

# Pacing Plan — 5th Grade Math (TEKS)

Sun Aug 16 – Sat Aug 22, 2026 — Sun May 2 – Sat May 8, 2027 · 38 weeks · 153 lessons · 10 units

## Unit Summary

| UNIT                                        | LESSONS | STANDARDS                                                              | KEY OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------|---------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ● <b>Whole Number Operations</b>            | 20      | TEKS 5.2B, TEKS 5.4B, TEKS 5.3B, TEKS 5.3A, TEKS 5.3C                  | Represent the value of the digit in whole numbers through the billions place as 10 times the value of the place to its right.; Represent multi-step problems involving the four operations with whole numbers using strip diagrams and equations with a letter standing for the unknown quantity.; Multiply with fluency a three-digit number by a two-digit number using the standard algorithm.; Demonstrate fluency in the standard algorithm for multiplication of 3-digit by 2-digit numbers.; Multiply a four-digit number by a two-digit number using the standard algorithm. +15 more |
| ● <b>Adding and Subtracting Decimals</b>    | 15      | TEKS 5.2A, TEKS 5.2B, TEKS 5.3A, TEKS 5.3K, TEKS 5.4B                  | Identify the value of digits in the tenths and hundredths place.; Represent decimals as fractions and on a number line.; Model decimals using 10x10 grids.; Represent decimals using place value disks.; Compare two decimals to the hundredths using <, >, or = symbols. +25 more                                                                                                                                                                                                                                                                                                            |
| ● <b>Multiplying and Dividing Decimals</b>  | 20      | 5.3D, 5.3E, 5.3A, 5.3F, 5.3G, 5.4C                                     | Represent multiplication of decimals with concrete models.; Connect models to repeated addition of decimals.; Calculate the product of a decimal and a whole number.; Explain the place value of the product.; Estimate products of decimals to the hundredths place. +35 more                                                                                                                                                                                                                                                                                                                |
| ● <b>Adding and Subtracting Fractions</b>   | 20      | TEKS 5.3.H, TEKS 5.3.K, TEKS 5.3.A                                     | Represent addition of fractions with unequal denominators using fraction strips; Explain why a common denominator is necessary to combine fractional parts; Represent fraction addition and subtraction on a number line; Identify equivalent points for fractions with different denominators; List multiples to find a common denominator for two fractions +35 more                                                                                                                                                                                                                        |
| ● <b>Multiplying and Dividing Fractions</b> | 15      | 5.3I, 5.3L                                                             | Represent multiplication of a whole number and a fraction using concrete and pictorial models.; Calculate the product of a whole number and a fraction as a sum of repeated parts.; Create an area model to represent the product of a whole number and a fraction.; Relate the total shaded area of a model to a mathematical equation.; Generalize a strategy for multiplying a whole number and a fraction. +25 more                                                                                                                                                                       |
| ● <b>Geometry and Measurement</b>           | 15      | TEKS 5.7A, TEKS 5.5A, TEKS 5.4H                                        | Convert between inches, feet, yards, and miles.; Solve problems using the standard algorithm for multi-digit multiplication during conversions.; Identify the relationship between customary units of weight and capacity.; Calculate equivalent measurements using multiplication and division.; Describe the relationship between millimeters, centimeters, meters, and kilometers. +22 more                                                                                                                                                                                                |
| ● <b>Volume</b>                             | 10      | TEKS 5.6A, TEKS 5.6B, TEKS 5.4G                                        | Define volume as the amount of space an object occupies; Distinguish between 2D area (square units) and 3D volume (cubic units); Identify the attributes of a rectangular prism; Determine the volume of a rectangular prism by counting unit cubes; Explain how layers represent the product of length and width +16 more                                                                                                                                                                                                                                                                    |
| ● <b>Coordinate Plane</b>                   | 15      | TEKS 5.8A, TEKS 5.8B, TEKS 5.8C, TEKS 5.4C, TEKS 5.4D                  | Identify the origin and its coordinates (0,0).; Describe the x-axis and y-axis as perpendicular number lines.; Describe the location of a point as a distance from the origin.; Use directional language to navigate the first quadrant.; Identify the x-coordinate and y-coordinate of a given point. +23 more                                                                                                                                                                                                                                                                               |
| ● <b>Data and Statistics</b>                | 15      | TEKS 5.9A, TEKS 5.9C, TEKS 5.9B                                        | Organize a set of data into a frequency table.; Correctly represent Tenths and Hundredths within a table structure.; Represent a set of data on a dot plot.; Determine the appropriate scale and intervals for a number line based on fraction data.; Create a dot plot representing decimal values. +25 more                                                                                                                                                                                                                                                                                 |
| ● <b>Financial Literacy</b>                 | 8       | TEKS 5.10A, TEKS 5.10B, TEKS 5.10C, TEKS 5.10D, TEKS 5.10E, TEKS 5.10F | Define sales tax and property tax.; Calculate total cost including sales tax using decimal addition.; Define income tax and payroll tax.; Explain the difference between taxes paid by employers and taxes paid by individuals.; Distinguish between gross income and net income. +11 more                                                                                                                                                                                                                                                                                                    |