

CORRELATIONS WITH OKLAHOMA ACADEMIC STANDARDS

2023 PK-12 Mathematics and Early Childhood (Comprehensive)

State Subject Codes are available at <https://sde.ok.gov/accreditation-standards-division>
(in the “Documents” section, select “Subject Codes”)

Oklahoma Academic Standards are available at <https://sde.ok.gov/oklahoma-academic-standards>

Subject and Oklahoma State Subject Code: Mathematics 2204

Title of Textbook / Instructional Material Program: i-Ready Classroom Mathematics
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Grade(s): 2

Oklahoma Academic Standard(s) Correlation

(Include each applicable Oklahoma Academic Standard, creating additional rows in the table as needed.)

Page Number(s) identifying the correlation location	Standard/Objective and Correlating Content
<i>Example: Pages 23-27</i>	<i>Example: PK.N.1.1 Count aloud forward in sequence by 1s to 20.</i>
<p><i>Grade 2:</i> Lesson 12: Overview: TG pp. 317a–317b Explore: pp. 319–322; Develop: pp. 323–326; Refine: pp. 327–328 Lesson 13: Overview: TG pp. 329a–329b Explore: pp. 331–334; Develop: pp. 335–346; Refine: pp. 347–352</p>	<p>2.N.1.1 Read, write, discuss, and represent whole numbers up to 1,000. Representations should include, but are not limited to, numerals, words, pictures, tally marks, number lines, and manipulatives.</p> <p>Lesson 12: Understand Three-Digit Numbers Lesson 13: Read and Write Three-Digit Number</p>
<p><i>Grade 2:</i> Lesson 1: Overview: TG pp. 3a–3b Explore: pp. 5–8; Develop: pp. 9–20; Refine: pp. 21–26 Lesson 2: Overview: TG pp. 27a–27b Explore: pp. 29–32; Develop: pp. 33–44; Refine: pp. 45–50 Lesson 6: Overview: TG pp. 139a–139b Explore: pp. 141–144; Develop: pp. 145–162; Refine: pp. 163–168 Lesson 7: Overview: TG pp. 169a–169b Explore: pp. 171–174; Develop: pp. 175–192; Refine: pp. 193–198 Lesson 8: Overview: TG pp. 199a–199b Explore: pp. 201–204; Develop: pp. 205–216; Refine: pp. 217–222</p>	<p>2.N.1.2 Use knowledge of number relationships to locate the position of a given whole number, up to 100, on an open number line.</p> <p>Lesson 1: Mental Math Strategies for Addition Lesson 2: Mental Math Strategies for Subtraction Lesson 6: Add Two-Digit Numbers Lesson 7: Subtract Two-Digit Numbers Lesson 8: Use Addition and Subtraction Strategies with Two-Digit Numbers</p>

<p><i>Grade 2:</i> Lesson 13: Overview: TG pp. 329a–329b Explore: pp. 331–334; Develop: pp. 335–346; Refine: pp. 347–352</p>	<p>2.N.1.3 Use place value to describe whole numbers between 10 and 1,000 in terms of hundreds, tens, and ones, including written, standard, and expanded forms. Know that 10 is equivalent to 10 ones and 100 is equivalent to 10 tens.</p> <p>Lesson 13: Read and Write Three-Digit Numbers</p>
<p><i>Grade 2:</i> Lesson 15: Overview: TG pp. 377a–377b Explore: pp. 379–382; Develop: pp. 383–394; Refine: pp. 395–400</p>	<p>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.</p> <p>Lesson 15: Mental Addition and Subtraction</p>
<p><i>Grade 2:</i> Lesson 32: Overview: TG pp. 765a–765b Explore: pp. 767–770; Develop: pp. 771–776; Refine: pp. 777–782</p>	<p>2.N.1.5 Use objects to determine whether a number is even or odd.</p> <p>Lesson 32: Even and Odd Numbers</p>
<p><i>Grade 2:</i> Lesson 12: Overview: TG pp. 317a–317b Explore: pp. 319–322; Develop: pp. 323–326; Refine: pp. 327–328 Lesson 13: Overview: TG pp. 329a–329b Explore: pp. 331–334; Develop: pp. 335–346; Refine: pp. 347–352</p> <p><i>Grade 3:</i> Lesson 1: Overview: TG pp. 3a–3b Explore: pp. 5–8; Develop: pp. 9–20; Refine: pp. 21–24</p>	<p>2.N.1.6 Use place value understanding to round numbers to the nearest ten and nearest hundred (up to 1,000). Recognize when to round in real-world situations.</p> <p><i>This standard builds upon content from Grade 2:</i> Lesson 12: Understand Three-Digit Numbers Lesson 13: Read and Write Three-Digit Numbers</p> <p><i>This standard is met in Grade 3:</i> Lesson 1: Use Place Value to Round Numbers</p>
<p><i>Grade 2:</i> Lesson 14: Overview: TG pp. 353a–353b Explore: pp. 355–358; Develop: pp. 359–370; Refine: pp. 371–376</p>	<p>2.N.1.7 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).</p> <p>Lesson 14: Compare Three-Digit Numbers</p>

<p><i>Grade 2:</i> Lesson 1: Overview: TG pp. 3a–3b Explore: pp. 5–8; Develop: pp. 9–20; Refine: pp. 21–26 Lesson 2: Overview: TG pp. 27a–27b Explore: pp. 29–32; Develop: pp. 33–44; Refine: pp. 45–50</p>	<p>2.N.2.1 Use the relationship between addition and subtraction to generate basic facts with sums and minuends of up to 20.</p> <p>Lesson 1: Mental Math Strategies for Addition Lesson 2: Mental Math Strategies for Subtraction</p>
<p><i>Grade 2:</i> Lesson 1: Overview: TG pp. 3a–3b Explore: pp. 5–8; Develop: pp. 9–20; Refine: pp. 21–26 Lesson 2: Overview: TG pp. 27a–27b Explore: pp. 29–32; Develop: pp. 33–44; Refine: pp. 45–50</p>	<p>2.N.2.2 Demonstrate fluency with basic facts of addition and subtraction with sums and minuends of up to 20.</p> <p>Lesson 1: Mental Math Strategies for Addition Lesson 2: Mental Math Strategies for Subtraction</p>
<p><i>Grade 2:</i> Lesson 6: Overview: TG pp. 139a–139b Explore: pp. 141–144; Develop: pp. 145–162; Refine: pp. 163–168 Lesson 7: Overview: TG pp. 169a–169b Explore: pp. 171–174; Develop: pp. 175–192; Refine: pp. 193–198 Lesson 8: Overview: TG pp. 199a–199b Explore: pp. 201–204; Develop: pp. 205–216; Refine: pp. 217–222</p>	<p>2.N.2.3 Estimate sums and differences up to 100.</p> <p>Lesson 6: Add Two-Digit Numbers Lesson 7: Subtract Two-Digit Numbers Lesson 8: Use Addition and Subtraction Strategies with Two-Digit Numbers</p>
<p><i>Grade 2:</i> Lesson 6: Overview: TG pp. 139a–139b Explore: pp. 141–144; Develop: pp. 145–162; Refine: pp. 163–168 Lesson 7: Overview: TG pp. 169a–169b Explore: pp. 171–174; Develop: pp. 175–192; Refine: pp. 193–198 Lesson 8: Overview: TG pp. 199a–199b Explore: pp. 201–204; Develop: pp. 205–216; Refine: pp. 217–222</p>	<p>2.N.2.4 Use strategies and algorithms based on knowledge of place value and equality to add and subtract two-digit numbers.</p> <p>Lesson 6: Add Two-Digit Numbers Lesson 7: Subtract Two-Digit Numbers Lesson 8: Use Addition and Subtraction Strategies with Two-Digit Numbers</p>

<p><i>Grade 2:</i> Lesson 3: Overview: TG pp. 51a–51b Explore: pp. 53–56; Develop: pp. 57–68; Refine: pp. 69–74 Lesson 5: Overview: TG pp. 99a–99b Explore: pp. 101–104; Develop: pp. 105–116; Refine: pp. 117–122 Lesson 9: Overview: TG pp. 223a–223b Explore: pp. 225–228; Develop: pp. 229–246; Refine: pp. 247–252 Lesson 10: Overview: TG pp. 253a–253b Explore: pp. 255–258; Develop: pp. 259–276; Refine: pp. 277–282</p>	<p>2.N.2.5 Solve addition and subtraction problems involving whole numbers up to two digits.</p> <p>Lesson 3: Solve One-Step Word Problems Lesson 5: Solve Two-Step Word Problems Lesson 9: Solve Word Problems with Two-Digit Numbers Lesson 10: Solve Word Problems Involving Money</p>
<p><i>Grade 2:</i> Lesson 31: Overview: TG pp. 747a–747b Explore: pp. 749–752; Develop: pp. 753–758; Refine: pp. 759–764</p>	<p>2.N.2.6 Use concrete models and structured arrangements, such as repeated addition, arrays, and ten frames to develop an understanding of multiplication.</p> <p>Lesson 31: Add Using Arrays</p>
<p><i>Grade 2:</i> Lesson 29: Overview: TG pp. 717a–717b Explore: pp. 719–722; Develop: pp. 723–726; Refine: pp. 727–728</p>	<p>2.N.3.1 Identify the parts of a set and area that represent fractions for halves, thirds, and fourths.</p> <p>Lesson 29: Understand Partitioning Shapes into Halves, Thirds, and Fourths</p>
<p><i>Grade 2:</i> Lesson 29: Overview: TG pp. 717a–717b Explore: pp. 719–722; Develop: pp. 723–726; Refine: pp. 727–728</p>	<p>2.N.3.2 Construct equal-sized portions through fair sharing (length, set, and area models for halves, thirds, and fourths).</p> <p>Lesson 29: Understand Partitioning Shapes into Halves, Thirds, and Fourths</p>
<p><i>Grade 2:</i> Lesson 10: Overview: TG pp. 253a–253b Explore: pp. 255–258; Develop: pp. 259–276; Refine: pp. 277–282</p>	<p>2.N.4.1 Determine the value of a collection of coins up to one dollar using the cent symbol.</p> <p>Lesson 10: Solve Word Problems Involving Money</p>
<p><i>Grade 2:</i> Lesson 10: Overview: TG pp. 253a–253b Explore: pp. 255–258; Develop: pp. 259–276; Refine: pp. 277–282</p>	<p>2.N.4.2 Use a combination of coins to represent a given amount of money up to one dollar.</p> <p>Lesson 10: Solve Word Problems Involving Money</p>

<p><i>Grade 2:</i> Lesson 15: Overview: TG pp. 377a–377b Explore: pp. 379–382; Develop: pp. 383–394; Refine: pp. 395–400 Lesson 32: Overview: TG pp. 765a–765b Explore: pp. 767–770; Develop: pp. 771–776; Refine: pp. 777–782</p> <p><i>Grade 3:</i> Lesson 13: Overview: TG pp. 271a–271b Explore: pp. 273–276; Develop: pp. 277–280; Refine: pp. 281–282</p>	<p>2.A.1.1 Represent, create, describe, complete, and extend increasing and decreasing patterns with quantity and numbers in a variety of contexts.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 2:</i> Lesson 15: Mental Addition and Subtraction Lesson 32: Even and Odd Numbers</p> <p><i>Grade 3:</i> Lesson 13: Understand Patterns</p>
<p><i>Grade 4:</i> Lesson 9: Overview: TG pp. 169a–169b Explore: pp. 171–174; Develop: pp. 175–186; Refine: pp. 187–190</p>	<p>2.A.1.2 Represent and describe repeating patterns involving shapes in a variety of contexts.</p> <p><i>This standard is met in Grade 4:</i> Lesson 9: Number and Shape Patterns</p>
<p><i>Grade 2:</i> Lesson 16: Overview: TG pp. 401a–401b Explore: pp. 403–406; Develop: pp. 407–418; Refine: pp. 419–424 Lesson 17: Overview: TG pp. 425a–425b Explore: pp. 427–430; Develop: pp. 431–442; Refine: pp. 443–448 Lesson 18: Overview: TG pp. 449a–449b Explore: pp. 451–454; Develop: pp. 455–466; Refine: pp. 467–472 Lesson 19: Overview: TG pp. 473a–473b Explore: pp. 475–478; Develop: pp. 479–484; Refine: pp. 485–490</p>	<p>2.A.2.1 Use objects and number lines to represent number sentences.</p> <p>Lesson 16: Add Three-Digit Numbers Lesson 17: Subtract Three-Digit Numbers Lesson 18: Use Addition and Subtraction Strategies with Three-Digit Numbers Lesson 19: Add Several Two-Digit Numbers</p>
<p><i>Grade 2:</i> Lesson 16: Overview: TG pp. 401a–401b Explore: pp. 403–406; Develop: pp. 407–418; Refine: pp. 419–424 Lesson 17: Overview: TG pp. 425a–425b Explore: pp. 427–430; Develop: pp. 431–442; Refine: pp. 443–448 Lesson 18: Overview: TG pp. 449a–449b Explore: pp. 451–454; Develop: pp. 455–466; Refine: pp. 467–472 Lesson 19: Overview: TG pp. 473a–473b Explore: pp. 475–478; Develop: pp. 479–484; Refine: pp. 485–490</p>	<p>2.A.2.2 Generate models and situations to represent number sentences and vice versa.</p> <p>Lesson 16: Add Three-Digit Numbers Lesson 17: Subtract Three-Digit Numbers Lesson 18: Use Addition and Subtraction Strategies with Three-Digit Numbers Lesson 19: Add Several Two-Digit Numbers</p>

<p><i>Grade 2:</i> Lesson 3: Overview: TG pp. 51a–51b Explore: pp. 53–56; Develop: pp. 57–68; Refine: pp. 69–74 Lesson 5: Overview: TG pp. 99a–99b Explore: pp. 101–104; Develop: pp. 105–116; Refine: pp. 117–122 Lesson 9: Overview: TG pp. 223a–223b Explore: pp. 225–228; Develop: pp. 229–246; Refine: pp. 247–252 Lesson 10: Overview: TG pp. 253a–253b Explore: pp. 255–258; Develop: pp. 259–276; Refine: pp. 277–282</p>	<p>2.A.2.3 Apply the commutative property, identity property, and number sense to find values for unknowns that make addition and subtraction number sentences true or false.</p> <p>Lesson 3: Solve One-Step Word Problems Lesson 5: Solve Two-Step Word Problems Lesson 9: Solve Word Problems with Two-Digit Numbers Lesson 10: Solve Word Problems Involving Money</p>
<p><i>Grade 2:</i> Lesson 28: Overview: TG pp. 693a–693b Explore: pp. 695–698; Develop: pp. 699–710; Refine: pp. 711–716</p> <p><i>Grade 3:</i> Lesson 30: Overview: TG pp. 675a–675b Explore: pp. 677–680; Develop: pp. 681–684; Refine: pp. 685–686 Lesson 31: Overview: TG pp. 687a–687b Explore: pp. 689–692; Develop: pp. 693–704; Refine: pp. 705–708</p>	<p>2.GM.1.1 Recognize regular and irregular trapezoids and hexagons.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 2:</i> Lesson 28: Recognize and Draw Shapes</p> <p><i>Grade 3:</i> Lesson 30: Understand Categories of Shapes Lesson 31: Classify Quadrilaterals</p>
<p><i>Grade 2:</i> Lesson 28: Overview: TG pp. 693a–693b Explore: pp. 695–698; Develop: pp. 699–710; Refine: pp. 711–716</p> <p><i>Grade 3:</i> Lesson 30: Overview: TG pp. 675a–675b Explore: pp. 677–680; Develop: pp. 681–684; Refine: pp. 685–686 Lesson 31: Overview: TG pp. 687a–687b Explore: pp. 689–692; Develop: pp. 693–704; Refine: pp. 705–708</p>	<p>2.GM.1.2 Describe, compare, and classify two-dimensional figures according to their geometric attributes.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 2:</i> Lesson 28: Recognize and Draw Shapes</p> <p><i>Grade 3:</i> Lesson 30: Understand Categories of Shapes Lesson 31: Classify Quadrilaterals</p>

<p><i>Grade 1:</i> Lesson 22: Overview: TG pp. 557a–557d Explore: pp. 559–560; Develop: pp. 561–572; Refine: pp. 573–580</p> <p><i>Grade 2:</i> Lesson 28: Overview: TG pp. 693a–693b Explore: pp. 695–698; Develop: pp. 699–710; Refine: pp. 711–716</p>	<p>2.GM.1.3 Compose and decompose two-dimensional shapes using triangles, squares, hexagons, trapezoids, and rhombi.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 1:</i> Lesson 22: Shapes</p> <p><i>Grade 2:</i> Lesson 28: Recognize and Draw Shapes</p>
<p><i>Grade 2:</i> Lesson 28: Overview: TG pp. 693a–693b Explore: pp. 695–698; Develop: pp. 699–710; Refine: pp. 711–716</p>	<p>2.GM.1.4 Sort three-dimensional shapes based on attributes such as number of faces, vertices, and edges.</p> <p>Lesson 28: Recognize and Draw Shapes</p>
<p><i>Grade 3:</i> Lesson 30: Overview: TG pp. 675a–675b Explore: pp. 677–680; Develop: pp. 681–684; Refine: pp. 685–686 Lesson 31: Overview: TG pp. 687a–687b Explore: pp. 689–692; Develop: pp. 693–704; Refine: pp. 705–708</p>	<p>2.GM.1.5 Recognize right angles and classify angles as smaller or larger than a right angle.</p> <p><i>This standard is met in Grade 3:</i> Lesson 30: Understand Categories of Shapes Lesson 31: Classify Quadrilaterals</p>
<p><i>Grade 2:</i> Lesson 22: Overview: TG pp. 549a–549b Explore: pp. 551–554; Develop: pp. 555–558; Refine: pp. 559–560</p>	<p>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.</p> <p>Lesson 22: Understand Measurement with Different Units</p>
<p><i>Grade 2:</i> Lesson 20: Overview: TG pp. 507a–507b Explore: pp. 509–512; Develop: pp. 513–518; Refine: pp. 519–524 Lesson 21: Overview: TG pp. 525a–525b Explore: pp. 527–530; Develop: pp. 531–542; Refine: pp. 543–548</p>	<p>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.</p> <p>Lesson 20: Measure in Inches and Centimeters Lesson 21: Measure in Feet and Meters</p>
<p><i>Grade 3:</i> Lesson 28: Overview: TG pp. 615a–615b Explore: pp. 617–620; Develop: pp. 621–632; Refine: pp. 633–636</p>	<p>2.GM.2.3 Explore how varying shapes and styles of containers can have the same capacity.</p> <p><i>This standard is met in Grade 3:</i> Lesson 28: Liquid Volume</p>

<p><i>Grade 2:</i> Lesson 11: Overview: TG pp. 283a–283b Explore: pp. 285–288; Develop: pp. 289–294; Refine: pp. 296–300</p>	<p>2.GM.3.1 Distinguish between a.m. and p.m.</p> <p>Lesson 11: Tell and Write Time</p>
<p><i>Grade 2:</i> Lesson 11: Overview: TG pp. 283a–283b Explore: pp. 285–288; Develop: pp. 289–294; Refine: pp. 296–300</p>	<p>2.GM.3.2 Read and write time to the quarter hour on an analog and digital clock.</p> <p>Lesson 11: Tell and Write Time</p>
<p><i>Grade 2:</i> Lesson 4: Overview: TG pp. 75a–75b Explore: pp.77–80; Develop: pp.81–92; Refine: pp. 93–98</p>	<p>2.D.1.1 Explain that the length of a bar in a bar graph and the number of objects in a pictograph represents the number of data points for a given category.</p> <p>Lesson 4: Draw and Use Bar Graphs and Picture Graphs</p>
<p><i>Grade 2:</i> Lesson 4: Overview: TG pp. 75a–75b Explore: pp.77–80; Develop: pp.81–92; Refine: pp. 93–98</p> <p><i>Grade 3:</i> Lesson 19: Overview: TG pp. 413a–413b Explore: pp. 415–418; Develop: pp. 419–436; Refine: pp. 437–440</p>	<p>2.D.1.2 Organize a collection of data with up to four categories using pictographs and bar graphs in intervals of 1s, 2s, 5s or 10s.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 2:</i> Lesson 4: Draw and Use Bar Graphs and Picture Graphs</p> <p><i>Grade 3:</i> Lesson 19: Scaled Graphs</p>
<p><i>Grade 2:</i> Lesson 4: Overview: TG pp. 75a–75b Explore: pp.77–80; Develop: pp.81–92; Refine: pp. 93–98</p>	<p>2.D.1.3 Write and solve one-step word problems involving addition or subtraction using data represented within pictographs and bar graphs with intervals of one.</p> <p>Lesson 4: Draw and Use Bar Graphs and Picture Graphs</p>
<p><i>Grade 2:</i> Lesson 4: Overview: TG pp. 75a–75b Explore: pp.77–80; Develop: pp.81–92; Refine: pp. 93–98</p>	<p>2.D.1.4 Draw conclusions and make predictions from information in a pictograph and bar graph.</p> <p>Lesson 4: Draw and Use Bar Graphs and Picture Graphs</p>