

Algebra I
Mrs. Liggett
2010-2011

TEXT:

Algebra I, 2007 McDougal Littell

PREQUISITIES:

Good arithmetic skills and a prealgebra background is a requirement for Algebra I.

COURSE DESCRIPTION:

The content of Algebra I is organized around families of functions, with special emphasis on linear and quadratic functions. As students learn about each family of functions, they will learn to represent them in multiple ways – as verbal descriptions, equations, tables, and graphs. They will also learn to model real-world situations using functions in order to solve problems arising from those situations. Lessons on probability and data analysis as well as numerous examples and exercises involving geometry will be included in the course to help students prepare for standardized tests and the Kansas State Assessment.

MATERIALS:

- Binder with 3 dividers
- College ruled paper
- Pencil and erasers
- Scientific calculator

CLASS EXPECTATIONS:

There are several expectations that are to be upheld in this classroom. Failure to follow these expectations will result in appropriate disciplinary action in accordance with school policy.

- **Participate in class** (Students should play an active role in the class.)
- **Be prepared for class** (Student should have all necessary supplies/assignments.)
- **Complete all work** (Completion of all class activities and homework is important.)
- **Organize all materials** (Notebook and assignments should be organized.)
- **Be on time** (Students will be on time to class and turn in assignments on the proper date.)
- **Remain in your seat** (Students should stay in their seats until the dismissal bell.)