# 6th Grade Math - Student Friendly TEKS

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| 6.1A | I can apply math to everyday life. |
| 6.1B | I can create and use a problem solving plan. |
| 6.1B | I can check my answer to see if it makes sense. |
| 6.1C | I can solve problems with different stuff. |
| 6.1C | I can solve problems with different resources (manipulatives, technology, etc). |
| 6.1D | I can use multiple ways to communicate math ideas. |
| 6.1D | I can explain ways to solve math problems. |
| 6.1E | I can use different representations to keep information organized when solving problems. |
| 6.1F | I can think and talk about the relationships between math ideas. |
| 6.1G | I can use math language to explain and defend mathematical ideas in writing or out loud. |
| 6.2A | I can use a visual representation to show relationships between sets of numbers. |
| 6.2B | I can identify a number, its opposite, and the absolute value. |
| 6.2C | I can locate integers and rational numbers on a number line. |
| 6.2C | I can compare and order integers and rational numbers using a number line. |
| 6.2D | I can compare positive whole numbers and decimals and put them in order. |
| 6.2D | I can compare positive fractions and put them in order. |
| 6.2D | I can order rational numbers from a problem situation. |
| 6.2E | I can write a fraction as a division problem. |
| 6.2E | I can write a division problem as a fraction. |
| 6.3A | I know that dividing by a number and multiplying by its reciprocal are equivalent. |
| 6.3B | I can determine when a quantity will be increased or decreased when multiplied by a fraction. |
| 6.3C | I can represent integer operations with models. |
| 6.3C | I can connect the integer operation models to the standard procedure. |
| 6.3D | I can add, subtract, multiply, and divide integers easily. |
| 6.3E | I can multiply and divide positive whole numbers and decimals. |
| 6.3E | I can multiply and dive positive fractions. |
| 6.4A | I can show the difference between an additive and multiplicative relationship. |
| 6.4B | I can use ratios and rates to make predictions. |
| 6.4B | I can compare ratios to make decisions. |
| 6.4C | I can generate equivalent ratios. |
| 6.4D | I can generate equivalent rates. |
| 6.4E | I can use models, fractions, and decimals to represent ratios and percents. |
| 6.4F | I can represent percents in multiple ways (10x10 grids, strip diagrams, number lines, and numbers) |

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| 6.4F | I can represent benchmark fractions in multiple ways (10x10 grids, strip diagrams, number lines, and numbers) |
| 6.4G | I can generate equivalent fractions, decimals, and percents in real-world problems. |
| 6.4G | I can generate equivalent fraction, decimals, and percents in problems involving money. |
| 6.4H | I can use proportions and unit rates to change units. |
| 6.5A | I can use ratios and rates to represent problems in multiple ways (scale factors, tables, graphs, proportions. |
| 6.5B | I can solve percent problems. |
| 6.5B | I can solve percent problems using models. |
| 6.5C | I can show equivalence using fractions, decimals, and percents. |
| 6.6A | I can identify the independent and dependent quantity from tables and graphs. |
| 6.6B | I can write an equation when given a table. |
| 6.6C | I can represent a situation in multiple ways (table, graph, equation, verbal description) |
| 6.7A | I can write a number as a product of all prime numbers using exponents. |
| 6.7A | I can write a number in exponential form from standard form. |
| 6.7A | I can write a number in standard form from exponential form. |
| 6.7A | I can evaluate using exponents. |
| 6.7A | I can use order of operations. |
| 6.7B | I know the difference between expressions and equations. |
| 6.7C | I can use models to determine if two expressions are equal. |
| 6.7C | I can solve equations algebraically. |
| 6.7D | I can generate equivalent expressions using properties. |
| 6.8A | I can determine when three side lengths will form a triangle. |
| 6.8A | I can use the properties of a triangle to find a missing angle in a triangle. |
| 6.8A | I can use properties of a triangle to solve problems involving triangles. |
| 6.8B | I can model area formulas for parallelograms, trapezoids, and triangles. |
| 6.8C | I can write equations to represent area problems involving rectangles, parallelograms, trapezoids, and triangles. |
| 6.8C | I can write equations to represent volume problems involving rectangular prisms. |
| 6.8D | I can solve area problems involving rectangles, parallelograms, trapezoids, and triangles. |
| 6.8D | I can solve volume problems involving rectangular prisms. |
| 6.9A | I can write simple equations to represent problems. |
| 6.9A | I can write simple equations and inequalities to represent problems. |
| 6.9B | I can represent solutions to simple equations and inequalities on a number line. |
| 6.9C | I can write a real-world situation given an equation or inequality. |
| 6.10A | I can model and solve simple equations and inequalities that represent problems. |

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| 6.10B | I can determine if a given value makes a simple equation true. |
| 6.10B | I can determine if a given value makes an equation or inequality true. |
| 6.11A | I can graph points in all four quadrants. |
| 6.11A | I can graph points in all quadrants. |
| 6.12A | I can graph data using dot plots and stem-and-leaf plots. |
| 6.12A | I can graph data using histograms and box plots. |
| 6.12B | I can use graphs to describe the center and shape of a set of data. |
| 6.12B | I can use graphs to describe the spread of a set of data. |
| 6.12C | I can find the mean and median of a set of data. |
| 6.12C | I can use the mean and median to describe a set of data's center and shape. |
| 6.12C | I can find the range and interquartile range of a set of data. |
| 6.12C | I can use the range and interquartile range to describe a set of data's spread. |
| 6.12D | I can find the mode of a set of data. |
| 6.12D | I can use the mode to describe a set of data. |
| 6.12D | I can construct the relative frequency table and percent bar graph for a set of data. |
| 6.12D | I can use the relative frequency table and percent bar graph to describe the data. |
| 6.13A | I can interpret data from dot plots and stem-and-leaf plots. |
| 6.13A | I can interpret data from histograms and box plots. |
| 6.13B | I can determine which situations will or will not have variability. |
| 6.13B | I can determine the variability of a situation. |
| 6.14A | I can compare checking account and debit card offers from different banks. |
| 6.14B | I know the difference between debit cards and credit cards. |
| 6.14C | I can balance a check register. |
| 6.14D | I know the importance of a good credit history. |
| 6.14E | I know what information credit reports have and how long it is retained. |
| 6.14F | I know how borrowers and lenders use credit reports. |
| 6.14G | I can explain various methods to pay for college. |
| 6.14H | I can compare the salaries of occupations and know the effects on lifetime incomes. |