

## 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):** 6

#### 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>
Grade 6: <b>Lesson 23:</b> Overview: TG pp. 541a–541b Explore: pp. 543–546; Develop: pp. 547–550; Refine: pp. 551–552	<b>6.N.1.1</b> Use manipulatives and models (e.g., number lines) to determine positive and negative numbers and their contexts, identify opposites, and explain the meaning of 0 (zero) in a variety of situations.  <b>Lesson 23:</b> Understand Positive and Negative Numbers
Grade 6: <b>Lesson 24:</b> Overview: TG pp. 553a–553b Explore: pp. 555–558; Develop: pp. 559–564; Refine: pp. 565–568	<b>6.N.1.2</b> Compare and order positive rational numbers, represented in various forms, or integers using the symbols "<", ">", and "=".  <b>Lesson 24:</b> Order Positive and Negative Numbers
Grade 6: <b>Lesson 17:</b> Overview: TG pp. 385a–385b Explore: pp. 387–390; Develop: pp. 391–394; Refine: pp. 395–396 <b>Lesson 18:</b> Overview: TG pp. 397a–397b Explore: pp. 399–402; Develop: pp. 403–414; Refine: pp. 415–418	<b>6.N.1.3</b> Explain that a percent represents parts “out of 100” and ratios “to 100.”  <b>Lesson 17:</b> Understand Percents <b>Lesson 18:</b> Use Percents to Solve Problems

<p><i>Grade 6:</i>  <b>Lesson 13:</b> Overview: TG pp. 279a–279b  Explore: pp. 281–284; Develop: pp. 285–302;  Refine: pp. 303–306  <b>Lesson 17:</b> Overview: TG pp. 397a–397b  Explore: pp. 399–402; Develop: pp. 403–414;  Refine: pp. 415–418</p>	<p><b>6.N.1.4</b> Determine equivalencies among fractions, mixed numbers, decimals, and percents.</p> <p><b>Lesson 13:</b> Find Equivalent Ratios  <b>Lesson 17:</b> Understand Percents</p>
<p><i>Grade 7:</i>  <b>Lesson 7:</b> Overview: TG pp. 135a–135b  Explore: pp. 137–140; Develop: pp. 141–144;  Refine: pp. 145–146  <b>Lesson 8:</b> Overview: TG pp. 147a–147b  Explore: pp. 149–152; Develop: pp. 153–164;  Refine: pp. 165–168  <b>Lesson 9:</b> Overview: TG pp. 169a–169b  Explore: pp. 171–174; Develop: pp. 175–178;  Refine: pp. 179–180  <b>Lesson 10:</b> Overview: TG pp. 181a–181b  Explore: pp. 183–186; Develop: pp. 187–198;  Refine: pp. 199–202</p>	<p><b>6.N.2.1</b> Estimate solutions for integer addition and subtraction of problems in order to assess the reasonableness of results.</p> <p><i>This standard is met in Grade 7:</i>  <b>Lesson 7:</b> Understand Addition with Negative Integers  <b>Lesson 8:</b> Add with Negative Numbers  <b>Lesson 9:</b> Understand Subtraction with Negative Integers  <b>Lesson 10:</b> Add and Subtract Positive and Negative Numbers</p>
<p><i>Grade 7:</i>  <b>Lesson 7:</b> Overview: TG pp. 135a–135b  Explore: pp. 137–140; Develop: pp. 141–144;  Refine: pp. 145–146  <b>Lesson 8:</b> Overview: TG pp. 147a–147b  Explore: pp. 149–152; Develop: pp. 153–164;  Refine: pp. 165–168  <b>Lesson 9:</b> Overview: TG pp. 169a–169b  Explore: pp. 171–174; Develop: pp. 175–178;  Refine: pp. 179–180  <b>Lesson 10:</b> Overview: TG pp. 181a–181b  Explore: pp. 183–186; Develop: pp. 187–198;  Refine: pp. 199–202</p>	<p><b>6.N.2.2</b> Illustrate addition and subtraction of integers using a variety of representations.</p> <p><i>This standard is met in Grade 7:</i>  <b>Lesson 7:</b> Understand Addition with Negative Integers  <b>Lesson 8:</b> Add with Negative Numbers  <b>Lesson 9:</b> Understand Subtraction with Negative Integers  <b>Lesson 10:</b> Add and Subtract Positive and Negative Numbers</p>
<p><i>Grade 7:</i>  <b>Lesson 7:</b> Overview: TG pp. 135a–135b  Explore: pp. 137–140; Develop: pp. 141–144;  Refine: pp. 145–146  <b>Lesson 8:</b> Overview: TG pp. 147a–147b  Explore: pp. 149–152; Develop: pp. 153–164;  Refine: pp. 165–168  <b>Lesson 9:</b> Overview: TG pp. 169a–169b  Explore: pp. 171–174; Develop: pp. 175–178;  Refine: pp. 179–180  <b>Lesson 10:</b> Overview: TG pp. 181a–181b  Explore: pp. 183–186; Develop: pp. 187–198;  Refine: pp. 199–202</p>	<p><b>6.N.2.3</b> Add and subtract integers in a variety of situations; use efficient and generalizable procedures including but not limited to standard algorithms.</p> <p><i>This standard is met in Grade 7:</i>  <b>Lesson 7:</b> Understand Addition with Negative Integers  <b>Lesson 8:</b> Add with Negative Numbers  <b>Lesson 9:</b> Understand Subtraction with Negative Integers  <b>Lesson 10:</b> Add and Subtract Positive and Negative Numbers</p>

<p><i>Grade 6:</i>  <b>Lesson 5:</b> Overview: TG pp. 85a–85b  Explore: pp. 87–90; Develop: pp. 91–102;  Refine: pp. 103–106</p>	<p><b>6.N.2.4</b> Identify and represent patterns with whole-number exponents and perfect squares. Evaluate powers with whole-number bases and exponents.</p> <p><b>Lesson 5:</b> Write and Evaluate Expressions with Exponents</p>
<p><i>Grade 4:</i>  <b>Lesson 8:</b> Overview: TG pp. 141a–141b  Explore: pp. 143–146; Develop: pp. 147–164;  Refine: pp. 165–168</p> <p><i>Grade 6:</i>  <b>Lesson 6:</b> Overview: TG pp. 107a–107b  Explore: pp. 109–112; Develop: pp. 113–124;  Refine: pp. 125–128</p>	<p><b>6.N.2.5</b> Factor whole numbers and express prime and composite numbers as a product of prime factors with exponents.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 4:</i>  <b>Lesson 8:</b> Multiples and Factors</p> <p><i>Grade 6:</i>  <b>Lesson 6:</b> Find Greatest Common Factor and Least Common Multiple</p>
<p><i>Grade 6:</i>  <b>Lesson 6:</b> Overview: TG pp. 107a–107b  Explore: pp. 109–112; Develop: pp. 113–124;  Refine: pp. 125–128  <b>Lesson 19:</b> Overview: TG pp. 435a–435b  Explore: pp. 437–440; Develop: pp. 441–458;  Refine: pp. 459–462</p>	<p><b>6.N.2.6</b> Determine the greatest common factors and least common multiples. Use common factors and multiples to calculate with fractions, find equivalent fractions, and express the sum of two-digit numbers with a common factor using the distributive property.</p> <p><b>Lesson 6:</b> Find Greatest Common Factor and Least Common Multiple  <b>Lesson 19:</b> Write and Identify Equivalent Expressions</p>
<p><i>Grade 6:</i>  <b>Lesson 12:</b> Overview: TG pp. 267a–267b  Explore: pp. 269–272; Develop: pp. 273–276;  Refine: pp. 277–278</p>	<p><b>6.N.3.1</b> Identify and use ratios to compare and relate quantities in multiple ways. Recognize that multiplicative comparison and additive comparison are different.</p> <p><b>Lesson 12:</b> Understand Ratio Concepts</p>
<p><i>Grade 6:</i>  <b>Lesson 15:</b> Overview: TG pp. 345a–345b  Explore: pp. 347–350; Develop: pp. 351–354;  Refine: pp. 355–356</p>	<p><b>6.N.3.2</b> Determine the unit rate for ratios.</p> <p><b>Lesson 15:</b> Understand Rate Concepts</p>

<p><i>Grade 6:</i>  <b>Lesson 13:</b> Overview: TG pp. 279a–279b  Explore: pp. 281–284; Develop: pp. 285–302;  Refine: pp. 303–306  <b>Lesson 14:</b> Overview: TG pp. 307a–307b  Explore: pp. 309–312; Develop: pp. 313–324;  Refine: pp. 325–328  <b>Lesson 16:</b> Overview: TG pp. 357a–357b  Explore: pp. 359–362; Develop: pp. 363–380;  Refine: pp. 381–384  <b>Lesson 17:</b> Overview: TG pp. 385a–385b  Explore: pp. 387–390; Develop: pp. 391–394;  Refine: pp. 395–396  <b>Lesson 18:</b> Overview: TG pp. 397a–397b  Explore: pp. 399–402; Develop: pp. 403–414;  Refine: pp. 415–418</p>	<p><b>6.N.3.3</b> Apply the relationship between ratios, equivalent fractions, unit rates, and percents to solve problems in various contexts.</p> <p><b>Lesson 13:</b> Find Equivalent Ratios  <b>Lesson 14:</b> Use Part-to-Part and Part-to-Whole Ratios  <b>Lesson 16:</b> Use Unit Rates to Solve Problems  <b>Lesson 17:</b> Understand Percents  <b>Lesson 18:</b> Use Percents to Solve Problems</p>
<p><i>Grade 5:</i>  <b>Lesson 20:</b> Overview: TG pp. 401a–401b  Explore: pp. 403–406; Develop: pp. 407–418;  Refine: pp. 419–422  <b>Lesson 22:</b> Overview: TG pp. 435a–435b  Explore: pp. 437–440; Develop: pp. 441–452;  Refine: pp. 453–456  <b>Lesson 24:</b> Overview: TG pp. 469a–469b  Explore: pp. 471–474; Develop: pp. 475–486;  Refine: pp. 487–490</p> <p><i>Grade 6:</i>  <b>Lesson 11:</b> Overview: TG pp. 229a–229b  Explore: pp. 231–234; Develop: pp. 235–246;  Refine: pp. 247–250</p>	<p><b>6.N.4.1</b> Estimate solutions to problems with whole numbers, decimals, fractions, and mixed numbers, and use the estimates to assess the reasonableness of results in the context of the problem.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 5:</i>  <b>Lesson 20:</b> Multiply Fractions to Find Area  <b>Lesson 22:</b> Multiply Fractions in Word Problems  <b>Lesson 24:</b> Divide Unit Fractions in Word Problems</p> <p><i>Grade 6:</i>  <b>Lesson 11:</b> Solve Volume Problems with Fractions</p>

<p><i>Grade 5:</i>  <b>Lesson 15:</b> Overview: TG pp. 307a–307b  Explore: pp. 309–312; Develop: pp. 313–318;  Refine: pp. 319–322  <b>Lesson 16:</b> Overview: TG pp. 323a–323b  Explore: pp. 325–328; Develop: pp. 329–340;  Refine: pp. 341–344  <b>Lesson 17:</b> Overview: TG pp. 345a–345b  Explore: pp. 347–350; Develop: pp. 351–368;  Refine: pp. 399–400  <b>Lesson 19:</b> Overview: TG pp. 389a–389b  Explore: pp. 391–394; Develop: pp. 395–398;  Refine: pp. 319–322  <b>Lesson 23:</b> Overview: TG pp. 457a–457b  Explore: pp. 459–462; Develop: pp. 463–466;  Refine: pp. 467–468</p>	<p><b>6.N.4.2</b> Illustrate multiplication and division of fractions and decimals to show connections to fractions, whole number multiplication, and inverse relationships.</p> <p><i>This standard is met in Grade 5:</i>  <b>Lesson 15:</b> Multiply a Decimal by a Whole Number  <b>Lesson 16:</b> Multiply Decimals  <b>Lesson 17:</b> Divide Decimals  <b>Lesson 19:</b> Understand Multiplication by a Fraction  <b>Lesson 23:</b> Understand Division with Unit Fractions</p>
<p><i>Grade 5:</i>  <b>Lesson 15:</b> Overview: TG pp. 307a–307b  Explore: pp. 309–312; Develop: pp. 313–318;  Refine: pp. 319–322  <b>Lesson 16:</b> Overview: TG pp. 323a–323b  Explore: pp. 325–328; Develop: pp. 329–340;  Refine: pp. 341–344  <b>Lesson 17:</b> Overview: TG pp. 345a–345b  Explore: pp. 347–350; Develop: pp. 351–368;  Refine: pp. 399–400  <b>Lesson 19:</b> Overview: TG pp. 389a–389b  Explore: pp. 391–394; Develop: pp. 395–398;  Refine: pp. 319–322  <b>Lesson 22:</b> Overview: TG pp. 435a–435b  Explore: pp. 437–440; Develop: pp. 441–452;  Refine: pp. 453–456  <b>Lesson 23:</b> Overview: TG pp. 457a–457b  Explore: pp. 459–462; Develop: pp. 463–466;  Refine: pp. 467–468  <b>Lesson 24:</b> Overview: TG pp. 469a–469b  Explore: pp. 471–474; Develop: pp. 475–486;  Refine: pp. 487–490</p> <p><i>Grade 6:</i>  <b>Lesson 7:</b> Overview: TG pp. 145a–145b  Explore: pp. 147–150; Develop: pp. 151–162;  Refine: pp. 163–166  <b>Lesson 8:</b> Overview: TG pp. 167a–167b  Explore: pp. 169–172; Develop: pp. 173–190;  Refine: pp. 191–194  <b>Lesson 9:</b> Overview: TG pp. 195a–195b  Explore: pp. 197–200; Develop: pp. 201–204;  Refine: pp. 205–206  <b>Lesson 10:</b> Overview: TG pp. 207a–207b</p>	<p><b>6.N.4.3</b> Multiply and divide fractions and decimals using efficient and generalizable procedures.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 5:</i>  <b>Lesson 15:</b> Multiply a Decimal by a Whole Number  <b>Lesson 16:</b> Multiply Decimals  <b>Lesson 17:</b> Divide Decimals  <b>Lesson 19:</b> Understand Multiplication by a Fraction  <b>Lesson 22:</b> Multiply Fractions in Word Problems  <b>Lesson 23:</b> Understand Division with Unit Fractions  <b>Lesson 24:</b> Divide Unit Fractions in Word Problems</p> <p><i>Grade 6:</i>  <b>Lesson 7:</b> Add, Subtract, and Multiply Multi-Digit Decimals  <b>Lesson 8:</b> Divide Whole Numbers and Multi-Digit Decimals  <b>Lesson 9:</b> Understand Division with Fractions  <b>Lesson 10:</b> Divide Fractions</p>

Explore: pp. 209–212; Develop: pp. 213–224; Refine: pp. 225–228	
<p><i>Grade 6:</i>  <b>Lesson 1:</b> Overview: TG pp. 3a–3b  Explore: pp. 5–8; Develop: pp. 9–14; Refine: pp. 15–18  <b>Lesson 2:</b> Overview: TG pp. 19a–19b  Explore: pp. 21–24; Develop: pp. 25–36;  Refine: pp. 37–40  <b>Lesson 11:</b> Overview: TG pp. 229a–229b  Explore: pp. 231–234; Develop: pp. 235–246;  Refine: pp. 247–250  <b>Lesson 16:</b> Overview: TG pp. 357a–357b  Explore: pp. 359–362; Develop: pp. 363–380;  Refine: pp. 381–384  <b>Lesson 18:</b> Overview: TG pp. 397a–397b  Explore: pp. 399–402; Develop: pp. 403–414;  Refine: pp. 415–418  <b>Lesson 32:</b> Overview: TG pp. 715a–715b  Explore: pp. 717–720; Develop: pp. 721–732;  Refine: pp. 733–736</p>	<p><b>6.N.4.4</b> Use mathematical modeling to solve and interpret problems including money, measurement, geometry, and data requiring arithmetic with decimals, fractions and mixed numbers.</p> <p><b>Lesson 1:</b> Find the Area of a Parallelogram  <b>Lesson 2:</b> Find the Area of Triangles and Other Polygons  <b>Lesson 11:</b> Solve Volume Problems with Fractions  <b>Lesson 16:</b> Use Unit Rates to Solve Problems  <b>Lesson 18:</b> Use Percents to Solve Problems  <b>Lesson 32:</b> Interpret Mean and Mean Absolute Deviation</p>
<p><i>Grade 6:</i>  <b>Lesson 27:</b> Overview: TG pp. 609a–609b  Explore: pp. 611–614; Develop: pp. 615–618;  Refine: pp. 619–620</p>	<p><b>6.A.1.1</b> Plot integer- and rational-valued (limited to halves and fourths) ordered-pairs as coordinates in all four quadrants and recognize the reflective relationships among coordinates that differ only by their signs.</p> <p><b>Lesson 27:</b> Understand the Four-Quadrant Coordinate Plane</p>
<p><i>Grade 6:</i>  <b>Lesson 22:</b> Overview: TG pp. 503a–503b  Explore: pp. 505–508; Develop: pp. 509–520;  Refine: pp. 521–524</p>	<p><b>6.A.1.2</b> Represent relationships between two varying positive quantities involving no more than two operations with rules, graphs, and tables; translate between any two of these representations.</p> <p><b>Lesson 22:</b> Analyze Two-Variable Relationships</p>

<p><i>Grade 6:</i>  <b>Lesson 4:</b> Overview: TG pp. 63a–63b  Explore: pp. 65–68; Develop: pp. 91–102;  Refine: pp. 103–106  <b>Lesson 5:</b> Overview: TG pp. 85a–85b  Explore: pp. 87–90; Develop: pp. 69–80;  Refine: pp. 82–84  <b>Lesson 20:</b> Overview: TG pp. 463a–463b  Explore: pp. 465–468; Develop: pp. 469–472;  Refine: pp. 473–474  <b>Lesson 21:</b> Overview: TG pp. 475a–475b  Explore: pp. 477–480; Develop: pp. 481–498;  Refine: pp. 499–502  <b>Lesson 26:</b> Overview: TG pp. 581a–581b  Explore: pp. 583–586; Develop: pp. 587–604;  Refine: pp. 605–608</p>	<p><b>6.A.1.3</b> Use and evaluate variables in expressions, equations, and inequalities that arise from various contexts, including determining when or if, for a given value of the variable, an equation or inequality involving a variable is true or false.</p> <p><b>Lesson 4:</b> Work with Algebraic Expressions  <b>Lesson 5:</b> Write and Evaluate Expressions with Exponents  <b>Lesson 20:</b> Understand Solutions of Equations  <b>Lesson 21:</b> Write and Solve One-Variable Equations  <b>Lesson 26:</b> Write and Graph One-Variable Inequalities</p>
<p><i>Grade 6:</i>  <b>Lesson 19:</b> Overview: TG pp. 435a–435b  Explore: pp. 437–440; Develop: pp. 441–458;  Refine: pp. 459–462</p> <p><i>Grade 7:</i>  <b>Lesson 15:</b> Overview: TG pp. 307a–307b  Explore: pp. 309–312; Develop: pp. 313–324;  Refine: pp. 325–328</p>	<p><b>6.A.2.1</b> Generate equivalent expressions and evaluate expressions involving positive rational numbers by applying the commutative, associative, and distributive properties and order of operations to model and solve mathematical problems.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 6:</i>  <b>Lesson 19:</b> Write and Identify Equivalent Expressions</p> <p><i>Grade 7:</i>  <b>Lesson 15:</b> Write Equivalent Expressions Involving Rational Numbers</p>

<p><i>Grade 6:</i>  <b>Lesson 4:</b> Overview: TG pp. 63a–63b  Explore: pp. 65–68; Develop: pp. 91–102;  Refine: pp. 103–106  <b>Lesson 5:</b> Overview: TG pp. 85a–85b  Explore: pp. 87–90; Develop: pp. 69–80;  Refine: pp. 82–84  <b>Lesson 21:</b> Overview: TG pp. 475a–475b  Explore: pp. 477–480; Develop: pp. 481–498;  Refine: pp. 499–502  <b>Lesson 26:</b> Overview: TG pp. 581a–581b  Explore: pp. 583–586; Develop: pp. 587–604;  Refine: pp. 605–608</p> <p><i>Grade 7:</i>  <b>Lesson 15:</b> Overview: TG pp. 307a–307b  Explore: pp. 309–312; Develop: pp. 313–324;  Refine: pp. 325–328  <b>Lesson 18:</b> Overview: TG pp. 353a–353b  Explore: pp. 355–358; Develop: pp. 359–370;  Refine: pp. 371–374  <b>Lesson 19:</b> Overview: TG pp. 375a–375b  Explore: pp. 377–380; Develop: pp. 381–398;  Refine: pp. 399–402</p>	<p><b>6.A.3.1</b> Model mathematical situations using expressions, equations and inequalities involving variables and rational numbers.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 6:</i>  <b>Lesson 4:</b> Work with Algebraic Expressions  <b>Lesson 5:</b> Write and Evaluate Expressions with Exponents  <b>Lesson 21:</b> Write and Solve One-Variable Equations  <b>Lesson 26:</b> Write and Graph One-Variable Inequalities</p> <p><i>Grade 7:</i>  <b>Lesson 15:</b> Write Equivalent Expressions Involving Rational Numbers  <b>Lesson 18:</b> Write and Solve Multi-Step Equations  <b>Lesson 19:</b> Write and Solve Inequalities</p>
<p><b>Lesson 20:</b> Overview: TG pp. 463a–463b  Explore: pp. 465–468; Develop: pp. 469–472;  Refine: pp. 473–474  <b>Lesson 21:</b> Overview: TG pp. 475a–475b  Explore: pp. 477–480; Develop: pp. 481–498;  Refine: pp. 499–502</p>	<p><b>6.A.3.2</b> Use number sense and properties of operations and equality to model and solve mathematical problems involving equations in the form <math>x + p = q</math> and <math>px = q</math>, where <math>p</math> and <math>q</math> are nonnegative rational numbers. Graph the solution on a number line, interpret the solution in the original context, and assess the reasonableness of the solution.</p> <p><b>Lesson 20:</b> Understand Solutions of Equations  <b>Lesson 21:</b> Write and Solve One-Variable Equations</p> <p><i>Note: The lessons cited use bar models and hanger diagrams to represent equations. Students may access number lines from the Math Toolkit.</i></p>
<p><i>Grade 8:</i>  <b>Lesson 1:</b> Overview: TG pp. 3a–3b  Explore: pp. 5–8; Develop: pp. 9–12;  Refine: pp. 13–14</p>	<p><b>6.GM.1.1</b> Predict, describe, and apply translations (slides), reflections (flips), and rotations (turns) to a two-dimensional figure.</p> <p><i>This standard is met in Grade 8:</i>  <b>Lesson 1:</b> Understand Rigid Transformations and Their Properties</p>



<p><i>Grade 8:</i>  <b>Lesson 2:</b> Overview: TG pp. 15a–15b  Explore: pp. 17–20; Develop: pp. 21–38;  Refine: pp. 39–42  <b>Lesson 3:</b> Overview: TG pp. 43a–43b  Explore: pp. 45–48; Develop: pp. 49–60;  Refine: pp. 61–64</p>	<p><b>6.GM.1.2</b> Recognize that translations, reflections, and rotations preserve congruence and use them to show that two figures are congruent.</p> <p><i>This standard is met in Grade 8:</i>  <b>Lesson 2:</b> Work with Single Rigid Transformations in the Coordinate Plane  <b>Lesson 3:</b> Work with Sequences of Transformations and Congruence</p>
<p><i>Grade 4:</i>  <b>Lesson 34:</b> Overview: TG pp. 743a–743b  Explore: pp. 745–748; Develop: pp. 749–754;  Refine: pp. 755–758</p>	<p><b>6.GM.1.3</b> Identify and describe the line(s) of symmetry in two-dimensional shapes.</p> <p><i>This standard is met in Grade 4:</i>  <b>Lesson 34:</b> Symmetry</p>
<p><i>Grade 6:</i>  <b>Lesson 1:</b> Overview: TG pp. 3a–3b  Explore: pp. 5–8; Develop: pp. 9–14; Refine: pp. 15–18  <b>Lesson 2:</b> Overview: TG pp. 19a–19b  Explore: pp. 21–24; Develop: pp. 25–36;  Refine: pp. 37–40</p>	<p><b>6.GM.2.1</b> Develop and use formulas for the area of squares and parallelograms using a variety of methods including but not limited to the standard algorithms and finding unknown measures.</p> <p><b>Lesson 1:</b> Find the Area of a Parallelogram  <b>Lesson 2:</b> Find the Area of Triangles and Other Polygons</p>
<p><i>Grade 6:</i>  <b>Lesson 1:</b> Overview: TG pp. 3a–3b  Explore: pp. 5–8; Develop: pp. 9–14; Refine: pp. 15–18  <b>Lesson 2:</b> Overview: TG pp. 19a–19b  Explore: pp. 21–24; Develop: pp. 25–36;  Refine: pp. 37–40</p>	<p><b>6.GM.2.2</b> Develop and use formulas to determine the area of triangles and find unknown measures.</p> <p><b>Lesson 1:</b> Find the Area of a Parallelogram  <b>Lesson 2:</b> Find the Area of Triangles and Other Polygons</p>
<p><i>Grade 6:</i>  <b>Lesson 1:</b> Overview: TG pp. 3a–3b  Explore: pp. 5–8; Develop: pp. 9–14; Refine: pp. 15–18  <b>Lesson 2:</b> Overview: TG pp. 19a–19b  Explore: pp. 21–24; Develop: pp. 25–36;  Refine: pp. 37–40</p>	<p><b>6.GM.2.3</b> Find the area of right triangles, other triangles, special quadrilaterals, and polygons that can be decomposed into triangles and other shapes.</p> <p><b>Lesson 1:</b> Find the Area of a Parallelogram  <b>Lesson 2:</b> Find the Area of Triangles and Other Polygons</p>

<p><i>Grade 7:</i>  <b>Lesson 28:</b> Overview: TG pp. 607a–607b  Explore: pp. 609–612; Develop: pp. 613–624;  Refine: pp. 625–628</p>	<p><b>6.GM.3.1</b> Solve problems using the relationships between the angles (vertical, complementary, and supplementary) formed by intersecting lines.</p> <p><i>This standard is met in Grade 7:</i>  <b>Lesson 28:</b> Find Unknown Angle Measures</p>
<p><i>Grade 8:</i>  <b>Lesson 6:</b> Overview: TG pp. 115a–115b  Explore: pp. 117–120; Develop: pp. 121–132;  Refine: pp. 133–136  <b>Lesson 7:</b> Overview: TG pp. 137a–137b  Explore: pp. 139–142; Develop: pp. 143–154;  Refine: pp. 155–158</p>	<p><b>6.GM.3.2</b> Develop and use the fact that the sum of the interior angles of a triangle is <math>180^\circ</math> to determine missing angle measures in a triangle.</p> <p><i>This standard is met in Grade 8:</i>  <b>Lesson 6:</b> Describe Angle Relationships  <b>Lesson 7:</b> Describe Angle Relationships in Triangles</p>
<p><i>Grade 5:</i>  <b>Lesson 25:</b> Overview: TG pp. 507a–507b  Explore: pp. 509–512; Develop: pp. 513–524;  Refine: pp. 525–528  <b>Lesson 26:</b> Overview: TG pp. 529a–529b  Explore: pp. 531–534; Develop: pp. 535–546;  Refine: pp. 547–550</p> <p><i>Grade 6:</i>  <b>Lesson 11:</b> Overview: TG pp. 229a–229b  Explore: pp. 231–234; Develop: pp. 235–246;  Refine: pp. 247–250</p>	<p><b>6.GM.4.1</b> Estimate weights and capacities using benchmarks in customary and metric measurement systems with appropriate units.</p> <p><i>This standard is met through lessons across several texts.</i></p> <p><i>Grade 5:</i>  <b>Lesson 25:</b> Convert Measurement Units  <b>Lesson 26:</b> Solve Word Problems Involving Conversions</p> <p><i>Grade 6:</i>  <b>Lesson 11:</b> Solve Volume Problems with Fractions</p>
<p><i>Grade 5:</i>  <b>Lesson 25:</b> Overview: TG pp. 507a–507b  Explore: pp. 509–512; Develop: pp. 513–524;  Refine: pp. 525–528  <b>Lesson 26:</b> Overview: TG pp. 529a–529b  Explore: pp. 531–534; Develop: pp. 535–546;  Refine: pp. 547–550</p>	<p><b>6.GM.4.2</b> Solve problems that require the conversion of lengths within the same measurement systems using appropriate units.</p> <p><i>This standard is met in Grade 5:</i>  <b>Lesson 25:</b> Convert Measurement Units  <b>Lesson 26:</b> Solve Word Problems Involving Conversions</p>
<p><i>Grade 6:</i>  <b>Lesson 31:</b> Overview: TG pp. 693a–693b  Explore: pp. 695–698; Develop: pp. 699–710;  Refine: pp. 711–714  <b>Lesson 32:</b> Overview: TG pp. 715a–715b  Explore: pp. 717–720; Develop: pp. 721–732;  Refine: pp. 733–736</p>	<p><b>6.D.1.1</b> Interpret the mean, median, and mode for a set of data.</p> <p><b>Lesson 31:</b> Interpret Median and Interquartile Range in Box Plots  <b>Lesson 32:</b> Interpret Mean and Mean Absolute Deviation</p>

<p><i>Grade 6:</i>  <b>Lesson 33:</b> Overview: TG pp. 737a–737b  Explore: pp. 739–742; Develop: pp. 743–748;  Refine: pp. 749–752</p>	<p><b>6.D.1.2</b> Explain and justify which measure of center (mean, median, or mode) would provide the most descriptive information for a given set of data.</p> <p><b>Lesson 33:</b> Use Measures of Center and Variability to Summarize Data</p>
<p><i>Grade 7:</i>  <b>Lesson 30:</b> Overview: TG pp. 673a–673b  Explore: pp. 675–678; Develop: pp. 679–682;  Refine: pp. 683–684</p>	<p><b>6.D.2.1</b> Represent possible outcomes using a probability continuum from impossible to certain.</p> <p><i>This standard is met in Grade 7:</i>  <b>Lesson 30:</b> Understand Probability</p>
<p><i>Grade 7:</i>  <b>Lesson 32:</b> Overview: TG pp. 707a–707b  Explore: pp. 709–712; Develop: pp. 713–724;  Refine: pp. 725–728  <b>Lesson 33:</b> Overview: TG pp. 729a–729b  Explore: pp. 731–734; Develop: pp. 735–752;  Refine: pp. 753–756</p>	<p><b>6.D.2.2</b> Determine the sample space for a given experiment and determine which members of the sample space are related to certain events. Sample space may be determined by the use of tree diagrams, tables or pictorial representations.</p> <p><i>This standard is met in Grade 7:</i>  <b>Lesson 32:</b> Solve Problems Involving Probability Models  <b>Lesson 33:</b> Solve Problems Involving Compound Events</p>
<p><i>Grade 7:</i>  <b>Lesson 31:</b> Overview: TG pp. 685a–685b  Explore: pp. 687–690; Develop: pp. 691–702;  Refine: pp. 703–706  <b>Lesson 32:</b> Overview: TG pp. 707a–707b  Explore: pp. 709–712; Develop: pp. 713–724;  Refine: pp. 725–728</p>	<p><b>6.D.2.3</b> Demonstrate simple experiments in which the probabilities are known and compare the resulting relative frequencies with the known probabilities, recognizing that there may be differences between the two results.</p> <p><i>This standard is met in Grade 7:</i>  <b>Lesson 31:</b> Solve Problems Involving Experimental Probability  <b>Lesson 32:</b> Solve Problems Involving Probability Models</p>