

# 8B Algebra Course Syllabus

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Website: <http://www.teachanddiscover.net/education/schools/algi.html>

**Description:** This is a two-semester course study of Introductory Algebra. The course will cover 1) basic topics such as number operations and measurement, 2) general topics such as properties of algebra, graphing, data analysis, and geometry, and 3) problem-solving/critical-thinking topics such as solving equations, applied statistics, lines and equations of lines, and probability. This class meets all of the Wyoming Mathematics Standards and Benchmarks for 8th - 9th grade. A student must pass the High School Introductory Algebra Final in order to move on to Geometry and/or Algebra II at the high-school level as a freshman. No high school credit is awarded for passing the class and advancing. Attending and successfully completing Introductory Algebra in 8th grade allows a student to add more advanced mathematics and science classes to his or her high school schedule and transcript.

**Expectations:** Each day you attend class you will be expected to bring your laptop computer (unless otherwise notified), a hand calculator, and a 3-ring binder full of paper in which you will record notes and important facts, complete homework assignments, answer questions to daily class starters, complete practice exams, and compile project and activity data. A textbook will be sent home the first week of class for home reference but does not need to be brought to class (unless otherwise notified). Parents should be encouraged to follow your progress by referencing this page, your notebook, and your textbook.

**Grading:** Grading will be done in the following manner:

The students will be given a percentage grade based on points earned divided by points total, and the students will also receive a performance and proficiency grade on assignments which meet Wyoming State Science/Math Standards.

- \* Homework: 10 pts. Each Assignment
- \* Projects: 50 pts. Each Activity
- \* Unit Exams: 50 pts. Each Exam
- \* Dist. Assessments: 100 pts. Each Assessment

**Discipline:** The classroom rule is "Respect." If you wish to be respected by your teacher and peers you must learn to respect your teacher, peers, classroom, and other's personal belongings. Failure to uphold the standard will result in verbal warnings, written warnings, lunch detentions with Mr. Mills, or referrals to the office and a visit to the assistant principal. This year is considered a transition year for you and must be treated as such. You will be expected to act as young adults, to be responsible for your own actions, to give an honest effort, and to be self-motivated.

**More Info:** For more information about the course and what we will be covering, please see the website address given above.