

MATHEMATICS – ALGEBRA 1

Grade 7&8

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Text: Algebra 1 (Bennett, Burger, Chard, Jackson, Kennedy, Renfro, Scheer, Waits, Orlando,FL: Holt, Rinehart and Winston, 2007. Texas Edition.)

Course Objectives:

Students will become familiar with solving problems algebraically by forming and solving equations and inequalities, and system of linear equations. They also will be exposed to exponential and polynomial functions.

Supplies:

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| 1. Pens: black, blue, and red | 4. Zipped Binder |
| 2. Pencil and white eraser | 5. Graphing Calculator – TI-84 plus Silver Edition |
| 3. 2 Composition Notebooks | 6. Loose papers |

Grading System:

- 25% Homework
- 35% Quizzes, Class-work
- 40% Tests (Projects: double testsgrade.)

Scope and Sequence:

1st Term Aug. 14 – Oct. 17, 2017	Focus 1 <i>Foundation of Algebra</i> Focus 2 <i>Equations</i> Focus 3 <i>Inequalities</i>
2nd Term Oct. 18 – Jan. 10, 2018	Focus 4 <i>Linear and Sys. of Linear Functions</i> Focus 5 <i>Sys. of Inequalities</i> Focus 6 <i>Exponents and Polynomials</i>

3rd Term Jan. 11 – Mar. 23, 2018	Focus 7 <i>Factoring Polynomials</i> Focus 8 <i>Quadratic Functions</i> Focus 9 <i>Quadratic Equations</i>
4th Term Mar. 26 – May 31, 2018	Focus 10 <i>Exponential and Radical Functions</i>