

## **7<sup>th</sup> Grade Math ROCKS Course Outline & Timeline**

In Math ROCKS we will preload and review the concepts from our textbook and the MCA standards for 7<sup>th</sup> grade.

### **First Quarter:**

Goal 1: We will provide added instruction on concepts that are being taught or will be taught in the classroom.

Goal 2: We will cover the following concepts in the classroom and through the use of Study Island;

- Rational Numbers
- Number Lines
- Absolute Value
- Coordinate Grid
- Compare Numbers
- Equivalent Rational Numbers
- Compute with Rational Numbers

### **Second Quarter:**

Goal 1: We will provide added instruction on concepts that are being taught or will be taught in the classroom.

Goal 2: We will cover the following concepts in the classroom and through the use of Study Island;

- Real Word Problems
- Ratios & Proportions
- Proportional Relationships
- Symbolize Problem Situations
- Simplifying Expressions
- Evaluate Expressions
- Formulas

### **Third Quarter:**

Goal 1: We will provide added instruction on concepts that are being taught or will be taught in the classroom.

Goal 2: We will cover the following concepts in the classroom and through the use of Study Island;

- Circles
- Surface Area & Volume of Cylinders
- Similar Figures & Scale Factors
- Translations & Reflections
- Central Tendency
- Interpret Graphs
- Probability

### **Fourth Quarter:**

We will find what students are still struggling with by using the MCA III practice test and reinforce those concepts so the students are prepared for the test.

**Supplies:**

Notebook, Pencil

**Class Participation:**

Class participation is important in this class. Most of the grade is on class participation.

**Homework:**

There is no homework for this class.

**Attendance:**

Attendance is very important because most of your grade is based on participation.

**Grading:**

Grades are determined by participation and progress in the Study Island program.