

Correlation to the Oklahoma Academic Standards for Mathematics Grade 2



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Grade 2 Kit

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correlated to the

**Oklahoma Academic Standards for Mathematics (2016)
Grade 2**

Citations	Standard	Descriptor
2.N.1 Compare and represent whole numbers up to 1,000 with an emphasis on place value and equality.		
New Concept Lessons: 1, 4, 33, 38, 74, 76, 77, 84 Oklahoma Success Lesson: 77 The Meeting Lessons: 77–135	2.N.1.1	Read, write, discuss, and represent whole numbers up to 1,000. Representations may include numerals, words, pictures, tally marks, number lines and manipulatives.
New Concept Lessons: 56, 94 The Meeting Lessons: 28–135	2.N.1.2	Use knowledge of number relationships to locate the position of a given whole number on an open number line up to 100.
New Concept Lessons: 28, 74, 76, 77, 84, 92, 95-2, 103 The Meeting Lessons: 77–135	2.N.1.3	Use place value to describe whole numbers between 10 and 1,000 in terms of hundreds, tens and ones. Know that 100 is 10 tens, and 1,000 is 10 hundreds.
New Concept Lessons: 36, 44, 71 Oklahoma Success Lesson: 109 Oklahoma Success Lesson: 119 The Meeting Lessons: 40-2, 45-1, 51–55-2, 63–65-1, 67, 71–73, 75-1, 78, 80-1, 82, 83, 84, 87, 91, 93, 94, 95-2, 100-1, 104, 107, 110-1, 110-2, 114, 117, 120-2, 123, 124, 125-1, 127, 130-2, 133, 135	2.N.1.4	Find 10 more or 10 less than a given three-digit number. Find 100 more or 100 less than a given three-digit number.
New Concept Lessons: 94, 98, 109, 119, B Oklahoma Success Lesson: 94 The Meeting Lessons: 99, 119, 129	2.N.1.5	Recognize when to round numbers to the nearest 10 and 100.
New Concept Lessons: 8, 49, 74, 77, 81, 94 Oklahoma Success Lesson: 74 Oklahoma Success Lesson: 81 The Meeting Lessons: 70-1, 81	2.N.1.6	Use place value to compare and order whole numbers up to 1,000 using comparative language, numbers, and symbols (e.g., $425 > 276$, $73 < 107$, page 351 comes after page 350, 753 is between 700 and 800).

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Citations	Standard	Descriptor
2.N.2 Add and subtract one- and two-digit numbers in real-world and mathematical problems.		
New Concept Lessons: 5, 10-1, 20-1, 25-1, 29, 30-1, 35-1, 40-1, 45-1, 50-1, 55-1, 60-1, 65-1, 70-1, 75-1, 80-1, 85-1, 90-1, 95-1, 100-1, 105-1 Oklahoma Success Lesson: 55-1 Oklahoma Success Lesson: 56 The Meeting Lessons: 11–135	2.N.2.1	Use the relationship between addition and subtraction to generate basic facts up to 20.
New Concept Lessons: 5, 10-1, 20-1, 25-1, 29, 30-1, 35-1, 40-1, 45-1, 50-1, 55-1, 60-1, 65-1, 70-1, 75-1, 80-1, 85-1, 90-1, 95-1, 100-1, 105-1 The Meeting Lessons: 11–135	2.N.2.2	Demonstrate fluency with basic addition facts and related subtraction facts up to 20.
New Concept Lessons: 73, 98, 109, 119, B The Meeting Lessons: 99, 119, 129	2.N.2.3	Estimate sums and differences up to 100.
New Concept Lessons: 5, 10-1, 15-1, 20-1, 25-1, 29, 30-1, 35-1, 36, 40-1, 44, 45-1, 50-1, 53, 54, 55-1, 58, 60-1, 61, 62, 63, 64, 65-1, 68, 70-1, 71, 75-1, 80-1, 85-1, 87, 88, 89, 90-1, 91, 95-1, 98, 100-1, 105-1 The Meeting Lessons: 11–135	2.N.2.4	Use strategies and algorithms based on knowledge of place value and equality to add and subtract two-digit numbers.
New Concept Lessons: 8, 11, 22, 30-1, 35-1, 40-1, 45-1, 50-1, 55-1, 89, 91, 104, 134 Oklahoma Success Lesson: 58 Oklahoma Success Lesson: 91 The Meeting Lessons: 4, 5, 10-1, 12, 13, 14, 17, 18, 19, 21, 23, 24, 25-2, 26, 27, 29, 31, 32, 34, 36, 41, 46, 49, 50-1, 62, 65-1, 66, 68, 72, 73, 75-2, 76, 82, 83, 86, 90-2, 94, 95-1, 97, 105-1, 106, 108, 110-2, 112, 116, 120-1, 122, 135	2.N.2.5	Solve real-world and mathematical addition and subtraction problems involving whole numbers up to 2 digits.

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New Concept Lessons: 92, 110-1, 115-2, 116, 117, 121, 122 The Meeting Lesson: 125-2	2.N.2.6	Use concrete models and structured arrangements, such as repeated addition, arrays and ten frames to develop understanding of multiplication.
2.N.3 Explore the foundational ideas of fractions.		
New Concept Lessons: 19, 23, 24, 34, 39, 41, 80-2, 111, 112	2.N.3.1	Identify the parts of a set and area that represent fractions for halves, thirds, and fourths.
New Concept Lessons: 19, 23, 24, 34, 39, 41, 80-2, 111, 112	2.N.3.2	Construct equal-sized portions through fair sharing including length, set, and area models for halves, thirds, and fourths.
2.N.4 Determine the value of a set of coins.		
New Concept Lessons: 28, 42, 46, 51, 61, 62, 87, 88, 93, 107, 127 The Meeting: Lessons: 29–135	2.N.4.1	Determine the value of a collection(s) of coins up to one dollar using the cent symbol.
New Concept Lessons: 28, 42, 46, 51, 61, 62, 87, 88, 93, 107, 127 The Meeting Lessons: 29–135	2.N.4.2	Use a combination of coins to represent a given amount of money up to one dollar.
2.A.1 Describe the relationship found in patterns to solve real-world and mathematical problems.		
New Concept Lessons: 7, 13, 15-1, 15-2, 28, 32, 46, 49, 51, 69, 74, 76, 77, 78, 93, 95-2, 107, 120-1, 125-1, 130-1 Oklahoma Success Lesson: 100-1 Oklahoma Success Lesson: 130-1 The Meeting Lessons: 8–23, 25-2, 28, 30-2–32, 35-1, 35-2, 38, 41, 43–44, 48, 52, 54, 56, 60-1, 77, 82, 90-1–90-2, 94, 108, 112, 119, 120-1, 133	2.A.1.1	Represent, create, describe, complete, and extend growing and shrinking patterns with quantity and numbers in a variety of real-world and mathematical contexts.
New Concept Lessons: 7, 15-2 The Meeting Lessons: 8–31	2.A.1.2	Represent and describe repeating patterns involving shapes in a variety of contexts.

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2.A.2 Use number sentences involving unknowns to represent and solve real-world and mathematical problems.		
New Concept Lesson: 56	2.A.2.1	Use objects and number lines to represent number sentences.
New Concept Lessons: 8, 11, 22, 30-1, 35-1, 40-1, 45-1, 50-1, 55-1, 89, 91, 104, 134 The Meeting Lessons: 4, 5, 10-1, 12, 13, 14, 17, 18, 19, 21, 23, 24, 25-2, 26, 27, 29, 31, 32, 34, 36, 41, 46, 49, 50-1, 62, 65-1, 66, 68, 72, 73, 75-2, 76, 82, 83, 86, 90-2, 94, 95-1, 97, 105-1, 106, 108, 110-2, 112, 116, 120-1, 122, 135	2.A.2.2	Generate real-world situations to represent number sentences and vice versa.
New Concept Lessons: 13, 15-1, 37, 96, 97, 128 Oklahoma Success Lesson: 10-1 The Meeting Lessons: 14–40-2, 42–44, 64, 98	2.A.2.3	Apply commutative and identity properties and number sense to find values for unknowns that make number sentences involving addition and subtraction true or false.
2.GM.1 Analyze attributes of two-dimensional figures and develop generalizations about their properties.		
New Concept Lessons: 6, 7, 9, 10-1, 15-2, 18, 19, 21, 25-2, 30-2, 57, 60-2, 65-2, 70-2, 80-2, 85-2, 101, 104, 108, 114, C The Meeting Lessons: 8–19, 20-2, 22–25-1, 26, 27, 29, 30-1, 102, 103	2.GM.1.1	Recognize trapezoids and hexagons.
New Concept Lessons: 6, 7, 9, 10-1, 15-2, 18, 19, 21, 25-2, 30-2, 57, 60-2, 65-2, 70-2, 80-2, 85-2, 101, 104, 108, 114, C The Meeting Lessons: 8–19, 20-2, 22–25-1, 26, 27, 29, 30-1, 102, 103	2.GM.1.2	Describe, compare, and classify two-dimensional figures according to their geometric attributes.

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Citations	Standard	Descriptor
New Concept Lessons: 6, 7, 9, 10-1, 15-2, 18, 19, 21, 25-2, 30-2, 57, 60-2, 65-2, 70-2, 80-2, 85-2, 101, 104, 108, 114, C The Meeting Lessons: 8–19, 20-2, 22–25-1, 26, 27, 29, 30-1, 102, 103	2.GM.1.3	Compose two-dimensional shapes using triangles, squares, hexagons, trapezoids, and rhombi.
New Concept Lessons: 114, C	2.GM.1.4	Recognize right angles and classify angles as smaller or larger than a right angle.
2.GM.2 Understand length as a measurable attribute and explore capacity.		
New Concept Lesson: 104 Oklahoma Success Lesson: 99 The Meeting Lessons: 75-1, 105-1, 112	2.GM.2.1	Explain the relationship between the size of the unit of measurement and the number of units needed to measure the length of an object.
New Concept Lesson: 99 Oklahoma Success Lesson: 99	2.GM.2.2	Explain the relationship between length and the numbers on a ruler by using a ruler to measure lengths to the nearest whole unit.
New Concept Lessons: 45-2, 50-2, 75-2	2.GM.2.3	Explore how varying shapes and styles of containers can have the same capacity.
2.GM.3 Tell time to the quarter hour.		
New Concept Lessons: 3, 12, 26, 67, 78, 106, 123 The Meeting Lessons: 1–135	2.GM.3.1	Read and write time to the quarter-hour on an analog and digital clock. Distinguish between a.m. and p.m.
2.D.1 Collect, organize, and interpret data.		
New Concept Lessons: 2, 17, 31, 39, 48, 82, 105-2, 113, 125-2, 134, 135 The Meeting Lessons: 3–8, 10-1, 11–12, 18–19, 21, 25-2, 32–33, 41, 50-1, 106	2.D.1.1	Explain that the length of a bar in a bar graph or the number of objects in a picture graph represents the number of data points for a given category.
New Concept Lessons: 2, 17, 31, 39, 48, 82, 105-2, 113, 125-2, 134, 135 The Meeting Lessons: 3–8, 10-1, 11–12, 18–19, 21, 25-2, 32–33, 41, 50-1, 106	2.D.1.2	Organize a collection of data with up to four categories using pictographs and bar graphs with intervals of 1s, 2s, 5s or 10s.

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New Concept Lessons: 2, 17, 31, 39, 48, 82, 105-2, 113, 125-2, 134, 135 The Meeting Lessons: 3-8, 10-1, 11-12, 18-19, 21, 25-2, 32-33, 41, 50-1, 106	2.D.1.4	Draw conclusions and make predictions from information in a graph.