

Sixth Grade Mathematics Outline

Materials:

We will be using Holt Course 1, 2007 as our main text 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, pencils, colored pencils, and erasers.

Grading:

Homework, Projects, and In Class Work will be 30% of the grade.

Homework : Homework includes daily assignments, 30 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 (70%): 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. Develop a broader understanding of fractions, work on operations with fractions.
2. Working with negative numbers.
3. Finding equivalent ratios.
4. Solve decimal, percentage, and rational number problems.
5. Begin work with integer exponents.
6. Understanding rational numbers and their location on the number line.
7. Introduction to the coordinate plane.
8. Use of variables when finding unknowns.
9. Distinguish between an algebraic expression and an equation.
10. Begin work on linear equations.
11. Surface area nets.
12. Understanding angles including complimentary and supplementary, alternate interior angles, and more.
13. Geometric constructions.
14. Understanding congruency and basic transformations.
15. Introduction to probability.

Classroom Rules

P.R.A.Y.

Politeness, Respectful, Attentive, and Yearning to Learn

This syllabus is subject to change.