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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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