

## Tri 1: Curriculum Map

|                       | Indicator | Standard                                                                                                                                                                                                                                                                                                                                                                                                  | Unit Description                                                                                                                                | Assessment                                                  |  |
|-----------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--|
| Week 1                |           | Unit 1 Pre-Test                                                                                                                                                                                                                                                                                                                                                                                           | Number Sense: Understanding numbers and applying in a real-world context. (rational numbers, fractions, decimals, percents, and absolute value) | Unit 1 Pre-Test                                             |  |
|                       | 6.NS.2    | Explain how opposite signs of numbers indicate locations on opposite sides of 0 on the number line; identify the opposite of the opposite of a number.                                                                                                                                                                                                                                                    |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 2                | 6.NS.3    | Compare and order rational numbers and plot them on a number line. Write, interpret, and explain statements of order for rational numbers in real-world contexts.                                                                                                                                                                                                                                         |                                                                                                                                                 |                                                             |  |
|                       | 6.NS.1    | Use positive and negative numbers to represent and compare quantities in real-world contexts, explaining the meaning of 0 in each situation. (E)                                                                                                                                                                                                                                                          |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 3                | 6.NS.6    | Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12.                                                                                                                                                                                                                                               |                                                                                                                                                 | <a href="#">Quiz 1</a>                                      |  |
|                       | 6.RP.1    | Convert between any two representations (fractions, decimals, percents) of positive rational numbers without the use of a calculator. (E)                                                                                                                                                                                                                                                                 |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 4                | 6.NS.4    | Solve real-world problems with positive fractions and decimals by using one or two operations. (E)                                                                                                                                                                                                                                                                                                        |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 5                | 6.NS.4    | Solve real-world problems with positive fractions and decimals by using one or two operations. (E)                                                                                                                                                                                                                                                                                                        |                                                                                                                                                 | <a href="#">Quiz 2</a>                                      |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 6                | 6.NS.4    | Solve real-world problems with positive fractions and decimals by using one or two operations. (E)                                                                                                                                                                                                                                                                                                        |                                                                                                                                                 | <a href="#">Unit 1 Test</a>                                 |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| End of Grading Period |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 7                |           | Unit 2 Pre-Test                                                                                                                                                                                                                                                                                                                                                                                           | Algebra: Understanding expressions and variables.                                                                                               | <a href="#">Unit 2 Pre-test</a>                             |  |
|                       | 6.NS.8    | Evaluate positive rational numbers with whole number exponents.                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 8                | 6.NS.5    | Apply the order of operations and properties of operations (i.e., identity, inverse, commutative properties of addition and multiplication, associative properties of addition and multiplication, and distributive property) to evaluate numerical expressions with nonnegative rational numbers, including those using grouping symbols, such as parentheses, and involving whole number exponents. (E) |                                                                                                                                                 | <a href="#">I-Learn Checkpoint 1 or Quiz 1</a>              |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 9                | 6.AF.1    | Define and use multiple variables when writing expressions to represent real-world and other mathematical problems, and evaluate them for given values. (E)                                                                                                                                                                                                                                               |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 10               | 6.NS.7    | Apply the properties of operations (i.e., identity, inverse, commutative, associative, distributive properties) to create equivalent linear expressions and to justify whether two linear expressions are equivalent when the two expressions name the same number regardless of which value is substituted into them. (E)                                                                                |                                                                                                                                                 | <a href="#">Quiz 1 or Quiz 2 (depending on check point)</a> |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 11               |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
| Week 12               |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |                                                             |  |

| Tri 2: Curriculum Map |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
|-----------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------|
| Week                  | Indicator | Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unit Description                                                                                                                                         | Assessment                      |                             |
| Week 1                | 6.AF.3    | Solve equations of the form $x + p = q$ , $x - p = q$ , $px = q$ , and $x/p = q$ fluently for cases in which $p$ , $q$ and $x$ are all nonnegative rational numbers. Represent real-world problems using equations of these forms and solve such problems. (E)                                                                                                                                                                                                           | Algebra: Understanding expressions and variables.                                                                                                        |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| Week 2                | 6.AF.2    | Demonstrate which values from a specified set, if any, make the equation or inequality true. Use substitution to determine whether a given number in a specified                                                                                                                                                                                                                                                                                                         |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| Week 3                | 6.AF.4    | Write an inequality of the form $x > c$ , $x \geq c$ , $x < c$ , or $x \leq c$ , where $c$ is a rational number, to represent a constraint or condition in a real-world or other                                                                                                                                                                                                                                                                                         |                                                                                                                                                          |                                 | <a href="#">Unit 2 Test</a> |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| Week 4                |           | Unit 3 Pre-Test                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Geometry: Using the coordinate plan and determining angles of triangles/ quadrilaterals. Finding the area of complex shapes and the volume of 3D shapes. | <a href="#">Unit 3 Pre-Test</a> |                             |
|                       | 6.AF.5    | Solve real-world and other mathematical problems by graphing points with rational number coordinates on a coordinate plane. Include the use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate. (E)                                                                                                                                                                                         |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| Week 5                | 6.AF.5    | Solve real-world and other mathematical problems by graphing points with rational number coordinates on a coordinate plane. Include the use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate. (E)                                                                                                                                                                                         |                                                                                                                                                          |                                 | <a href="#">Quiz 1</a>      |
|                       | 6.GM.2    | Apply the sums of interior angles of triangles and quadrilaterals to solve real-world and mathematical problems.                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| Week 6                | 6.GM.2    | Apply the sums of interior angles of triangles and quadrilaterals to solve real-world and mathematical problems.                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| End of Grading Period |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| Week 7                | 6.GM.3    | Find the area of complex shapes composed of polygons by composing or decomposing into simple shapes; apply this technique to solve real-world and other mathematical problems.                                                                                                                                                                                                                                                                                           | Geometry: Using the coordinate plan and determining angles of triangles/ quadrilaterals. Finding the area of complex shapes and the volume of 3D shapes. |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| Week 8                | 6.GM.3    | Find the area of complex shapes composed of polygons by composing or decomposing into simple shapes; apply this technique to solve real-world and other mathematical problems.                                                                                                                                                                                                                                                                                           |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| Week 9                |           | Find the volume of a right rectangular prism with fractional edge lengths using unit cubes of the appropriate unit fraction edge lengths (e.g., using technology or concrete materials) and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = lwh$ and $V = Bh$ to find volumes of right rectangular prisms with fractional edge lengths to solve real-world and other mathematical problems. (E) |                                                                                                                                                          |                                 | <a href="#">Unit 3 Test</a> |
|                       | 6.GM.4    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
| Week 10               | 6.DS.1    | Select, create, and interpret graphical representations of numerical data, including line plots, histograms, and box plots.                                                                                                                                                                                                                                                                                                                                              | Data and statistics: Interpreting data. Understanding                                                                                                    | <a href="#">Unit 4 Pre-Test</a> |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                          |                                 |                             |

| Tri 2: Curriculum Map |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    |                             |
|-----------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Week                  | Indicator | Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit Description                                                                                                   | Assessment                  |
| Week 11               | 6.DS.2    | Formulate statistical questions; collect and organize the data (e.g., using technology), and display and interpret the data with graphical representations (e.g., using technology). (E)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | slices. Creating graphs from sets of data, and describing patterns found in data.<br>standards measures of center. |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    |                             |
| Week 12               | 6.DS.3    | Summarize numerical data sets in relation to their context in multiple ways, such as: a. Report the number of observations; b. Describe the nature of the attribute under investigation, including how it was measured and its units of measurement; c. Determine quantitative measures of center (mean and/or median) and spread (range and interquartile range); d. Describe any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered; and e. Relate the choice of measures of center and spread to the shape of the data distribution and the context in which the data were gathered. (E) |                                                                                                                    | ILearn Checkpoint 2         |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    |                             |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    | <a href="#">Unit 4 Test</a> |
|                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    |                             |

| Tri 3: Curriculum Map |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Week                  | Indicator | Standard                                                                                                                                                             | Unit Description                                                                                                                                              | Assessment                      |
| Week 1                | 6.RP.2    | Understand the concept of a unit rate and use terms related to rate in the context of a ratio relationship.                                                          | Ratios and Proportional Relationships: Understanding unit rate, applying unit rate to find missing values, and solving real-world problems using conversions. | <a href="#">Unit 5 Pre-Test</a> |
|                       | 6.RP.3    | Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the          |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 2                | 6.RP.4    | Solve real-world and other mathematical problems involving rates and ratios using models and strategies such as reasoning about tables of equivalent ratios, tape    |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 3                | 6.RP.4    | Solve real-world and other mathematical problems involving rates and ratios using models and strategies such as reasoning about tables of equivalent ratios, tape    |                                                                                                                                                               |                                 |
|                       | 6.GM.1    | Convert between measurement systems (Customary to metric and metric to Customary) given the conversion factors, and use these conversions in solving real-           |                                                                                                                                                               | llearn Check point 3            |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 4                | 6.RP.5    | Use variables to represent two quantities in a proportional relationship in a real-world problem; write an equation to express one quantity, the dependent variable, |                                                                                                                                                               | <a href="#">Unit 5 Test</a>     |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 5                |           | Spring Break                                                                                                                                                         |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 6                |           | Review previous material                                                                                                                                             |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| End of Grading Period |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 7                |           | Review previous material                                                                                                                                             |                                                                                                                                                               | ILEARN                          |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 8                |           | Review previous material                                                                                                                                             |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 9                |           | Review previous material                                                                                                                                             |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 10               |           | Review previous material                                                                                                                                             |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 11               |           | Front Load 7th grade material                                                                                                                                        |                                                                                                                                                               | IReady                          |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
| Week 12               |           | Front Load 7th grade material                                                                                                                                        |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |
|                       |           |                                                                                                                                                                      |                                                                                                                                                               |                                 |

| Tri 3: Curriculum Map |           |          |                  |            |
|-----------------------|-----------|----------|------------------|------------|
| Week                  | Indicator | Standard | Unit Description | Assessment |
|                       |           |          |                  |            |
|                       |           |          |                  |            |