8th Grade Math Curriculum Overview

1st Six – Weeks

- Classifying Real Numbers
- Ordering Rational Numbers
- Scientific Notation
- Review 2- D Figures
- Total and Lateral Surface Area of Prisms and Cylinders

2nd Six – Weeks

- Volume of Cylinders, Cones, and Spheres
- Transformations – translate, reflect, dilate, and rotate 2-D figures on a coordinate plane

3rd Six – Weeks

- Dilations and Similarity
- Parallel Lines (angle congruence), complementary/ supplementary angles, angles of a triangle
- Solve Multi-Step Equations

4th Six – Weeks

- Financial Literacy
- Simple and Compound Interest
- Data (Scatter Plots and Mean Absolute Deviation)
- Linear Functions and Slope
- Proportional and Non Proportional Relationships

5th Six – Weeks

- Pythagorean Theorem
- Writing/Solving Equations and Inequalities
- Review for STAAR

6th Six – Weeks

- Algebra Skills