**Unit Learner Outcomes**

*Unit 1: Whole Numbers*

* The students will be able to recognize place value to the left of the decimal as 10 times as much as the number to the right of it. (analysis)
* The students will be able to multiply and divide whole numbers of up to four digits by whole numbers of up to two digits. (knowledge, application)
* The students will be able to write and evaluate numerical expressions. (application, evaluation)
* The students will be able to generate numerical patterns using given rules. (application, synthesis)

*Unit 2: Decimals*

* The students will be able to recognize place value to the right of the decimal as 1/10 times less than the number to the left of it. (analysis)
* The students will be able to compare to decimal numbers. (analysis, synthesis)
* The students will be able to round decimals. (application, synthesis)
* The students will be able to write decimals in word, expanded, and standard form. (application)
* The students will be able to add, subtract, multiply, and divide decimal numbers. (knowledge, application)
* The students will be able to solve real world problems using decimals. (application, evaluation)

*Unit 3: Fractions*

* The students will be able to interpret fractions as division. (analysis, synthesis)
* The students will be able to add and subtract fractions with like and unlike denominators. (application)
* The students will be able to multiply fractions. (application)
* The students will be able to find area of a shape with fractional side lengths. (application, synthesis)
* The students will be able to compare the size of fractional products. (analysis, synthesis)
* The students will be able to solve word problems by adding, subtracting, multiplying, or dividing fractions. (application, evaluation)

*Unit 4: Volume*

* The students will be able to measure volume using unit cubes. (application)
* The students will be able to recognize the volume formula and calculate volume of a rectangle prism. (application, analysis)

*Unit 5: Measurement*

* The students will be able to convert metric and customary units of measure. (application)

*Unit 6: Geometry*

* The students will be able to categorize two dimensional figures. (analysis)
* The students will be able to categorize three dimensional figures. (analysis)

*Unit 7: Graphing*

* The students will be able to create a line plot to show fractions and whole numbers. (application, synthesis)
* The students will be able to use a coordinate grid and identify all parts of it. (comprehension, application)
* The students will be able to use a coordinate grid to solve real world problems. (application, evaluation)