



# Yearly Overview

## 6<sup>th</sup> Grade Mathematics

2020-2021

### Semester 1

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#### Term 1

- **Numbers and Operations**
    - Identify Integers and Their Opposites
    - Compare and Order Integers
    - Absolute Value
    - Classify and Order Rational Numbers
    - Multiply and Divide Rational Numbers
    - Add and Subtract Integers
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#### Term 2

- **Numbers and Operations**
  - Multiply and Divide Integers
  - Apply Integer Operations
- **Expressions, Equations, and Relationships**
  - Exponents
  - Prime Factorization
  - Order of Operations
    - GEMDAS
  - Properties of Operations
  - Equations and Graphs
    - Additive and Multiplicative Relationships
  - Coordinate Planes

**District Grade 6 Review and Benchmark**

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## Semester 2

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### Term 3

- **Expressions, Equations, and Relationships**
    - One-variable, One-Step Equations and Inequalities
      - Solving, Writing, Modeling
  - **Proportionality**
    - Ratios, Rates, and Proportions
    - Measurement Conversions
    - Fractions, Decimals, and Percents
  - **Geometry and Measurement**
    - Triangles, Rectangles, Parallelograms, and Trapezoids
    - Area
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### Term 4

- **Geometry and Measurement**
  - Volume
- **Measurement and Data**
  - Stem and Leaf Plots & Dot and Box Plots
  - Histograms
  - Mean, Median, Mode, Range, and Inter-Quartile Range
- **Personal Financial Literacy**
  - Checking Accounts
  - Debit and Credit Cards
  - Balance a Check Register
  - Credit History and Reports
  - Methods to Pay for College

**STAAR Review and Grade 6 STAAR Test**

- **Numbers and Operations**
    - Rational Number Review
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