Pg. 74 The Quiet Books: Initial Sounds and Letter Sound q (/kw/)

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
D. LANGUAGE, LITERACY, AND COMMUNICATION CONTINUED		
25. Alphabetic knowledge	<ul style="list-style-type: none"> • ABC Song • Letters Introduction • Letter Pictures • Letter Checker • Find the Letter • Name That Letter • Hidden Letters 	<ul style="list-style-type: none"> • Unit 1, Pg. 12 Alphabet Instruction • Unit 1, Pg. 26 Singing the Alphabet • Unit 5, Pg. 138 Eleven Elephants: Syllable Blend and Letter Sound /e/ • Unit 7, Pg. 202 Yummy: Blending Sounds and Letter Sound /y/ • Unit 7, Pg. 206 Listening Activity: Blending Food Phonemes • Unit 7, Pg. 210 The Zebra: Blending Sounds and Letter Sound /z/ • Unit 7, Pg. 230 Blending Phonemes: BINGO
26. Reading	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Informational Books (See titles at end of document.) • Print Concepts • Words In Your World • Letters Make Words 	<ul style="list-style-type: none"> • Schedule Activities • Story Time Activities • Unit 1, Pg. 23 Morning Message • Unit 1, Pg. 35 Calendar • Unit 1, Pg. 82 Letters Make Words
27. Concepts about print (if applicable)	<ul style="list-style-type: none"> • Print Concepts • Letters Make Words • Letters Introduction 	<ul style="list-style-type: none"> • Story Time Activities • Unit 1, Pg. 23 Morning Message • Unit 1, Pg. 37 Print Knowledge: Books • Unit 1, Pg. 46 The Apple Tree: Discuss the Story • Unit 1, Pg. 82 Letters Make Words

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
D. LANGUAGE, LITERACY, AND COMMUNICATION <i>CONTINUED</i>		
28. Book knowledge	<ul style="list-style-type: none"> • Words In Your World • Print Concepts 	<ul style="list-style-type: none"> • Schedule Activities • Story Time Activities • Unit 1, Pg. 23 Morning Message • Unit 1, Pg. 35 Calendar • Unit 1, Pg. 82 Letters Make Words
29. Writing	<ul style="list-style-type: none"> • Dots, Lines, and Circles • Letter Pictures • Letter Trace 	<ul style="list-style-type: none"> • Introduction, Pg. 17 Writing Center • Journal Activities • Unit 1, Pg. 8 Morning Message • Unit 1, Pg. 35 Morning Message • Unit 1, Pg. 82 Letters Make Words
30. English language learning	<ul style="list-style-type: none"> • Do I Have To? • Vocab • Build Knowledge • It's Not Fair! • Find Me! 	

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
E. MATHEMATICS		
31. Number words and symbols	<ul style="list-style-type: none"> Counting Songs (See titles at end of document.) Number Instruction Make and Count Groups Number Practice Explain Numbers Letters Introduction 	<ul style="list-style-type: none"> Introduce and Count Number Activities Unit 1, Pg. 45 Counting and Attendance Unit 5, Pg. 200 Counting in a Circle
32. Counting	<ul style="list-style-type: none"> Counting Songs (See titles at end of document.) Number Instruction One-to-one Correspondence Make and Count Groups Match Numbers Bug Bits Moving Target (Dots) 	<ul style="list-style-type: none"> Unit 1, Pg. 23 Counting and Attendance Unit 1, Pg. 40 Math: Same Two Unit 1, Pg. 150 Arrange and Count 4 Unit 2, Pg. 170 Mad Dash Number Match Unit 2, Pg. 208 Pizza Chef Match Unit 2, Pg. 218 Group Five Pets Unit 3, Pg. 335 Tortillas, Tortillas: Family Dinner Unit 5, Pg. 147 Decomposing 7 Unit 5, Pg. 171 Quantities to 7 Unit 5, Pg. 180 Arrange and Count 7 Unit 5, Pg. 200 Counting in a Circle
33. Part-whole relationships	<ul style="list-style-type: none"> Songs: Bee Happy Addition; On the Bayou; Addition Make and Count Groups; Bakery Subtraction; Circus Subtraction Make and Count Groups Subtract Groups Act Out Subtraction Add Groups Act Out Addition 	<ul style="list-style-type: none"> Unit 2, Pg. 161 Popcorn Number Match Unit 2, Pg. 191 Traffic Jam Count 1-5 Unit 2, Pg. 208 Pizza Chef Match Unit 2, Pg. 218 Group Five Pets Unit 5, Pg. 105 Quantities to 10 Unit 7, Pg. 247 How Many Are Hiding?

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
E. MATHEMATICS CONTINUED		
34. Shapes	<ul style="list-style-type: none"> • Books: The Shape of Things; Imagination Shapes • Songs: Kites; Shapes, Shapes, Shapes • Circle, Square, Triangle, Rectangle • Oval, Star, Semicircle, Rhombus, Octagon • Simple Shapes • Solid Shapes • Space Shapes • World Shapes 	<ul style="list-style-type: none"> • Introduction, Pg. 9 Block Center; Pg. 12 Math Center • Unit 3, Pg. 350 Friday Story: The Perfect Square • Unit 3, Pg. 368 Shapes Mural • Unit 7, Pg. 141 Tool Workshop
35. Spatial awareness	<ul style="list-style-type: none"> • Songs: Position Cat; Get Over the Bugs; Monster Trucks • Books: Up in the Air • Position • First, Middle, Last • Inside, Outside, Between • Over, Under, Above, Below • Above, Below, Next to, On • Over, Under, and Through • First, Next, and Last 	<ul style="list-style-type: none"> • Unit 2, Pg. 221 Over, Under, Through • Unit 2, Pg. 229 Top, Beside, Bottom • Unit 2, Pg. 260 Bears Above, Below, Next To, On <p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Position Words
36. Measuring	<ul style="list-style-type: none"> • Songs: Savanna Size; Large, Larger, Largest • Make Comparisons • Order Size • Length • Heavy and Light • Tall and Short • Big and Little 	<ul style="list-style-type: none"> • Unit 6, Pg. 114 Length • Unit 7, Pg. 136 Exploring Length • Unit 7, Pg. 142 Weight <p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Sorting

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
E. MATHEMATICS CONTINUED		
37. Unit	<ul style="list-style-type: none"> • Songs: Train Station Patterns • Patterns • Simple Shapes • Space Shapes • World Shapes • Solid Shapes • Circle, Square, Triangle, Rectangle • Oval, Star, Semicircle, Rhombus, Octagon • More Than • Fewer Than • Greater Than, Less Than • More Than, Fewer Than 	<ul style="list-style-type: none"> • Unit 4, Pg. 38 AB Pattern Garden • Unit 4, Pg. 48 ABB Cereal Necklaces • Unit 4, Pg. 59 ABC Patterns • Unit 6, Pg. 8 Greater Than • Unit 6, Pg. 71 Less Than • Unit 6, Pg. 105 Quantities to 10 • Unit 6, Pg. 121 Problem Solving: Fair Division
38. Patterns	<ul style="list-style-type: none"> • Songs: Train Station Patterns • Patterns • Pattern AB • Pattern ABB • Pattern ABC 	<ul style="list-style-type: none"> • Unit 4, Pg. 38 AB Pattern Garden • Unit 4, Pg. 48 ABB Cereal Necklaces • Unit 4, Pg. 59 ABC Patterns
39. Data analysis	<ul style="list-style-type: none"> • Songs: Problem Solving • Books: Milton's Mittens • Patterns 	<ul style="list-style-type: none"> • Introduction, Pg. 9 Block Center; Pg. 12 Math Center • Unit 4, Pg. 48 ABB Cereal Necklaces • Unit 4, Pg. 59 ABC Patterns <p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Patterns • Problem Solving

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
F. Creative Arts		
40. Art	<ul style="list-style-type: none"> • Squirrel's Sketches • Baby's Ballet • Mama's Melody • Papa's Play 	<ul style="list-style-type: none"> • Unit 2, Pg. 256 Polly's Tea • Unit 3, Pg. 309 Leaf Rubbings • Unit 3, Pg. 361 Fire Painting • Unit 3, Pg. 368 Shades of Paint • Unit 6, Pg. 43 Mixing Colors: Planets and Meteorites
41. Music	<ul style="list-style-type: none"> • Sing a Rhyme Songs/Books (See titles at end of document.) • Mama's Melody 	<ul style="list-style-type: none"> • Unit 1, Pg. 96 Friendly Musical Chairs • Unit 1, Pg. 98 Dramatic Play: Music Shop • Unit 1, Pg. 103 Instrument Chairs • Unit 4, Pg. 57 Self-Control Musical Instruments • Unit 6, Pg. 85 Storytelling with Instruments • Unit 7, Pg. 215 Chicka Chicka Boom Boom Program
42. Movement	<ul style="list-style-type: none"> • Books: Movin' to the Music Time • Baby's Ballet • Mama's Melody 	<ul style="list-style-type: none"> • Unit 1, Pg. 96 Friendly Musical Chairs • Unit 1, Pg. 98 Dramatic Play: Music Shop • Unit 1, Pg. 103 Instrument Chairs • Unit 4, Pg. 57 Self-Control Musical Instruments • Unit 6, Pg. 85 Storytelling with Instruments • Unit 7, Pg. 215 Chicka Chicka Boom Boom Program <p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Hi! Notes

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
F. Creative Arts <i>continued</i>		
43. Pretend play	<ul style="list-style-type: none"> • Pretend Play • Clubhouse • Marmot's Basket • Papa's Play 	<ul style="list-style-type: none"> • Center Activities • Introduction, Pg. 11 Dramatic Play Center • Unit 1, Pg. 6 Learning • Unit 2, Pg. 190 Dramatic Play: Junkyard • Unit 3, Pg. 330 Dramatic Play: Fire Station • Unit 7, Pg. 134 Dramatic Play: Architect's Office • Unit 7, Pg. 141 Tool Workshop <p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> • Role Play • What Would You Do?
44. Appreciating the arts	<ul style="list-style-type: none"> • Sing a Rhyme Songs/Books (See titles at end of document.) • Baby's Ballet • Mama's Melody • Squirrel's Sketches • Papa's Play 	<ul style="list-style-type: none"> • Music Activities • Dance Activities • Introduction, Pg. 11 Dramatic Play Center • Unit 1, Pg. 96 Friendly Musical Chairs • Unit 2, Pg. 175 Dancing with Props • Unit 3, Pg. 371 Where is Thumbkin: Find the Marble • Unit 6, Pg. 12 Hi! Notes • Unit 6, Pg. 53 Floating Robots

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
G. Science and Technology		
45. Observing	<ul style="list-style-type: none"> Science Investigation Science Observation: From Egg to Chick 	<ul style="list-style-type: none"> Unit 3, Pg. 276 Run, Run! Shade or Sun Unit 3, Pg. 306 How Do Plants Drink? Unit 3, Pg. 363 Seed Investigation Unit 5, Pg. 216 What Do Spiders Like? Unit 5, Pg. 245 Can an Earthworm Tell if it's Hot or Cold? Unit 7, Pg. 244 Weather Report
46. Classifying	<ul style="list-style-type: none"> Songs: I Am Part of All I See; Seasons; Four Ecosystems Books: That's What I Like: A Book About Seasons; Where In the World Would You Go Today? Rainforests Mountains Oceans Desert 	<ul style="list-style-type: none"> Unit 3, Pg. 276 Run, Run! Shade or Sun Unit 4, Pg. 100 Dramatic Play: Pond Unit 5, Pg. 170 Dramatic Play: Entomology Lab Unit 7, Pg. 243 What Should I Wear? Unit 7, Pg. 244 Weather Report
47. Experimenting	<ul style="list-style-type: none"> Science Tools Measurement Tools Length Weight Capacity 	<ul style="list-style-type: none"> Unit 3, Pg. 284 Sunlight and Temperature Investigation Unit 6, Pg. 18 Listening To My Body Unit 6, Pg. 24 Fingerprints: Same or Different? Unit 7, Pg. 170 Exploring Weight Unit 7, Pg. 199 Volume Unit 7, Pg. 244 Weather Report
48. Predicting	<ul style="list-style-type: none"> Songs: The Scientific Method Books: I Want to Be a Scientist Like Jane Goodall; George Washington Carver; Wilbur and Orville Wright Science Investigation Science Observation: From Egg to Chick 	<ul style="list-style-type: none"> Unit 3, Pg. 363 Seed Investigation Unit 5, Pg. 216 What Do Spiders Like? Unit 5, Pg. 245 Can an Earthworm Tell if it's Hot or Cold? Science Center

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
G. Science and Technology <i>continued</i>		
50. Communicating ideas	<ul style="list-style-type: none"> • Songs: The Scientific Method • Science Investigation • Science Observation: From Egg to Chick 	<ul style="list-style-type: none"> • Unit 3, Pg. 284 Sunlight and Temperature Investigation • Unit 3, Pg. 340 The Water Cycle: Part 1 • Unit 3, Pg. 344 The Water Cycle: Part 2 • Unit 3, Pg. 363 Seed Investigation • Unit 5, Pg. 216 What Do Spiders Like? • Unit 5, Pg. 245 Can an Earthworm Tell if it's Hot or Cold?
51. Natural and physical world	<ul style="list-style-type: none"> • Songs: Seasons; The Moon; Precipitation • Books: That's What I Like: A Book About Seasons; Star Pictures; Moon Song • Sun • Moon • Constellations • Spring • Summer • Fall • Winter • Weather • Clouds • Sort • Simple Shapes • Rocks • Plants • Insects • Touch 	<ul style="list-style-type: none"> • Unit 3, Pg. 276 Run, Run! Shade or Sun • Unit 3, Pg. 309 Leaf Rubbings • Unit 5, Pg. 170 Dramatic Play: Entomology Lab • Unit 5, Pg. 234 Worms: Slimy, Slippery, and Smooth • Unit 7, Pg. 233 Precipitation • Unit 7, Pg. 243 What Should I Wear? • Unit 7, Pg. 244 Weather Report
52. Tools and technology	<ul style="list-style-type: none"> • Science Tools • Measurement Tools • Length • Weight • Capacity 	<ul style="list-style-type: none"> • Unit 3, Pg. 284 Sunlight and Temperature Investigation • Unit 6, Pg. 18 Listening To My Body • Unit 6, Pg. 24 Fingerprints: Same or Different? • Unit 7, Pg. 170 Exploring Weight • Unit 7, Pg. 199 Volume • Unit 7, Pg. 244 Weather Report

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
H. Social Studies		
53. Diversity	<ul style="list-style-type: none"> Books: Seeing Fingers; In the Rain; Noise? What Noise?; David Next Door; Moving Day; The Crowded House; Treasures from the Loom My Family 	<ul style="list-style-type: none"> Introduction, Pg. 20 An Inclusive Classroom Unit 3, Pg. 286 Grandmas: Same and Different Unit 3, Pg. 288 Journals: My Family
54. Community roles	<ul style="list-style-type: none"> Books: Bugs For Sale; Follow the Apples, Bad News Shoes Clubhouse Soup's On! Do I Have To? 	<p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> Listening Rug Rules Good Playing Rules
55. Decision making	<ul style="list-style-type: none"> Marmot's Basket Clubhouse Boo Hoo Baby Musical Mayhem Perfect Present 	<ul style="list-style-type: none"> Unit 1, Pg. 32 Train My Brain: Determination Unit 4, Pg. 96 Good Friends Activity: I Try New Things Unit 6, Pg. 99 Good Friends Activity: I'm a Problem Solver
56. Geography	Each Sing Around the World: Intro displays a map highlighting the location of the country represented.	<ul style="list-style-type: none"> Unit 2, Pg. 225 Where We Are <p><u>Family Resources in English or Spanish</u></p> <ul style="list-style-type: none"> Exploring Your Home City With Your Children
57. History	<ul style="list-style-type: none"> Books: I Can't Wait; Mr. Romano's Secret, A Time Story Today Yesterday/Tomorrow 	<ul style="list-style-type: none"> Unit 1, Pg. 7 Schedule Unit 1, Pg. 45 Calendar: Yesterday and Today Unit 1, Pg. 55 Calendar

Key Developmental Indicators	Waterford Digital Activities	Waterford Resources
H. Social Studies <i>continued</i>		
58. Ecology	<ul style="list-style-type: none"> • Songs: I Am Part of All I See; Conservation; Pollution Rap • Pollution and Recycling • Oceans • Deserts • Mountains • Rainforests • Water • Natural Resources • Pollution and Recycling • Care of Water • Care of Earth 	<ul style="list-style-type: none"> • Unit 2, Pg. 214 Garbage Elves • Unit 3, Pg. 335 Exploring Water • Unit 3, Pg. 340 The Water Cycle: Part 1 • Unit 3, Pg. 344 The Water Cycle: Part 2 • Unit 3, Pg. 349 Where Does Our Water Come From?

Pre-Reading

Sing a Rhyme Songs & Books

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

Informational Books

Opposites / Pairs / Watch the Woolly Worm

Read With Me Books

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

Early Readable Books

At Bat / The Map / Rad Dad / My Tam-Tam / Go, Cam! / Pop / The Hot Pot / A Kit for the Pit / Big Dog Dot / A Big Win / I See You

Basic Reading

Traditional Tales & Stories

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

Informational Books

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

Readable Books

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

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

Fluent Reading

Read-Along Books

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

Informational Books

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

Readable Books

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

Readable Story Sentences

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



Support

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

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.

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

Beginning Math Songs

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

Nursery Songs and Rhymes

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

Beginning Reading Songs

Comma, Comma, Comma / Homophone Monkey /
Antonym Ant / Apples and Bananas / Old
MacDonald's Vowels / ABC Show and Tell Sounds /
ABC Tongue Twisters / ABC Picture Sounds / Sheep in
the Shadows / C-K Rap / S Steals the Z / Blends /
Blicky Licky Land / Apostrophe Pig / Capital Letters—
Days / Chip Chop / Adjectives Describe / Lazy

Letter Q / Nouns / Verbs / Adverbs / Irregular Verbs
/ Preposition 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](#).

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.

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

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)

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).