

7th Grade Math ROCKS Course Outline & Timeline

In Math ROCKS we will preload and review the concepts from our textbook and the MCA standards for 7th 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.