

Course Overview	Bluebonnet Math Grade 6 is a rigorous, TEKS-aligned course designed to develop strong foundations in numerical reasoning, proportional relationships, and early algebraic thinking. Students explore ratios, rational numbers, expressions, geometry, and statistical reasoning while making connections across visual, numerical, and symbolic representations. The course emphasizes mathematical reasoning, problem solving, and academic discourse through purposeful tasks and real-world contexts. Instruction intentionally balances conceptual understanding with fluency practice to build accuracy, flexibility, and confidence. Through coherent lessons and ongoing formative assessment, students develop the skills necessary for success on the STAAR exam and future secondary mathematics coursework.
Course Standards	6th Grade Math TEKS ; Lead4Ward Snapshot
Instructional Materials	Bluebonnet Learning Secondary Mathematics, Grade 6

Scope & Sequence

Units/Modules & Instructional Days	Assessments & Scanning Deadlines	Standards
Module 1, Topic 1 <i>Factors and Multiples</i> 13 Days	Module 1, Topic 1 Assessment <i>TX_MAT_6thMath_F26_A1</i> <u>Scanning Deadline:</u> September 10, 2026	6.2D: order a set of rational numbers arising from mathematical and real-world contexts; 6.2E: extend representations for division to include fraction notation such as a/b represents the same number as $a \div b$ where $b \neq 0$; 6.3A: recognize that dividing by a rational number and multiplying by its reciprocal result in equivalent values; 6.3B: determine, with and without computation, whether a quantity is increased or decreased when multiplied by a fraction, including values greater than or less than one; 6.3E: multiply and divide positive rational numbers fluently; 6.4F: represent benchmark fractions and percents such as 1%, 10%, 25%, 33 $\frac{1}{3}$ %, and multiples of these values using 10 by 10 grids, strip diagrams, number lines, and numbers; 6.5C: use equivalent fractions, decimals, and percents to show equal parts of the same whole; 6.7A: generate equivalent numerical expressions using order of operations, including whole number exponents and prime factorization; 6.7D: generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties; and 6.8D: determine solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers.
Module 1, Topic 2 <i>Shapes and Solids</i> 9 Days	Module 1, Topic 2 Assessment <i>TX_MAT_6thMath_F26_A2</i> <u>Scanning Deadline:</u> September 24, 2026	6.8A: extend previous knowledge of triangles and their properties to include the sum of angles of a triangle, the relationship between the lengths of sides and measures of angles in a triangle, and determining when three lengths form a triangle; 6.8B: model area formulas for parallelograms, trapezoids, and triangles by decomposing and rearranging parts of these shapes; 6.8C: write equations that represent problems related to the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers; and 6.8D: determine solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers.

Module 1, Topic 3 <i>Decimals</i> 5 Days	Module 1, Topic 3 Assessment <i>TX_MAT_6thMath_F26_A3</i> <u>Scanning Deadline:</u> October 1, 2026	6.2C: locate, compare, and order integers and rational numbers using a number line; 6.2D: order a set of rational numbers arising from mathematical and real-world contexts; 6.3E: multiply and divide positive rational numbers fluently; and 6.8D: determine solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers.
Module 2, Topic 1 <i>Ratios and Rates</i> 17 Days	Module 2, Topic 1 Assessment <i>TX_MAT_6thMath_F26_A4</i> <u>Scanning Deadline:</u> October 29, 2026	6.4A: compare two rules verbally, numerically, graphically, and symbolically in the form of $y = ax$ or $y = x + a$ in order to differentiate between additive and multiplicative relationships; 6.4B: apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates; 6.4C: give examples of ratios as multiplicative comparisons of two quantities describing the same attribute; 6.4D: give examples of rates as the comparison by division of two quantities having different attributes, including rates as quotients; 6.4E: represent ratios and percents with concrete models, fractions, and decimals; 6.5A: represent mathematical and real-world problems involving ratios and rates using scale factors, tables, graphs, and proportions 6.5C: use equivalent fractions, decimals, and percents to show equal parts of the same whole; and 6.6C: represent a given situation using verbal descriptions, tables, graphs, and equations in the form $y = kx$ or $y = x + b$.
Module 2, Topic 2 <i>Percents</i> 7 Days	Module 2, Topic 2 Assessment <i>TX_MAT_6thMath_F26_A5</i> <u>Scanning Deadline:</u> November 5, 2026	6.2C: locate, compare, and order integers and rational numbers using a number line; 6.2D: order a set of rational numbers arising from mathematical and real-world contexts; 6.3E: multiply and divide positive rational numbers fluently; 6.4E: represent ratios and percents with concrete models, fractions, and decimals; 6.4F: represent benchmark fractions and percents such as 1%, 10%, 25%, 33 1/3%, and multiples of these values using 10 by 10 grids, strip diagrams, number lines, and numbers; 6.4G: generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money; 6.5B: solve real-world problems to find the whole given a part and the percent, to find the part given the whole and the percent, and to find the percent given the part and the whole, including the use of concrete and pictorial models; and 6.5C: use equivalent fractions, decimals, and percents to show equal parts of the same whole.
Module 2, Topic 3 <i>Unit Rates and Conversions</i> 10 Days	Module 2, Topic 3 Assessment <i>TX_MAT_6thMath_F26_A6</i> <u>Scanning Deadline:</u> November 19, 2026	6.4B: apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates 6.4D: give examples of rates as the comparison by division of two quantities having different attributes, including rates as quotients 6.5A: represent mathematical and real-world problems involving ratios and rates using scale factors, tables, graphs, and proportions 6.4H: convert units within a measurement system, including the use of proportions and unit rates

Module 3 Topic 1 <i>Signed Numbers and the Four Quadrants</i> 9 Days	Module 3, Topic 1 Assessment <i>TX_MAT_6thMath_F26_A7</i> <u>Scanning Deadline:</u> December 10, 2026	6.2A: classify whole numbers, integers, and rational numbers using a visual representation such as a Venn diagram to describe relationships between sets of numbers 6.2B: identify a number, its opposite, and its absolute value 6.2C: locate, compare, and order integers and rational numbers using a number line 6.2D: order a set of rational numbers arising from mathematical and real-world contexts 6.11A: graph points in all four quadrants using ordered pairs of rational numbers
Fall IA Window: December 14-18, 2026 Scanning Deadline: December 18, 2026		
Module 3 Topic 2 <i>Operating with Integers</i> 12 Days	Module 3, Topic 2 Assessment <i>TX_MAT_6thMath_S27_A8</i> <u>Scanning Deadline:</u> January 14, 2027	6.3C: represent integer operations with concrete models and connect the actions with the models to standardized algorithms; and 6.3D: add, subtract, multiply, and divide integers fluently.
Module 4 Topic 1 <i>Expressions</i> 10 Days	Module 4, Topic 1 Assessment <i>TX_MAT_6thMath_S27_A9</i> <u>Scanning Deadline:</u> January 28, 2027	6.3D: add, subtract, multiply, and divide integers fluently; 6.7A: generate equivalent numerical expressions using order of operations, including whole number exponents and prime factorization; 6.7B: distinguish between expressions and equations verbally, numerically, and algebraically; 6.7C: determine if two expressions are equivalent using concrete models, pictorial models, and algebraic representations; and 6.7D: generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties.
Module 4 Topic 2 <i>Equations and Inequalities</i> 17 Days	Module 4, Topic 2 Assessment <i>TX_MAT_6thMath_S27_A10</i> <u>Scanning Deadline:</u> February 18, 2027	6.3D: add, subtract, multiply, and divide integers fluently; 6.7B: distinguish between expressions and equations verbally, numerically, and algebraically; 6.7D: generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties; 6.8C: write equations that represent problems related to the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers; 6.8D: determine solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers. 6.9A: write one-variable, one-step equations and inequalities to represent constraints or conditions within problems; 6.9B: represent solutions for one-variable, one-step equations and inequalities on number lines; 6.9C: write corresponding real-world problems given one-variable, one-step equations or inequalities; 6.10A: model and solve one-variable, one-step equations and inequalities that represent problems, including geometric concepts; and 6.10B: determine if the given value(s) make(s) one-variable, one-step equations or inequalities true.
HOU & PB Spring IA Window: February 26 – March 4, 2027 Scanning Deadline: March 4, 2027 SA Spring IA Window: March 1-5 2027 Scanning Deadline: March 5, 2027 AUS, EP, RGV, & TACO Spring IA Window: March 5-11, 2027 Scanning Deadline: March 11, 2027		

<p>Module 4 Topic 3 <i>Graphing Quantitative Relationships</i></p> <p>11 Days</p>	<p>Module 4, Topic 3 Assessment TX_MAT_6thMath_S27_A11</p> <p><u>Scanning Deadline:</u> March 18, 2027</p>	<p>6.5A: represent mathematical and real-world problems involving ratios and rates using scale factors, tables, graphs, and proportions;</p> <p>6.6A: identify independent and dependent quantities from tables and graphs;</p> <p>6.6B: write an equation that represents the relationship between independent and dependent quantities from a table; and</p> <p>6.6C: represent a given situation using verbal descriptions, tables, graphs, and equations in the form $y = kx$ or $y = x + b$;</p> <p>6.11A: graph points in all four quadrants using ordered pairs of rational numbers.</p>
<p>Module 4 Topic 4 <i>Financial Literacy: Accounts, Credit, and Careers</i></p> <p>8 Days (continued on the next page)</p>	<p>Module 4, Topic 4 Assessment TX_MAT_6thMath_S27_A12</p> <p><u>Scanning Deadline:</u> March 25, 2027</p>	<p>6.14A: compare the features and costs of a checking account and a debit card offered by different local financial institutions;</p> <p>6.14B: distinguish between debit cards and credit cards;</p> <p>6.14C: balance a check register that includes deposits, withdrawals, and transfers;</p> <p>6.14D: explain why it is important to establish a positive credit history;</p> <p>6.14E: describe the information in a credit report and how long it is retained;</p> <p>6.14F: describe the value of credit reports to borrowers and to lenders;</p> <p>6.14G: explain various methods to pay for college, including through savings, grants, scholarships, student loans, and work-study; and</p> <p>6.14H: compare the annual salary of several occupations requiring various levels of post-secondary education or vocational training and calculate the effects of the different annual salaries on lifetime income.</p>
<p>Module 5 Topic 1 <i>The Statistical Process</i></p> <p>10 Days</p>	<p>Module 5, Topic 1 Assessment TX_MAT_6thMath_S27_A13</p> <p><u>Scanning Deadline:</u> April 8, 2027</p>	<p>6.12A: represent numeric data graphically, including dot plots, stem-and-leaf plots, histograms, and box plots;</p> <p>6.12B: use the graphical representation of numeric data to describe the center, spread, and shape of the data distribution;</p> <p>6.12D: summarize categorical data with numerical and graphical summaries, including the mode, the percent of values in each category (relative frequency table), and the percent bar graph, and use these summaries to describe the data distribution;</p> <p>6.13A: interpret numeric data summarized in dot plots, stem-and-leaf plots, histograms, and box plots; and</p> <p>6.13B: distinguish between situations that yield data with and without variability.</p>
<p>Module 5 Topic 2 <i>Numerical Summaries of Data</i></p> <p>8 Days</p>	<p>Module 5, Topic 2 Assessment TX_MAT_6thMath_S27_A14</p> <p><u>Scanning Deadline:</u> April 22, 2027</p>	<p>6.12A: represent numeric data graphically, including dot plots, stem-and-leaf plots, histograms, and box plots;</p> <p>6.12B: use the graphical representation of numeric data to describe the center, spread, and shape of the data distribution;</p> <p>6.12C: summarize numeric data with numerical summaries, including the mean and median (measures of center) and the range and interquartile range (IQR) (measures of spread), and use these summaries to describe the center, spread, and shape of the data distribution;</p> <p>6.12D: summarize categorical data with numerical and graphical summaries, including the mode, the percent of values in each category (relative frequency table), and the percent bar graph, and use these summaries to describe the data distribution;</p> <p>6.13A: interpret numeric data summarized in dot plots, stem-and-leaf plots, histograms, and box plots.</p>

STAAR Math Window: April 19-30, 2027

Performance Tasks 1-3

18 days

- 6.3E:** multiply and divide positive rational numbers fluently;
- 6.4B:** apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates;
- 6.5A:** represent mathematical and real-world problems involving ratios and rates using scale factors, tables, graphs, and proportions;
- 6.5B:** solve real-world problems to find the whole given a part and the percent, to find the part given the whole and the percent, and to find the percent given the part and the whole, including the use of concrete and pictorial models;
- 6.9A:** write one-variable, one-step equations and inequalities to represent constraints or conditions within problems;
- 6.10A:** model and solve one-variable, one-step equations and inequalities that represent problems, including geometric concepts.

TEKS Alignment

Instruction in this course is aligned to the Texas Essential Knowledge and Skills (TEKS) as adopted by the State Board of Education and implemented in accordance with Texas Education Code Chapter 28.

Instructional Materials

Primary Texts (if applicable)

Supplemental instructional materials may be used to support instruction. Supplemental materials do not replace board-approved core instructional materials.

Additional information regarding instructional programs, assessments, and parent access to instructional materials is available on the district website.

Instructional Expectations

Instruction is delivered using board-approved instructional materials and aligned to the scope and sequence outlined above. Teachers are expected to ensure all required standards are taught within the course timeframe.

Assessment Overview

Student learning is monitored through formative and summative assessments aligned to course standards. Assessment results are used to inform instruction and student supports. Students participate in required state assessments when applicable.