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| Time | Big Idea | Topic |
| Aug/Sept | - Write and interpret numerical expressions.- Analyze patterns and relationships.- Understand the place value system.-Perform operations with multi-digit whole numbers.-Understand multiplication | -Place Value-Exponents-Whole number and decimal relationships-Addition, subtraction and estimating -Multiplication properties and patterns |
| October | - Write and interpret numerical expressions.- Analyze patterns and relationships.- Understand the place value system.-Perform operations with multi-digit whole numbers.-Understand division- Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.-Convert like measurement units within a given measurement system.-Represent and interpret data. | -Divisibility-Estimate quotients-One and two digit divisors-Zeros in the quotient-Order of operations-Measurement concepts |
| November | -Represent and interpret data.- Write and interpret numerical expressions.- Analyze patterns and relationships.- Use equivalent fractions as a strategy to add and subtract fractions.- Apply and extend previous understandings of multiplication and division to multiply and divide fractions. | -Data collecting and graphing-Mean, median, mode, and range-LCM and GCF-Prime and composite-Fractions and mixed numbers |
| December | -Represent and interpret data.- Write and interpret numerical expressions.- Analyze patterns and relationships.- Use equivalent fractions as a strategy to add and subtract fractions.- Apply and extend previous understandings of multiplication and division to multiply and divide fractions. | -Add and subtract fractions-Estimate with fractions |
| January | -Represent and interpret data.- Write and interpret numerical expressions.- Analyze patterns and relationships.- Use equivalent fractions as a strategy to add and subtract fractions.- Apply and extend previous understandings of multiplication and division to multiply and divide fractions.- Perform operations with multi-digit whole numbers and with decimal to hundredths.-Understand the place value system. | -Add, subtract and estimate decimals-Multiplication and division of fractions and mixed numbers |
| February | -Represent and interpret data.- Write and interpret numerical expressions.- Analyze patterns and relationships.- Perform operations with multi-digit whole numbers and with decimal to hundredths.-Understand the place value system. | -Decimal products-Estimation of decimals-Decimal quotient -Zeros in the dividend-Repeating decimals |
| March | - Graph points on the coordinate plane to solve real-world and mathematical problems.- Classify two-dimensional figures into categories based on their properties. | -Points, lines and rays-Measure and draw angles-Triangles-Congruence-Polygons-Circles-Symmetry-Rotations, reflection, translations-Perimeter and area-Circumference |
| April | - Graph points on the coordinate plane to solve real-world and mathematical problems.- Classify two-dimensional figures into categories based on their properties. | -Solid Figures-Surface Area-Volume-Ratio-Rates-Proportions-Similar figures-Percent |
| May |  | -Probability-Algebra-Integers-Absolute value-Coordinate planes |
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