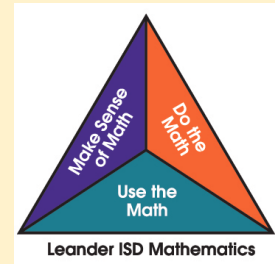


Fifth Grade Math Curriculum Overview



[Full Version of Math TEKS](#) *Red indicates PACE Skills

Mathematical Process Standards. (5.1ABCDEFGF) These describe ways in which students engage in the content so that they become successful problem solvers and use mathematics efficiently and effectively in daily life. Students are expected to:

- Apply mathematics to problems arising in everyday life, society and the workplace;
- Analyzes given information, formulates a plan, determines a solution, and evaluates reasonableness
- Selects tools and techniques to solve problems
- Communicates and organizes math ideas using multiple representations
- Analyzes math relationships to connect and communicate ideas
- Displays, explains, and justifies mathematical ideas using math language

First Nine Weeks

Unit of Study	In this unit your child will:	TEKS	Parent Letter
Expressions, Equations & Volume	<ul style="list-style-type: none"> • Solve multi-step story problems involving multiplication and division with remainders • Multiply and divide with multi-digit numbers • Demonstrate an understanding of volume using multiplication • Find factor pairs for whole numbers between 1 and 100 	5.3ABC, 5.4ABEFGH, 5.6AB 6.7AB	English Spanish
Adding & Subtracting Fractions	<ul style="list-style-type: none"> • Add and subtract fractions with unlike denominators • Solve story problems involving addition and subtraction of fractions with unlike denominators • Find common denominators for fractions with unlike denominators • Find the greatest common factor and least common multiple to help simplify fractions and find common denominators • Multiply multi-digit numbers 	5.3AHIK 6.2CDE, 6.5C	English Spanish

Second Nine Weeks

Unit of Study	In this unit your child will:	TEKS	Parent Letter
Place Value & Decimals	<ul style="list-style-type: none"> • Divide multi-digit whole numbers • Read, write, order, model, and compare decimal numbers • Multiply and divide whole and decimal numbers by 10 • Add and subtract decimal numbers to the hundredths place • Identify equivalent fractions and decimals 	5.2C, 5.3CDEFGHK, 5.7 6.4EFG, 6.7B	English Spanish
Multiplying & Dividing Whole Numbers & Decimals	<ul style="list-style-type: none"> • Use a variety of strategies for multiplying and dividing multi-digit whole numbers • Practice using the standard algorithm to multiply multi-digit whole numbers • Begin multiplying and dividing with decimal numbers 	5.3ABCDEFGHIK, 5.4E	English Spanish

Third Nine Weeks			
Unit of Study	In this unit your child will:	TEKS	Parent Letter
Multiplying & Dividing Fractions	<ul style="list-style-type: none"> Multiply fractions by whole numbers ($\frac{1}{3} \times 12 = 4$) Use rectangular arrays to show multiplication of a fraction by a fraction ($\frac{1}{3} \times \frac{3}{4} = \frac{1}{4}$) Divide a whole number by a fraction ($4 \div \frac{1}{3} = \frac{1}{12}$) Divide a unit fraction (a fraction with a 1 in the numerator) by a whole number ($\frac{1}{3} \div 4 = \frac{1}{12}$) 	5.3CHIJL, 5.7 6.3ABE	English Spanish
Graphing, Geometry & Volume	<ul style="list-style-type: none"> Calculate the volume of a rectangular prism using a formula and other strategies Graph points in the coordinate plane Sort and classify triangles, quadrilaterals, and other two-dimensional shapes Multiply a mixed number by a whole number and by another mixed number 	5.3BCI, 5.4CDEGH, 5.5 5.6AB, 5.8ABC 6.3AE, 6.4A, 6.6ABC, 6.9AC	English Spanish
Fourth Nine Weeks			
Unit of Study	In this unit your child will:	TEKS	Parent Letter
Division & Decimals	<ul style="list-style-type: none"> Multiply and divide multi-digit numbers Perform addition, subtraction, multiplication, and division with fractions Solve story problems with fractions 	5.3CDEFGJL, 5.4E 6.3AE	English Spanish
Solar Design	<ul style="list-style-type: none"> Learn about solar home design and thermal energy transfer through reading, research, and experiments Design and build model houses to meet specific criteria and constraints Collect, graph, and analyze experimental data Work with scaled drawings and dimensions Practice math skills developed earlier this year, especially those involving measurement, multiplication and division, decimals and fractions, and geometry 	5.3BCDEFGIJKL, 5.4GH, 5.6B, 5.7, 5.8C Algebraic Relationships: 6.4A, 6.6BC, 6.7ABCD, 6.10AB	English Spanish
Personal Financial Literacy (Integrated Math and Social Studies Unit)			
Unit of Study	In this unit your child will:	TEKS	Parent Letter
Personal Financial Literacy	<ul style="list-style-type: none"> Define income tax, payroll tax, sales tax, and property tax Explain the difference between gross income and net income Develop a system for keeping and using financial records 	5.10ABCDEF	N/A