

CURRICULUM *Correlation*



Correlation content includes a sampling of Waterford Digital Activities and Resources

TABLE OF CONTENTS

PRE-KINDERGARTEN	1
Mathematics: Counting and Cardinality	1
Mathematics: Operations and Algebraic Thinking	1
Mathematics: Geometry and Spatial Sense	1
KINDERGARTEN	2
Numeric Reasoning: Counting and Cardinality	2
Numeric Reasoning: Base Ten Arithmetic	3
Algebraic Reasoning: Operations	3
Geometric Reasoning and Measurement: Geometric Reasoning and Measurement	5
Geometric Reasoning and Measurement: Geometric Reasoning and Data Reasoning: Data Reasoning	6
GRADE 1	6
Numeric Reasoning: Base Ten Arithmetic	6
Algebraic Reasoning: Operations	8
Geometric Reasoning and Measurement: Geometric Reasoning and Measurement	9
GRADE 2	9
Numeric Reasoning: Base Ten Arithmetic	9
Algebraic Reasoning: Operations	11
Geometric Reasoning and Measurement: Geometric Reasoning and Measurement	11
Data Reasoning: Data Reasoning	13
WATERFORD BOOKS AND RELATED ACTIVITIES	14
WATERFORD FAMILY ENGAGEMENT RESOURCES	15

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
PRE-KINDERGARTEN		
Mathematics: Counting and Cardinality		
Count orally to 20 by ones OR.Math.PK.CC.1.1	<ul style="list-style-type: none"> • Counting Songs • Number Songs • Make and Count Groups • Number Counting • Number Instruction • Numbers Review 	<ul style="list-style-type: none"> • Unit 1, Pg 5 Attendance • Unit 5, Pg 200 Counting in a Circle
Read a whole number from 0 to 10 OR.Math.PK.CC.5.2	<ul style="list-style-type: none"> • Number Songs • Number Books • Counting Songs • Number Counting • Number Instruction 	<ul style="list-style-type: none"> • Introduce and Count Number Activities • Introduce and Write Number Activities
Write a whole number from 1 to 10 as a numeral OR.Math.PK.CC.5.2	<ul style="list-style-type: none"> • Number Songs • Number Books • Counting Songs • Number Counting • Number Instruction 	<ul style="list-style-type: none"> • Introduce and Write Number Activities
Enumerate objects up to 5 without counting OR.Math.PK.CC.2.1	<ul style="list-style-type: none"> • Bug Bits • Dominoes 	
Count out 0 to 10 objects given oral directions OR.Math.PK.CC.3.1	<ul style="list-style-type: none"> • Number Songs • Counting Songs • Number Counting • Number Instruction 	<ul style="list-style-type: none"> • Introduce and Count Number Activities
Mathematics: Operations and Algebraic Thinking		
Extend pattern: objects / pictures / sounds / movement OR.Math.PK.OA.2.1	<ul style="list-style-type: none"> • Song: Train Station Patterns • Patterns 	<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
Mathematics: Geometry and Spatial Sense		
Identify the position in sequences, up to 5th OR.Math.PK.G.2.1	<ul style="list-style-type: none"> • Book: The Circus Came to Town • Ordinal Numbers 	

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Mathematics: Geometry and Spatial Sense <i>continued</i>		
Identify attributes of a 2-dimensional shape OR.Math.PK.G.1.1	<ul style="list-style-type: none"> • Songs: Marmot Shapes; Corners and Sides • Simple Shapes • Circle, Square, Triangle, Rectangle 	<ul style="list-style-type: none"> • Unit 3, Pg 289 Rectangles and Squares • Unit 3, Pg 310 Make a Triangle • Unit 3, Pg 314 Cutting Shapes • Unit 3, Pg 320 Circles • Unit 3, Pg 360 Fancy Shapes
Compare / sort common 2-D shapes OR.Math.PK.G.1.3	<ul style="list-style-type: none"> • Songs: Marmot Shapes; Corners and Sides; Same and Different; All Sorts of Laundry • Book: Buttons, Buttons • Match • Sort • Simple Shapes • Circle, Square, Triangle, Rectangle 	<ul style="list-style-type: none"> • Unit 1 Pg 119 Sorting Buttons • Unit 1 Pg 134 Texture Sort
KINDERGARTEN		
Numeric Reasoning: Counting and Cardinality		
Understand relationship: counting / quantities OR.Math.K.NCC.B.4	<ul style="list-style-type: none"> • Counting Songs • Number Songs (See titles at end of document.) • Number Counting • Order Numbers • One-to-one Correspondence • Make and Count Groups • Number Instruction 	<ul style="list-style-type: none"> • Object Counting Basics
Count out a given number of objects from 1 to 20 OR.Math.K.NCC.B.5	<ul style="list-style-type: none"> • Counting Songs • Number Songs • Make and Count Groups • Number Counting • Number Instruction • Numbers Review • Match Numbers • Bug Bits • One-to-one Correspondence 	<ul style="list-style-type: none"> • Object Counting Basics

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Numeric Reasoning: Counting and Cardinality <i>continued</i>		
Write numbers from 0 to 20 given oral directions OR.Math.K.NCC.A.3	<ul style="list-style-type: none"> • Counting Songs • Number Songs • Math Books (See titles at end of document.) • Number Instruction 	<ul style="list-style-type: none"> • Write Numbers 0-20
Represent 0 to 20 grouped objects with a numeral OR.Math.K.NCC.A.3	<ul style="list-style-type: none"> • Make and Count Groups • Number Counting • Match Numbers • One-to-One Correspondence • Order Numbers • Count On by 1 • Bug Bits 	<ul style="list-style-type: none"> • Object Counting Succession • How Many?
Count aloud by 1s from a number less than 100 OR.Math.K.NCC.A.2	<ul style="list-style-type: none"> • Number Songs • Counting Songs (See titles at end of document.) • Counting Puzzle 	<ul style="list-style-type: none"> • Count Forward
Numeric Reasoning: Base Ten Arithmetic		
Compose number from 11 to 19 using pictures OR.Math.K.NBT.A.1	<ul style="list-style-type: none"> • Place Value 	<ul style="list-style-type: none"> • Tens and Ones
Algebraic Reasoning: Operations		
Model addition within 5 using objects OR.Math.K.OA.A.1	<ul style="list-style-type: none"> • Songs: Bee Happy Addition; On the Bayou; • Add Groups • Sums • Act Out Addition • Make and Count Groups 	
Model subtraction within 5 using objects OR.Math.K.OA.A.1	<ul style="list-style-type: none"> • Songs: Bakery Subtraction; Subtract Those Cars; Circus Subtraction • Book: Five Delicious Muffins • Subtract Groups • Minuends • Sums • Act Out Subtraction 	

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Algebraic Reasoning: Operations <i>continued</i>		
Add numbers with a sum to 10: pictures / objects OR.Math.K.OA.A.2	<ul style="list-style-type: none"> • Songs: Bee Happy Addition; On the Bayou; • Make and Count Groups • Add Groups • Act Out Addition 	<ul style="list-style-type: none"> • Represent Addition and Subtraction with Objects
Subtract numbers using objects: minuend up to 10 OR.Math.K.OA.A.2	<ul style="list-style-type: none"> • Songs: Bakery Subtraction; Subtract Those Cars; Circus Subtraction • Book: Five Delicious Muffins • Subtract Groups • Act Out Subtraction 	<ul style="list-style-type: none"> • Represent Addition and Subtraction with Objects
Add numbers with sum up to 10 OR.Math.K.OA.A.2	<ul style="list-style-type: none"> • Songs: Bee Happy Addition; On the Bayou; • Mental Math • Add Groups • Sums • Act Out Addition 	
Subtract numbers with minuend to 10 OR.Math.K.OA.A.2	<ul style="list-style-type: none"> • Songs: Bakery Subtraction; Subtract Those Cars; Circus Subtraction • Book: Five Delicious Muffins • Mental Math • Subtract Groups • Minuends • Act Out Subtraction 	
Decompose number 10 or less into pairs: pictures OR.Math.K.OA.A.3	<ul style="list-style-type: none"> • Make and Count Groups • Add Groups • Subtract Groups • Act Out Subtraction • Subtract Doubles 	<ul style="list-style-type: none"> • Decompose Numbers
Find number to make 10 when added: picture OR.Math.K.OA.A.4	<ul style="list-style-type: none"> • Missing Addends • Count On • Act Out Addition • Make 10 	<ul style="list-style-type: none"> • Numbers That Make 10

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Geometric Reasoning and Measurement: Geometric Reasoning and Measurement		
Describe measurable attributes of an object OR.Math.K.GM.C.7	<ul style="list-style-type: none"> • Song: Measuring Plants • Length • Capacity • Length • Big and Little • Tall and Short • Heavy and Light 	<ul style="list-style-type: none"> • Measurable Attributes
Identify a 2-dimensional shape OR.Math.K.GM.A.2	<ul style="list-style-type: none"> • Songs: Kites; Shapes, Shapes, Shapes • Books: The Shape of Things; Imagination Shapes; Up in the Air • Circle, Square, Triangle, Rectangle • Star, Semicircle, Octagon, Oval, Rhombus • Simple Shapes 	<ul style="list-style-type: none"> • Two-dimensional Shapes
Identify a shape regardless of orientation / size OR.Math.K.GM.A.2	<ul style="list-style-type: none"> • Songs: Kites; Shapes, Shapes, Shapes • Books: The Shape of Things; Imagination Shapes; Up in the Air • Circle, Square, Triangle, Rectangle • Star, Semicircle, Octagon, Oval, Rhombus • Simple Shapes • Solid Shapes • World Shapes 	<ul style="list-style-type: none"> • Shape Recognition
Identify a 2-D or 3-D shape as flat or solid OR.Math.K.GM.A.3	<ul style="list-style-type: none"> • Song: Corners and Sides • Solid Shapes • Space Shapes • Simple Shapes • Congruence • Tangrams • Similar Figures 	<ul style="list-style-type: none"> • Two-dimensional Shapes • Compare Shapes

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Geometric Reasoning and Measurement: Geometric Reasoning and Measurement <i>continued</i>		
Identify actual objects using position words OR.Math.K.GM.A.1	<ul style="list-style-type: none"> • Songs: Position Cat; Kites; Get Over the Bugs; Shapes, Shapes, Shapes • Books: The Shape of Things; Imagination Shapes; Up in the Air • Position • Over, Under, Above, Below • Inside, Outside, Between • Circle, Square, Triangle, Rectangle • Simple Shapes • World Shapes • Above, Below, Next to, On 	<ul style="list-style-type: none"> • Describing Objects
Data Reasoning: Data Reasoning		
Sort objects according to one attribute OR.Math.K.DR.B.2	<ul style="list-style-type: none"> • Songs: Same and Different; All Sorts of Laundry • Book: Buttons, Buttons • Sort • Make and Count Groups 	<ul style="list-style-type: none"> • Classifying Objects
GRADE 1		
Numeric Reasoning: Base Ten Arithmetic		
Count aloud up to 120 from a smaller number OR.Math.1.NBT.A.1	<ul style="list-style-type: none"> • Song: Counting On • Count On • Number Chart 	<ul style="list-style-type: none"> • Count to 120
Count on by ones from a number within 120 OR.Math.1.NBT.A.1	<ul style="list-style-type: none"> • Song: Counting On • Count On • Number Chart 	<ul style="list-style-type: none"> • Count to 120
Represent numbers of objects by numerals: 0-120 OR.Math.1.NBT.A.1	<ul style="list-style-type: none"> • Song: Counting On • Count On • Number Chart 	<ul style="list-style-type: none"> • Count to 120
Understand 2-digit number digits: 10s and 1s OR.Math.1.NBT.B.2	<ul style="list-style-type: none"> • Song: Place Value • Place Value of 2-digit Numbers • Expanded Notation 	<ul style="list-style-type: none"> • Tens as a Bundle of Ones
Recognize a number from a model of 10s / 1s to 100 OR.Math.1.NBT.B.2	<ul style="list-style-type: none"> • Song: Place Value • Place Value of 2-digit Numbers • Expanded Notation 	<ul style="list-style-type: none"> • Tens as a Bundle of Ones

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Numeric Reasoning: Base Ten Arithmetic <i>continued</i>		
Determine a digit's value in a 2-digit numbers OR.Math.1.NBT.B.2	<ul style="list-style-type: none"> • Song: Place Value • Place Value of 2-digit Numbers • Expanded Notation 	<ul style="list-style-type: none"> • Tens as a Bundle of Ones • 11-19 Broken Down
Compare 2-digit numbers using standard symbols OR.Math.1.NBT.B.3	<ul style="list-style-type: none"> • Place Value • Greater Than, Less Than (2-digit Numbers)' 	<ul style="list-style-type: none"> • Compare Two-Digit Numbers
Add 10 to a 2-digit number using mental math OR.Math.1.NBT.C.5	<ul style="list-style-type: none"> • Song: Skip Counting • Book: Navajo Beads • Add • Skip Count by 10 • Number Patterns 	<ul style="list-style-type: none"> • Ten More or Less
Subtract 10 from a 2-digit number: mental math OR.Math.1.NBT.C.5	<ul style="list-style-type: none"> • Song: Skip Counting • Book: Navajo Beads • Subtract • Skip Count by 10 • Number Chart 	<ul style="list-style-type: none"> • Ten More or Less
Subtract multiple of 10 from 10 to 90: various OR.Math.1.NBT.C.6	<ul style="list-style-type: none"> • Subtraction • Subtract Tens • Subtraction Patterns • Subtract • Place Value • Addition and Subtraction Relationship 	<ul style="list-style-type: none"> • Subtracting in 10s
Understand composing a 10: add / subtract to 100 OR.Math.1.NBT.C.4	<ul style="list-style-type: none"> • Song: Place Value • Place Value of 2-digit Numbers • Expanded Notation 	<ul style="list-style-type: none"> • Tens as a Bundle of Ones
Add within 100 OR.Math.1.NBT.C.4	<ul style="list-style-type: none"> • Addition • Add Tens • Doubles • Add with Manipulatives • Add Vertical Squares • Addition and Subtraction Relationship • Add with Regrouping Concept • Add 2-digit and 1-digit Numbers with Regrouping • Add 2-digit Numbers without Regrouping • Add 2-digit Numbers with Regrouping 	<ul style="list-style-type: none"> • Adding within 100

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Algebraic Reasoning: Operations		
Add within 20 using place value strategy OR.Math.1.OA.C.6	<ul style="list-style-type: none"> • Songs: Fact Families; Counting On • Books: Facts about Families; Circus 20; Painting by Number • Addition and Subtraction Fact Families • Addition Sentences • Commutative Property of Addition • Addition and Subtraction Relationship • Missing Addends • Add 3 One-digit Numbers 	<ul style="list-style-type: none"> • Add and Subtract within 20
Subtract within 20 using any strategy OR.Math.1.OA.C.6	<ul style="list-style-type: none"> • Songs: Fact Families; Counting On • Books: Facts about Families; Circus 20; Painting by Number • Addition and Subtraction Fact Families • Subtraction Sentences • Commutative Property of Addition • Addition and Subtraction Relationship • Missing Minuends and Subtrahends • Subtraction Patterns 	<ul style="list-style-type: none"> • Add and Subtract within 20
Subtract within 20 using any strategy OR.Math.1.OA.B.3	<ul style="list-style-type: none"> • Addition and Subtraction Relationship • Addition and Subtraction Fact Families • Subtraction Patterns • Commutative Property of Addition 	<ul style="list-style-type: none"> • Strategies to Add and Subtract
Find an unknown: addition / subtraction fact to 20 OR.Math.1.OA.D.8	<ul style="list-style-type: none"> • Addition Sentences • Subtraction Sentences • Addition and Subtraction Fact Families • Missing Addends • Missing Minuends and Subtrahends 	
Solve a problem: addition / subtraction within 20 OR.Math.1.OA.A.1	<ul style="list-style-type: none"> • Songs: Fact Families; Doubles • Book: Facts About Families • Addition and Subtraction Fact Families • Addition and Subtraction Relationship • Doubles • Subtract Doubles 	

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Geometric Reasoning and Measurement: Geometric Reasoning and Measurement		
Order three objects by length OR.Math.1.GM.B.4	<ul style="list-style-type: none"> Length Nonstandard Units of Length 	<ul style="list-style-type: none"> Order by Length
Recognize length: exact number of spanning units OR.Math.1.GM.B.5	<ul style="list-style-type: none"> Length Nonstandard Units of Length 	<ul style="list-style-type: none"> Length Measurement
Draw a shape with given attributes OR.Math.1.GM.A.1	<ul style="list-style-type: none"> Songs: Corners and Sides; Kites Geoboard Space Shapes 	<ul style="list-style-type: none"> Attributes
Compose a composite shape from 2-D shapes OR.Math.1.GM.A.2	<ul style="list-style-type: none"> Song: Kites Space Shapes Geoboard Tangrams 	
Partition a 2-D figure into 2 / 4 equal shares OR.Math.1.GM.A.3	<ul style="list-style-type: none"> Song: Fractions Book: Halves and Fourths and Thirds Equal-part Fractions Label Parts of Fractions 	<ul style="list-style-type: none"> Equal Shares
GRADE 2		
Numeric Reasoning: Base Ten Arithmetic		
Count on by ones from a number within 1000 OR.Math.2.NBT.A.2	<ul style="list-style-type: none"> Number Sequences and Patterns 	<ul style="list-style-type: none"> Counting within 1000
Read a whole number to 1000 OR.Math.2.NBT.A.3	<ul style="list-style-type: none"> Sequences of 2-digit Numbers Sequences of 3-digit Numbers Number Chart Place Value Expanded Notation 	<ul style="list-style-type: none"> Read and Write Numbers to 1000
Write a whole number in standard form up to 1000 OR.Math.2.NBT.A.3	<ul style="list-style-type: none"> Sequences of 2-digit Numbers Sequences of 3-digit Numbers Number Chart Place Value 	<ul style="list-style-type: none"> Read and Write Numbers to 1000
Understand 3-digit number represents 100s / 10s / 1s OR.Math.2.NBT.A.1	<ul style="list-style-type: none"> Song: Place Value Place Value of 3-digit Numbers 	<ul style="list-style-type: none"> Thinking of 100 as a Bundle of Ten 10s

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Numeric Reasoning: Base Ten Arithmetic <i>continued</i>		
Write a whole number in expanded form up to 1000 OR.Math.2.NBT.A.3	<ul style="list-style-type: none"> • Sequences of 2-digit Numbers • Sequences of 3-digit Numbers • Number Chart • Place Value • Expanded Notation 	<ul style="list-style-type: none"> • Read and Write Numbers to 1000
Compare two 3-digit numbers: standard symbols OR.Math.2.NBT.A.4	<ul style="list-style-type: none"> • Greater Than, Less Than (3-digit Numbers) • Place Value of 3-digit Numbers 	<ul style="list-style-type: none"> • Less Than, Equal To, or Greater Than
Understand when to regroup: add / subtract to 1000 OR.Math.2.NBT.B.7	<ul style="list-style-type: none"> • Place Value • Addition and Subtraction Relationship • Commutative Properties of Addition • Addition • Subtraction • Add without Regrouping • Add with Regrouping • Subtract without regrouping • Subtract with Regrouping • Act Out Addition • Act Out Subtraction 	<ul style="list-style-type: none"> • Add and Subtract within 1000
Add within 1000 OR.Math.2.NBT.B.7	<ul style="list-style-type: none"> • Place Value • Addition and Subtraction Relationship • Commutative Properties of Addition • Addition • Add without Regrouping • Add with Regrouping • Act Out Addition 	<ul style="list-style-type: none"> • Add and Subtract within 1000
Subtract within 1000: place-value strategies OR.Math.2.NBT.B.7	<ul style="list-style-type: none"> • Place Value • Addition and Subtraction Relationship • Subtraction • Subtract without regrouping • Subtract with Regrouping • Act Out Subtraction 	<ul style="list-style-type: none"> • Add and Subtract within 1000

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Algebraic Reasoning: Operations		
Know basic addition facts within 20 OR.Math.2.OA.B.2	<ul style="list-style-type: none"> • Songs: Fact Families; Doubles • Subtraction Patterns • Addition Facts to 2 	<ul style="list-style-type: none"> • Add and Subtract within 20
Solve a problem: open sentence to model context OR.Math.2.OA.A.1	<ul style="list-style-type: none"> • Book: Painting by Number • Addition • Subtraction • Missing Addends and Subtrahends • Subtraction Sentences • Addition and Subtraction Facts 	<ul style="list-style-type: none"> • One- and two-step word problems within 100
Solve addition / subtraction problem within 100 OR.Math.2.OA.A.1	<ul style="list-style-type: none"> • Book: Painting by Number • Addition • Subtraction • Missing Addends and Subtrahends • Subtraction Sentences • Addition and Subtraction Facts 	<ul style="list-style-type: none"> • One- and two-step word problems within 100
Geometric Reasoning and Measurement: Geometric Reasoning and Measurement		
Solve a problem: open sentence to model context OR.Math.2.GM.C.8	<ul style="list-style-type: none"> • Songs: Fact Families; Doubles • Book: Facts About Families • Addition and Subtraction Fact Families • Addition and Subtraction Relationship • Doubles • Subtract Doubles • Problem Solving Strategy • Story Problem Strategies 	
Know ruler units equal in size / span with no gaps OR.Math.2.GM.B.4 OR.Math.2.GM.C.9	<ul style="list-style-type: none"> • Song: Measuring Plants • Book: Birds at My House • Length • Measurement Tools • Standard Units of Length 	<ul style="list-style-type: none"> • Measurement Tools
Measure / find difference in length in whole units OR.Math.2.GM.B.7	<ul style="list-style-type: none"> • Length • Standard Units of Length • Measurement Tools 	<ul style="list-style-type: none"> • Measuring the Same Object Two Ways • Measurement Tools

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Geometric Reasoning and Measurement: Geometric Reasoning and Measurement <i>continued</i>		
Add / subtract to 100 to solve a length problem OR.Math.2.GM.C.8	<ul style="list-style-type: none"> • Book: Yangshi’s Perimeter • Story Problem Strategies • Addition • Subtraction • Length • Standard Units of Length • Perimeter 	<ul style="list-style-type: none"> • Add and Subtract Word Problems within 100
Tell / write time to nearest 5 minutes OR.Math.2.GM.D.10	<ul style="list-style-type: none"> • Songs: Telling Time; Clock Hands • Tell Time • Tell Time to Five Minutes 	<ul style="list-style-type: none"> • Tell and Write Time
Partition a rectangle / circle into equal parts OR.Math.2.GM.A.3	<ul style="list-style-type: none"> • Song: Fractions • Books: Halves and Fourths and Thirds; The Fraction Twins • Fractions • Label Parts of Fractions • Geoboard • Fractions of Regions • Fractions of Groups 	<ul style="list-style-type: none"> • Fractions
Name rectangle / circle parts cut equally in 2 / 3 / 4 OR.Math.2.GM.A.3	<ul style="list-style-type: none"> • Song: Fractions • Books: Halves and Fourths and Thirds; The Fraction Twins • Fractions • Label Parts of Fractions • Geoboard • Fractions of Regions • Fractions of Groups 	<ul style="list-style-type: none"> • Fractions
Draw a shape with specified attributes OR.Math.2.GM.A.1	<ul style="list-style-type: none"> • Songs: Kites; Shapes, Shapes, Shapes; Corners and Sides • Book: The Shape of Things • Space Shapes • World Shapes • Geoboard 	<ul style="list-style-type: none"> • Draw Shapes

OREGON RENAISSANCE® FOCUS SKILLS™	WATERFORD DIGITAL RESOURCES	WATERFORD RESOURCES
Data Reasoning: Data Reasoning		
Generate data: measure length using whole units OR.Math.2.DR.A.1	<ul style="list-style-type: none"> • Song: Graphing • Measurement Tools • Standard Units of Length • Graphing • Bar Graphs • Picture Graphs • Use Graphs and Tables 	<ul style="list-style-type: none"> • Generating Measurement Data • Graphs

PRE-MATH & 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; 19 On the Beach; 20 Fingers and Toes

Science Books

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

Counting Songs

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

Number Songs

Count to 31; Hotel 100; 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 & SCIENCE

Math & Science Books

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

FLUENT MATH & SCIENCE

Math & Science Books

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



SUPPORT

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

CONTINUAL DEVELOPMENT

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

SPANISH FAMILY ENGAGEMENT RESOURCES

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

SONGS

Beginning Math Songs

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

Nursery Songs and Rhymes

Rhyming Words; A: The Apple Tree; B: Bluebird, Bluebird; C: Pat-a-Cake; D: Hey Diddle, Diddle; E: One Elephant Went Out to Play; F: The Farmer in the Dell; G: Ten Little Goldfish; H: All the Pretty Little Horses; I: Mother, Mother, I Am Ill; J: Jack and Jill; K: Three Little Kittens; L: Mary Had a Little Lamb; M: Little Miss Muffett; N: I Touch My Nose Like This (Spanish); O: Polly, Put the Kettle On; P: This Little Pig; Q: Quack, Quack, Quack; R: Little Rabbit (Chinese); S: Eensy, Weensy Spider; 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 MENTOR

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



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