

CURRICULUM *Correlation*

*Waterford Reading
Academy:
Math & Science*

100%

*Oklahoma
Renaissance®
Focus Skills™*

**Correlation content includes both Waterford Digital Resources and Waterford Teacher Resources.*

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OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
PREKINDERGARTEN		
Algebraic Reasoning & Algebra: Patterns		
Identify the position in sequences, up to 5th OK.MATH.PK.A.1	<ul style="list-style-type: none"> • Book: The Circus Came to Town • Ordinal Numbers 	<ul style="list-style-type: none"> • Unit 1, Pg. 78 Introduce and Count Number 2 • Unit 1, Pg. 100 Introduce and Count Number 3
Extend pattern: objects / pictures / sounds / movement OK.MATH.PK.A.1.2	<ul style="list-style-type: none"> • Song: Train Station Patterns • Patterns: AB; ABB, 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
Geometry & Measurement: Geometry		
Identify a shape regardless of orientation / size OK.MATH.PK.GM.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
Geometry & Measurement: Measurement		
Classify objects according to one attribute OK.MATH.PK.GM.2.3	<ul style="list-style-type: none"> • Songs: Same and Different; All Sorts of Laundry • Book: Buttons, Buttons • Match • Sort 	<ul style="list-style-type: none"> • Unit 1, Pg. 119 Sorting Buttons • Unit 1, Pg. 134 Texture Sort
Describe measurable attributes of an object OK.MATH.PK.GM.2.1	<ul style="list-style-type: none"> • Songs: All Sorts of Laundry; Savanna Size; Large, Larger, Largest • Book: Buttons, Buttons • Match • Sort • Big and Little • Tall and Short • Large Small Toys • Big Little Animals • Heavy and Light 	<ul style="list-style-type: none"> • Unit 1, Pg. 119 Sorting Buttons • Unit 1, Pg. 60 Turn and Talk Matching

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
Number & Operations: Quantity		
Count aloud the number names from 1 to 10 OK.MATH.PK.N.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
Read a whole number from 0 to 10 OK.MATH.PK.N.1.2	<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
Identify written numerals 0 to 9 in environment OK.MATH.PK.N.1.2	<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
Understand relationship: counting / quantities OK.MATH.PK.N.2	<ul style="list-style-type: none"> • Number Counting • Match Numbers • One-to-One Correspondence • Make and Count Groups 	<ul style="list-style-type: none"> • Introduce and Count Number Activities
Count out 0 to 10 objects given oral directions OK.MATH.PK.N.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
Compare sets of up to 5 objects OK.MATH.PK.N.3.1	<ul style="list-style-type: none"> • Songs: Greater Than, Less Than; More Than, Fewer Than • Book: For the Birds • Greater Than, Less Than • More Than, Fewer Than • More Than • Fewer Than • Make and Count Groups 	<ul style="list-style-type: none"> • Unit 6, Pg. 8 Greater Than • Unit 6, Pg. 71 Less Than • Unit 7, Pg. 180 Build One More • Unit 7, Pg. 229 Build One Less
Count orally to 20 by ones OK.MATH.PK.N.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 3, Pg. 335 Tortillas, Tortillas: Family Dinner • Unit 5, Pg. 200 Counting in a Circle

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
KINDERGARTEN		
Algebraic Reasoning & Algebra: Patterns		
Sort objects according to one attribute OK.MATH.K.A.1.1	<ul style="list-style-type: none"> • Songs: Same and Different; All Sorts of Laundry • Book: Buttons, Buttons • Match • Sort 	<ul style="list-style-type: none"> • Classifying objects.pdf: Classify objects into given categories; count the numbers of objects in each category and sort the categories by count. <ul style="list-style-type: none"> - Let's Sort - Sort
Recognize and describe patterns OK.MATH.K.A.1.2	<ul style="list-style-type: none"> • Song: Train Station Patterns • Patterns: AB; ABB, ABC 	
Create pattern: objects / pictures / sounds / movement OK.MATH.K.A.1.2	<ul style="list-style-type: none"> • Song: Train Station Patterns • Patterns: AB; ABB, ABC 	
Data & Probability: Data Analysis		
Sort objects according to one attribute OK.MATH.K.D.1.1	<ul style="list-style-type: none"> • Songs: Same and Different; All Sorts of Laundry • Book: Buttons, Buttons • Match • Sort • Calendar/Graph Weather 	<ul style="list-style-type: none"> • Classifying objects.pdf: Classify objects into given categories; count the numbers of objects in each category and sort the categories by count. <ul style="list-style-type: none"> - Let's Sort - Sort
Geometry & Measurement: Geometry		
Identify a 2-dimensional shape OK.MATH.K.GM.1.1	<ul style="list-style-type: none"> • Songs: Marmot Shapes; Shapes, Shapes, Shapes • Simple Shapes • Circle, Square, Triangle, Rectangle 	<ul style="list-style-type: none"> • Shape recognition.pdf: Correctly name shapes regardless of their orientations or overall size. <ul style="list-style-type: none"> - Shapes Scavenger Hunt - Shapes and Positioning
Identify attributes of a 2-dimensional shape OK.MATH.K.GM.1.3	<ul style="list-style-type: none"> • Songs: Marmot Shapes; Corners and Sides • Simple Shapes • Circle, Square, Triangle, Rectangle 	<ul style="list-style-type: none"> • Shape recognition.pdf: Correctly name shapes regardless of their orientations or overall size. <ul style="list-style-type: none"> - Shapes Scavenger Hunt - Shapes and Positioning

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
Geometry & Measurement: Geometry <i>continued</i>		
Sort objects according to one attribute OK.MATH.K.GM.1.2	<ul style="list-style-type: none"> • Songs: Same and Different; All Sorts of Laundry • Book: Buttons, Buttons • Match • Sort 	<ul style="list-style-type: none"> • Classifying objects.pdf: Classify objects into given categories; count the numbers of objects in each category and sort the categories by count. <ul style="list-style-type: none"> - Let's Sort - Sort
Identify a 2-D or 3-D shape as flat or solid OK.MATH.K.GM.1.6	<ul style="list-style-type: none"> • Songs: Kites; Shapes, Shapes, Shapes; Up in the Air; Positioning • Books: The Shape of Things; Imagination Shapes • Circle, Square, Triangle, Rectangle • Star, Semicircle, Octagon, Oval, Diamond • Simple Shapes • Solid Shapes • World Shapes • Position • Above, Below, Next to, On • Over, Under, Through • Inside, Outside, Inbetween 	<ul style="list-style-type: none"> • Two-dimensional shapes.pdf: Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid"). <ul style="list-style-type: none"> - Shapes and Positioning
Geometry & Measurement: Measurement		
Compare objects using vocabulary of measurement OK.MATH.K.GM.2.1	<ul style="list-style-type: none"> • Songs: Measuring Plants; Large, Larger, Largest; Savanna Size • Length • Capacity • Large Small Toys • Big Little Animals 	<ul style="list-style-type: none"> • Measurable attributes.pdf: Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object. <ul style="list-style-type: none"> - Filling Table - Order It Up - Straw Rulers - Measuring Walk - Heavy or Light - Make A Balance - Measurable Attributes

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
Number & Operations: Quantity		
Count on with numbers 1 to 10 OK.MATH.K.N.1.5	<ul style="list-style-type: none"> • Songs: Counting On; Counting Songs • Count On • Dot-to-Dot 	<ul style="list-style-type: none"> • Count forward.pdf: Count forward beginning with a given number within the known sequence. <ul style="list-style-type: none"> - Let's Count On - Toss and Count - Count On by 1 - Math Newsletter: Count On
Count out a given number of objects from 1 to 20 OK.MATH.K.N.1.6	<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"> • How many?.pdf: Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects. <ul style="list-style-type: none"> - Hoop Addition
Number & Operations: Whole Number Operations		
Decompose number 10 or less into pairs: pictures OK.MATH.K.N.2.1	<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.pdf: Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation. <ul style="list-style-type: none"> - Addition Cubes - Fact Families

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
GRADE 1		
Geometry & Measurement: Geometry		
Compose a composite shape from 2-D shapes OK.MATH.1.GM.1.2	<ul style="list-style-type: none"> • Geoboard • Tangrams 	
Geometry & Measurement: Measurement		
Recognize length: exact number of spanning units OK.MATH.1.GM.2.2	<ul style="list-style-type: none"> • Length • Nonstandard Units of Length • Problem Solving 	<ul style="list-style-type: none"> • Length Measurement.pdf: Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps. <ul style="list-style-type: none"> - Measures of Me - Measure a Handful - Estimating Length - A Fruit and Vegetable - Measure Up!
Know ruler units equal in size / span with no gaps OK.MATH.1.GM.2.1	<ul style="list-style-type: none"> • Length • Standard Units of Length • Measurement Tools 	<ul style="list-style-type: none"> • Measurement tools.pdf: Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes. <ul style="list-style-type: none"> - Ready, Set, Measure - Treasure Hunt - Centimeter Ruler - Inch Ruler - Let's Measure in Centimeters! - Let's Measure in Inches!

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
Number & Operations: Quantity		
Relate number up to 20 to point on number line OK.MATH.1.N.1.7	<ul style="list-style-type: none"> • Number Line 	
Count aloud by 1s from a number less than 100 OK.MATH.1.N.1.4	<ul style="list-style-type: none"> • Songs: Counting On; Skip Counting • Books: Painting by Number; Circus 20; Hooray, Hooray for the One Hundredth Day! • Count On • Number Chart 	<ul style="list-style-type: none"> • Count to 120.pdf: Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral. <ul style="list-style-type: none"> - Mystery Numbers - I Can Write Numbers to 99 - Numbers 20–29; 30–39; 40–49; 50–59; 60–69 - Counting to 89 - Counting Charts: - I Can Count to 50; 100; 99; 120
Relate number to 120: expanded / standard form OK.MATH.1.N.1.3	<ul style="list-style-type: none"> • Songs: Counting On; Place Value • Books: Painting by Number; Circus 20; Hooray, Hooray for the One Hundredth Day! • Expanded Notation • Place Value of 2-digit Numbers • Count On • Number Chart 	<ul style="list-style-type: none"> • Count to 120.pdf: Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral. <ul style="list-style-type: none"> - Mystery Numbers - I Can Write Numbers to 99 - Numbers 20–29; 30–39; 40–49; 50–59; 60–69 - Counting to 89 - Counting Charts: - I Can Count to 50; 100; 99; 120
Recognize a number from a model of 10s / 1s to 100 OK.MATH.1.N.1.2	<ul style="list-style-type: none"> • Expanded Notation • Place Value • Place Value of 2-digit Numbers 	<ul style="list-style-type: none"> • Ten groupings.pdf: The numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones). <ul style="list-style-type: none"> - Toss It
Count on by ones from a number within 120 OK.MATH.1.N.1.4	<ul style="list-style-type: none"> • Songs: Counting On; Skip Counting • Books: Painting by Number; Circus 20; Hooray, Hooray for the One Hundredth Day! • Count On • Number Chart 	<ul style="list-style-type: none"> • Count to 120.pdf: Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral. <ul style="list-style-type: none"> - Mystery Numbers - I Can Write Numbers to 99 - Numbers 20–29; 30–39; 40–49; 50–59; 60–69 - Counting to 89 - Counting Charts: - I Can Count to 50; 100; 99; 120

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
Number & Operations: Quantity <i>continued</i>		
Determine 10 more / less than a given number OK.MATH.1.N.1.5	<ul style="list-style-type: none"> • Song: Skip Counting • Book: Navajo Beads • Add • Subtract • Add Tens • Subtract Tens • Skip Count by 10 • Number Chart 	<ul style="list-style-type: none"> • Ten more or less.pdf: Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used. <ul style="list-style-type: none"> - Ten-O - Toss It - Make a Number - Bingo - Subtract 10 - Addition of Tens
Determine a digit's value in a 2-digit number OK.MATH.1.N.1.6	<ul style="list-style-type: none"> • Song: Place Value • Place Value of 2-digit Numbers • Expanded Notation • Greater Than, Less Than, Equal to 	
Compare 2-digit numbers using standard symbols OK.MATH.1.N.1.6	<ul style="list-style-type: none"> • Song: Place Value • Place Value • Greater Than, Less Than (2-digit Numbers) • Expanded Notation 	<ul style="list-style-type: none"> • Compare two-digit numbers.pdf: Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols $>$, $=$, and $<$. <ul style="list-style-type: none"> - More or Less Spinner - Catch Me if You Can! - What Are You Looking For? - Two-Pile Sort
Order whole numbers to 120 OK.MATH.1.N.1.6	<ul style="list-style-type: none"> • Song: Counting On • Books: Painting by Number; Circus 20; Hooray, Hooray for the One Hundredth Day! • Place Value • Count On • Number Chart 	<ul style="list-style-type: none"> • Compare two-digit numbers.pdf: Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols $>$, $=$, and $<$. <ul style="list-style-type: none"> - More or Less Spinner - Catch Me if You Can! - What Are You Looking For? - Two-Pile Sort

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
Number & Operations: Fractions		
Partition a 2-D figure into 2 / 4 equal shares OK.MATH.1.N.3.1	<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.pdf: Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares. <ul style="list-style-type: none"> - Make It Equal - Fraction Friends - Fraction Train - Halves, Thirds, Fourths - Equal Parts
Partition a 2-D figure into 2 / 4 equal shares OK.MATH.1.N.3.2	<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.pdf: Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares. <ul style="list-style-type: none"> - Make It Equal - Fraction Friends - Fraction Train - Halves, Thirds, Fourths - Equal Parts

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
GRADE 2		
Algebraic Reasoning & Algebra: Patterns		
Extend a pattern involving addition / subtraction OK.MATH.2.A.1.1	<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 • Problem Solving Strategy • Story Problem Strategies 	<ul style="list-style-type: none"> • Word problems using subtraction within 20.pdf: Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions. <ul style="list-style-type: none"> - Guess and Check - Model the Story
Algebraic Reasoning & Algebra: Number Sentences		
Solve a problem: open sentence to model context OK.MATH.2.A.2.2	<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 	<ul style="list-style-type: none"> • Word problems using subtraction within 20.pdf: Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions. <ul style="list-style-type: none"> - Guess and Check - Model the Story
Number & Operations: Quantity		
Understand 3-digit number represents 100s / 10s / 1s OK.MATH.2.N.1.3	<ul style="list-style-type: none"> • Place Value of 3-digit Numbers 	
Read a whole number to 1000 OK.MATH.2.N.1.1	<ul style="list-style-type: none"> • Numbers Review • Number Line • Number Chart 	<ul style="list-style-type: none"> • Read and write numbers to 1000.pdf: Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. <ul style="list-style-type: none"> - Cube Trails - Race for a Flat - High/Low Number Cube Throw - Lucky Five

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
Number & Operations: Quantity <i>continued</i>		
Write a whole number in standard form up to 1000 OK.MATH.2.N.1.1	<ul style="list-style-type: none"> • Numbers Review • Number Line • Number Chart 	<ul style="list-style-type: none"> • Read and write numbers to 1000.pdf: Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. <ul style="list-style-type: none"> - Cube Trails - Race for a Flat - High/Low Number Cube Throw - Lucky Five
Write a whole number in expanded form up to 1000 OK.MATH.2.N.1.3	<ul style="list-style-type: none"> • Expanded Notation • Place Value of 2-digit Numbers • Place Value of 3-digit Numbers 	<ul style="list-style-type: none"> • Read and write numbers to 1000.pdf: Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. <ul style="list-style-type: none"> - Cube Trails - Race for a Flat - High/Low Number Cube Throw - Lucky Five
Number & Operations: Whole Number Operations		
Know basic addition facts within 20 OK.MATH.2.N.2.2	<ul style="list-style-type: none"> • Songs: Fact Families; Doubles • Subtraction Patterns • Addition Facts • Speed Games 	<ul style="list-style-type: none"> • Adding and subtracting within 20.pdf: Fluently add and subtract within 20 using mental strategies. By end of grade 2, know from memory all sums of two one-digit numbers. <ul style="list-style-type: none"> - Sets of flashcards: - Addition—horizontal; vertical - Subtraction—horizontal; vertical - Addition and subtraction—horizontal and vertical
Know basic subtraction facts to 20 minus 10 OK.MATH.2.N.2.2	<ul style="list-style-type: none"> • Songs: Fact Families; Doubles • Subtraction Patterns • Addition Facts • Speed Games 	<ul style="list-style-type: none"> • Adding and subtracting within 20.pdf: Fluently add and subtract within 20 using mental strategies. By end of grade 2, know from memory all sums of two one-digit numbers. <ul style="list-style-type: none"> - Sets of flashcards: - Addition—horizontal; vertical - Subtraction—horizontal; vertical - Addition and subtraction—horizontal and vertical

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
Number & Operations: Whole Number Operations <i>continued</i>		
Add within 100 OK.MATH.2.N.2.4	<ul style="list-style-type: none"> • Place Value • Addition and Subtraction Relationship • Commutative Properties of Addition • Addition • Add without Regrouping • Add with Regrouping 	<ul style="list-style-type: none"> • Adding or subtracting within 100.pdf: Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. <ul style="list-style-type: none"> - Addition Flashcards - Addition of Two-Digit Numbers - Tic Tac Toe - Subtraction of Two-Digit Numbers
Subtract within 100: one of various strategies OK.MATH.2.N.2.4	<ul style="list-style-type: none"> • Place Value • Addition and Subtraction Relationship • Subtraction • Subtract without Regrouping • Subtract with Regrouping 	<ul style="list-style-type: none"> • Adding or subtracting within 100.pdf: Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. <ul style="list-style-type: none"> - Addition Flashcards - Addition of Two-Digit Numbers - Tic Tac Toe - Subtraction of Two-Digit Numbers
Solve addition / subtraction problem within 100 OK.MATH.2.N.2.5	<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 	<ul style="list-style-type: none"> • Adding or subtracting within 100.pdf: Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. <ul style="list-style-type: none"> - Addition Flashcards - Addition of Two-Digit Numbers - Tic Tac Toe - Subtraction of Two-Digit Numbers

OKLAHOMA RENAISSANCE FOCUS SKILLS	WATERFORD DIGITAL RESOURCES	WATERFORD TEACHER RESOURCES
Number & Operations: Fractions		
Partition a rectangle / circle into equal parts OK.MATH.2.N.3.2	<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 • You Be the Teacher 	<ul style="list-style-type: none"> • Fractions.pdf: Partition circles and rectangles into two, three, or four equal shares, de-scribe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape. <ul style="list-style-type: none"> - Frenzied Fraction Fun - Fabulous Fractions
Partition a shape into parts with equal areas OK.MATH.2.N.3.2	<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 • You Be the Teacher 	<ul style="list-style-type: none"> • Fractions.pdf: Partition circles and rectangles into two, three, or four equal shares, de-scribe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape. <ul style="list-style-type: none"> - Frenzied Fraction Fun - Fabulous Fractions

PRE-MATH & SCIENCE

Math Books

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

Science Books

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

Counting Songs

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

Number Songs

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

BASIC MATH & SCIENCE

Math & Science Books

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

FLUENT MATH & SCIENCE

Math & Science Books

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



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 waterford.mentor.org can be found in Spanish or with Spanish support.

SONGS

Beginning Math Songs

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

Nursery Songs and Rhymes

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

Beginning Reading Songs

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

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

WEEKLY HOMELINK NEWSLETTERS

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

MATH HOMELINK NEWSLETTERS

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

SCIENCE HOMELINK NEWSLETTERS

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

READING HOMELINK NEWSLETTERS

Alphabet Knowledge

Comprehension and Vocabulary

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

Readiness Skills Letters

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

Phonological Awareness Letters

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

WATERFORD MENTOR

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



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