

Seventh Grade Mathematics Outline

Materials:

We will be using Holt Course 2, 2007 as well as many miscellaneous resources. In addition to this, we will use www.mobymax.com to help us fill in any holes in our knowledge.

Students are responsible for these materials:

Three Ring Binder, loose leaf, pencils, colored pencils, and erasers.

Grading:

Homework, Projects, and In Class Work will be 25% of the grade.

Homework : Homework includes textbook problems, 45 minutes of www.mobymax.com per week, and other small projects and worksheets.

Projects : Larger projects that help students get a more full understanding of concepts learned throughout the grading period.

In Class Work: During class the students will be expected to take notes by filling in “notes worksheets.” The worksheets will help the students recognize good note taking and help them learn to use the notes for assignments. Students may also have worksheets or activities assigned to be completed during class.

Quizzes and Tests (75%): Quizzes assess understanding of lessons on a regular basis. Tests assess the student’s knowledge of the curriculum and the ability to apply it.

***All Assignments must be turned in when due.**

Year Objectives:

1. Understand derived quantities such as density, velocity, and weighted averages.
2. Understand and solve problems involving rates, ratios, and proportions.
3. Recognize irrational numbers.
4. Compute with rational numbers.
5. Understand and apply directly proportional relationships and relate to linear relationships.
6. Understand and represent linear functions.
7. Understand and solve problems about inversely proportional relationships.
8. Apply basic properties of real numbers in algebraic contexts.
9. Combine algebraic expressions and solve equations.
10. Draw and construct geometric objects.
11. Understand the concept of similar polygons, and solve related problems.
12. Represent and interpret data.
13. Compute statistics about data sets.

Classroom Rules

P.R.A.Y.

Politeness, Respectful, Attentive, and Yearning to Learn

This syllabus is subject to change.