

Course Overview	In this course, students will strengthen their math skills and become more confident problem solvers. Students will learn how to make sense of real-world situations using numbers, expressions, and visual models, while also explaining their thinking clearly. They'll build persistence by working through challenging problems and learning from mistakes. These skills matter because they support success in future math classes and help students make informed decisions in everyday life.
Course Standards	7th Grade Texas Essential Knowledge and Skills (TEKS) ; Lead4Ward Snapshot
Instructional Materials	Bluebonnet Learning Secondary Mathematics: Grade 7

Scope & Sequence

Units/Modules & Instructional Days	Assessments & Scanning Deadlines	Standards
Module 1, Topic 1 <i>Circles and Ratios</i> 11 days	Module 1, Topic 1 Exam TX_MAT_7thMath_F26_A1 <u>Scanning Deadline:</u> September 3, 2026	7.4B: represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including $d = rt$; 7.5B: describe π as the ratio of the circumference of a circle to its diameter; 7.6D: make predictions and determine solutions using theoretical probability for simple and compound events; 7.8C: use models to determine the approximate formulas for the circumference and area of a circle and connect the models to the actual formulas. 7.9B: determine the circumference and area of circles; and 7.9C: determine the area of composite figures containing combinations of rectangles, squares, parallelograms, trapezoids, triangles, semicircles, and quarter circles.
Module 1, Topic 2 <i>Fractional Rates</i> 8 days	Module 1, Topic 2 Exam TX_MAT_7thMath_F26_A2 <u>Scanning Deadline:</u> September 17, 2026	7.4B: represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including $d = rt$; 7.4D: solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease, and financial literacy problems; and 7.4E: convert between measurement systems, including the use of proportions and the use of unit rates.
Module 1, Topic 3 <i>Proportionality</i> 13 days	Module 1, Topic 3 Exam TX_MAT_7thMath_F26_A3 <u>Scanning Deadline:</u> October 1, 2026	7.4A: represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including $d = rt$; 7.4C: determine the constant of proportionality ($k = y/x$) within mathematical and real-world problems; and 7.4D: solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease, and financial literacy problems.
Module 2, Topic 1 <i>Proportional Relationships</i> 14 days <i>(continued on the next page)</i>	Module 2, Topic 1 Exam TX_MAT_7thMath_F26_A4 <u>Scanning Deadline:</u> October 29, 2026	7.4C: determine the constant of proportionality ($k = y/x$) within mathematical and real-world problems; 7.4D: solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease, and financial literacy problems; 7.5A: generalize the critical attributes of similarity, including ratios within and between similar shapes; 7.5C: solve mathematical and real-world problems involving similar shape and scale drawings;

(continued from previous page)		<p>7.13A: calculate the sales tax for a given purchase and calculate income tax for earned wages;</p> <p>7.13E: calculate and compare simple interest and compound interest earnings; and</p> <p>7.13F: analyze and compare monetary incentives, including sales, rebates, and coupons.</p>
<p>Module 2, Topic 2 <i>Financial Literacy: Interest and Budgets</i></p> <p>7 days</p>	<p>Module 2, Topic 2 Exam <i>TX_MAT_7thMath_F26_A5</i></p> <p><u>Scanning Deadline:</u> November 5, 2026</p>	<p>7.4D: solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease, and financial literacy problems;</p> <p>7.13B: identify the components of a personal budget, including income; planned savings for college, retirement, and emergencies; taxes; and fixed and variable expenses, and calculate what percentage each category comprises of the total budget;</p> <p>7.13C: create and organize a financial assets and liabilities record and construct a net worth statement;</p> <p>7.13D: use a family budget estimator to determine the minimum household budget and average hourly wage needed for a family to meet its basic needs in the student's city or another large city nearby; and</p> <p>7.13E: calculate and compare simple interest and compound interest earnings.</p>
<p>Module 3, Topic 1 <i>Operating with Rational Numbers</i></p> <p>9 days</p>	<p>Module 3, Topic 1 Exam <i>TX_MAT_7thMath_F26_A6</i></p> <p><u>Scanning Deadline:</u> November 19, 2026</p>	<p>7.2A: extend previous knowledge of sets and subsets using a visual representation to describe relationships between sets of rational numbers;</p> <p>7.3A: add, subtract, multiply, and divide rational numbers fluently;</p> <p>7.3B: apply and extend previous understandings of operations to solve problems using addition, subtraction, multiplication, and division of rational numbers; and</p> <p>7.4D: solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease, and financial literacy problems.</p>
<p>Module 3, Topic 2 <i>Two-Step Equations and Inequalities</i></p> <p>12 days</p>	<p>Module 3, Topic 2 Exam <i>TX_MAT_7thMath_F26_A7</i></p> <p><u>Scanning Deadline:</u> December 10, 2026</p>	<p>7.10A: write one-variable, two-step equations and inequalities to represent constraints or conditions within problems;</p> <p>7.10B: represent solutions for one-variable, two-step equations and inequalities on number lines;</p> <p>7.10C: write a corresponding real-world problem given a one-variable, two-step equation or inequality;</p> <p>7.11A: model and solve one-variable, two-step equations and inequalities; and</p> <p>7.11B: determine if the given value(s) make(s) one-variable, two-step equations and inequalities true.</p>
Fall IA Window: December 14-18, 2026 Scanning Deadline: N/A		
<p>Module 3, Topic 3 <i>Multiple Representations of Equations</i></p> <p>9 days</p>	<p>Module 3, Topic 3 Exam <i>TX_MAT_7thMath_S27_A8</i></p> <p><u>Scanning Deadline:</u> January 14, 2027</p>	<p>7.4A: represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including $d = rt$;</p> <p>7.7A: represent linear relationships using verbal descriptions, tables, graphs, and equations that simplify to the form $y = mx + b$.</p> <p>7.10A: write one-variable, two-step equations and inequalities to represent constraints or conditions within problems; and</p> <p>7.11A: model and solve one-variable, two-step equations and inequalities.</p>

Module 4, Topic 1 <i>Introduction to Probability</i> 11 days	Module 4, Topic 1 Exam TX_MAT_7thMath_S27_A9 <u>Scanning Deadline:</u> January 28, 2027	7.6B: select and use different simulations to represent simple and compound events with and without technology; 7.6C: make predictions and determine solutions using experimental data for simple and compound events; 7.6D: make predictions and determine solutions using theoretical probability for simple and compound events; 7.6E: find the probabilities of a simple event and its complement and describe the relationship between the two; 7.6H: solve problems using qualitative and quantitative predictions and comparisons from simple experiments; and 7.6I: determine experimental and theoretical probabilities related to simple and compound events using data and sample spaces.
Module 4, Topic 2 <i>Compound Probability</i> 10 days	Module 4, Topic 2 Exam TX_MAT_7thMath_S27_A10 <u>Scanning Deadline:</u> February 11, 2027	7.6A: represent sample spaces for simple and compound events using lists and tree diagrams; 7.6B: select and use different simulations to represent simple and compound events with and without technology; 7.6C: make predictions and determine solutions using experimental data for simple and compound events; 7.6D: make predictions and determine solutions using theoretical probability for simple and compound events; 7.6I: determine experimental and theoretical probabilities related to simple and compound events using data and sample spaces.
Module 4, Topic 3 <i>Drawing Inferences</i> 14 days	Module 4, Topic 3 Exam TX_MAT_7thMath_S27_A11 <u>Scanning Deadline:</u> March 18, 2027	7.6B: select and use different simulations to represent simple and compound events with and without technology; 7.6F: use data from a random sample to make inferences about a population; 7.6G: solve problems using data represented in bar graphs, dot plots, and circle graphs, including part-to-whole and part-to-part comparisons and equivalents; 7.12A: compare two groups of numeric data using comparative dot plots or box plots by comparing their shapes, centers, and spreads; 7.12B: use data from a random sample to make inferences about a population; and 7.12C: compare two populations based on data in random samples from these populations, including informal comparative inferences about differences between the two populations.
HOU & PB Spring IA Window: February 26 – March 4, 2027 Scanning Deadline: N/A SA Spring IA Window: March 1-5 2027 Scanning Deadline: N/A AUS, EP, RGV, & TACO Spring IA Window: March 5-11, 2027 Scanning Deadline: N/A		
Module 5, Topic 1 <i>Angle Relationships</i> 5 days	Module 5, Topic 1 Exam TX_MAT_7thMath_S27_A12 <u>Scanning Deadline:</u> March 25, 2027	7.11C: write and solve equations using geometry concepts, including the sum of the angles in a triangle, and angle relationships.
Module 5, Topic 2 <i>Area, Surface Area, and Volume</i> 11 days <i>(continued on the next page)</i>	Module 5, Topic 2 Exam TX_MAT_7thMath_S27_A13 <u>Scanning Deadline:</u> April 15, 2027	7.3A: add, subtract, multiply, and divide rational numbers fluently; 7.8A: model the relationship between the volume of a rectangular prism and a rectangular pyramid having both congruent bases and heights and connect that relationship to the formulas; 7.8B: explain verbally and symbolically the relationship between the volume of a triangular prism and a triangular pyramid having both congruent bases and heights and connect that relationship to the formulas; 7.9A: solve problems involving the volume of rectangular prisms, triangular prisms, rectangular pyramids, and triangular pyramids;

(continued from previous page)		<p>7.9C: determine the area of composite figures containing combinations of rectangles, squares, parallelograms, trapezoids, triangles, semicircles, and quarter circles; and</p> <p>7.9D: solve problems involving the lateral and total surface area of a rectangular prism, rectangular pyramid, triangular prism, and triangular pyramid by determining the area of the shape's net.</p>
STAAR Math Window: April 19-30, 2027		
<p>Performance Tasks 1-4</p> <p>16 days</p>		<p>7.3B: apply and extend previous understandings of operations to solve problems using addition, subtraction, multiplication, and division of rational numbers;</p> <p>7.4A: represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric,</p> <p>7.4B: represent constant rates of change in mathematical and real-world problems given pictorial, tabular, verbal, numeric, graphical, and algebraic representations, including $d = rt$;</p> <p>7.4D: solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease, and financial literacy problems;</p> <p>7.9A: solve problems involving the volume of rectangular prisms, triangular prisms, rectangular pyramids, and triangular pyramids;</p> <p>7.9D: solve problems involving the lateral and total surface area of a rectangular prism, rectangular pyramid, triangular prism, and triangular pyramid by determining the area of the shape's net;</p> <p>7.10A: write one-variable, two-step equations and inequalities to represent constraints or conditions within problems;</p> <p>7.10B: represent solutions for one-variable, two-step equations and inequalities on number lines;</p> <p>7.11A: model and solve one-variable, two-step equations and inequalities.</p> <p>7.11B: determine if the given value(s) make(s) one-variable, two-step equations and inequalities true;</p> <p>7.13A: calculate the sales tax for a given purchase and calculate income tax for earned wages; and</p> <p>7.13F: analyze and compare monetary incentives, including sales, rebates, and coupons.</p>

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.