

## **Advanced Algebra**

**Ms. Dudley**

**Room 11**

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**Course Description:** Advance Algebra is meant to follow Algebra and precede Geometry. Topics studied include properties of solving linear equations and inequalities, absolute value functions, graphing, systems of linear equations and inequalities, properties of exponents, quadratic equations, polynomials, rational equations, exponential and logarithmic functions, radicals, probability and statistics, and sequences and series.

### **Supplies Needed:**

1. Notebook
2. Pencils and/or pens
3. A scientific or graphing calculator
4. Computer

**Course Requirements:** Students will be required to:

1. Complete daily work in and outside of class.
2. Take notes on class lectures.
3. Take unit tests and quizzes.

**Grading:** Letter grades will be given on the following percentages:

|        |    |       |    |
|--------|----|-------|----|
| 94-100 | A  | 74-76 | C  |
| 90-93  | A- | 70-73 | C- |
| 87-89  | B+ | 67-69 | D+ |
| 84-86  | B  | 64-66 | D  |
| 80-83  | B- | 60-63 | D- |
| 77-79  | C+ | 0-59  | F  |

### **Chapter Tests**

80% of grade

Chapter tests will have one retake available.

### **Homework and Quizzes**

20% of grade

#### **Homework**

Worth 2 points each. (Every problem must be completed with work.)

#### **Quizzes**

Given periodically.

### **Final Test**

10% of your final course grade.

### **EXTRA HELP ON THE INTERNET:**

Another excellent feature of our textbooks is that there is extra help available on the internet. The website is: [www.classzone.com](http://www.classzone.com) . Once there, click on MATH, then HIGH

SCHOOL MATH, and then ALGEBRA 2. You are now at the main menu for Algebra. Click on the chapter you want extra practice on. You can then click the lesson you want help on, or even do a crossword or game. If you click on a lesson it then displays all of the extra practice resources available. It will give you worksheets to print off and practice, and you can check your answers with me anytime.

**EXTRA HELP WITH ME:**

I am available for extra help most mornings before school (7:30-8:00), after school (3:00-3:30), and during my prep hour. If you need extra help, please talk to me about coming in during one of those times.