### Essential Units of Study

<table>
<thead>
<tr>
<th>1st Six Weeks</th>
<th>2nd Six Weeks</th>
<th>3rd Six Weeks</th>
<th>4th Six Weeks</th>
<th>5th Six Weeks</th>
<th>6th Six Weeks</th>
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<tbody>
<tr>
<td>5 weeks</td>
<td>1 w</td>
<td>4 weeks</td>
<td>2 weeks</td>
<td>4 weeks</td>
<td>1 w</td>
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#### 01 Integers
- Students will understand that integers are whole numbers, their opposites, and zero. They will be able to identify, compare, and locate integers on a number line.
- Additionally, students will perform operations with integers and be able to graph in all four quadrants.

#### 02 Rational Number and Applications
- The student will be able to classify rational numbers using visual representations. Students are expected to add, subtract, multiply and divide positive and negative rational numbers to solve problems and justify solutions.

#### 03 One- And Two-Step Equations and Inequalities
- In this unit, students will write, solve, and graph both one- and two-step equations and inequalities. Students will represent two-step equations using tables, graphs, equations, and verbal descriptions.

#### 04 Proportionality: Relationships and Applications
- Students will develop an understanding of proportional relationships through the exploration of multiplicative and additive relationships, and solve problems using ratios, rate, percents in mathematical and real-world problems, including similarity and financial literacy context.

#### 05 Statistics & Graphical Representations
- Students will explore, interpret, and summarize both numeric and categorical data set using numeric summaries and graphical representations (dot plots, stem-and-leaf plots, histograms, and box plots), paying particular attention to their center, shape and spread of a data set.

#### 06 Constructing and Applying Geometric Formulas
- Students will extend their understanding of triangle relationships, model, develop, and utilize area formulas or individual and composite figures. Students will also explore the volume of rectangular prisms.

#### 07 Personal Financial Literacy: Budgeting, Banking, & Credit
- Students will develop an economic way of thinking and problem solving skills to understand real-life experiences involving budgeting, spending, banking and credit, as well as begin planning for the future, exploring careers, education, and methods to pay for college.

#### Important Concepts to Include in STAAR Reviews
- Key 6th grade readiness TEKS to review in transition year:
  - Fraction/Decimal/Percent Conversions (6.4G)
  - Order rational numbers (6.2D)
  - Generate Equivalent Expressions *using order of operations, prime factorization and exponents (6.7A) *using properties (6.7D)

#### Recommended topics for after STAAR:
- Positive and Negative Rational Number Operations
- Fraction/Decimal/Percent Conversions
- Reading & Interpreting Word Problems
- Logic & Reasoning

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### Blueprint and Tracking Charts for CBA’s

<table>
<thead>
<tr>
<th>Curriculum Based Assessment I</th>
<th>Curriculum Based Assessment II</th>
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<tr>
<td>October 28-31, 2019</td>
<td>March 9-12, 2020</td>
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<thead>
<tr>
<th>Essential Units of Study</th>
<th>Content Topics</th>
<th>TEKS</th>
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<td>01 Integers</td>
<td><strong>03 One- And Two-Step Equations and Inequalities</strong></td>
<td>6.11A 7.11A</td>
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<tr>
<td>02 Rational Number and Applications</td>
<td><strong>04 Proportionality: Relationships and Applications</strong></td>
<td>6.4B 7.4D</td>
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<td>03 One- And Two-Step Equations and Inequalities</td>
<td><strong>05 Statistics &amp; Graphical Representations</strong></td>
<td>6.12CD 6.13A 7.6G</td>
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<tr>
<td>04 Proportionality: Relationships and Applications</td>
<td><strong>06 Constructing and Applying Geometric Formulas</strong></td>
<td>6.8B 6.10A 7.9BC</td>
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<td>05 Statistics &amp; Graphical Representations</td>
<td><strong>07 Personal Financial Literacy: Budgeting, Banking, &amp; Credit</strong></td>
<td>6.8ABC 7.5B 7.8C</td>
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#### Readiness TEKS
- 6.2D 6.3D 6.11A 7.3B
- 6.2ABC Process: All 7.2 7.3A Process: All

#### Supporting TEKS
- CK-12 Integers CK-12 Rational Number and Applications
- CK-12 One- And Two-Step Equations and Inequalities CK-12 Proportionality: Relationships and Applications CK-12 Statistics & Graphical Representations CK-12 Constructing and Applying Geometric Formulas CK-12 Personal Financial Literacy: Budgeting, Banking, & Credit

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### Important Topics

- CK-12 Flex Readiness Book (Print)

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### Imagine Math Benchmark 2 Window:
- Jan. 13-24, 2020

### Imagine Math Benchmark 1 Window:
- Sept. 9-20, 2019