

Algebra 1 Syllabus 2015-2016 – Spring Semester

Algebra 1
Mt Si High School

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Class Website: <http://www.mathmulligan.com>

Evaluation

Course grade will be a weighted average of these grades:

Assessments*:	55%
Daily Work**:	35%
Final	10%

Why study Algebra 1?

Algebra 1 is the gateway to exploring and interpreting the world we live in. During this course you will increase your familiarity with variables and formulas, expand your ability to interpret graphs, tables and charts, and develop your abstract thinking skills. The problem solving and reasoning skills you learn and cultivate in Algebra 1 will continue to support your ability to analyze information and make decisions in later math courses.

General Course Topics

- 1: Solving Linear Equations
- 2: Solving Linear Inequalities
- 3: Graphing Linear Functions
- 4: Writing Linear Systems
- 5: Solving Systems of Linear Equations
- 6: Exponential Functions and Sequences**
- 7: Polynomial Functions and Factoring**
- 8: Graphing Quadratic Functions**
- 9: Solving Quadratic Equations**
- 10: Radical Functions and Equations**
- 11: Data Analysis and Displays**

Textbook

Big Ideas Math Algebra 1
by Ron Larson and Laurie Boswell

Instructors

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Calculators – Required

A ti-83 or ti-84 is **strongly** recommended.

Technology is often used in the classroom. Having a graphing calculator readily available is very important to the success of your student in Algebra 1.

I have a **couple (2)** of calculators available in class for those that may not be able to purchase one.

* 4 test retakes will be allowed each semester, for a maximum grade of 75% on each test. Test corrections must be completed; a test retake must occur within one week following the return of tests to students.

**Absences:

In case of excused absences, work due on the day of the absence is due the day a student returns to school. Students have 1 day for every day of the absence to turn in work that was assigned during the absence.

No Extra Credit will be offered.

Grading

C: adequate work that meets all of the expected criteria

D: work that does not meet the basic criteria

B or A: work that exceeds the criteria and shows initiative

“A” students attend class regularly, turn in all work on-time, bring necessary materials to class, take thorough notes, manage time effectively, participate in class discussions, and consistently demonstrate mastery of the content.

Grading Scale

We adhere to the Mt Si High School grading scale.

Tentative Pacing Guide for Algebra 1

<i>September</i>	Complete and assess Chapter 1 Begin Chapter 2
<i>October</i>	Complete and assess Chapter 2 Begin Chapter 3
<i>November</i>	Complete and assess Chapter 3 Begin Chapter 4
<i>December</i>	Complete and assess Chapter 4 Begin Chapter 5
<i>January</i>	Complete and assess Chapter 5 Semester Final Begin Chapter 6
<i>February</i>	Complete and assess Chapter 6 Begin Chapter 7
<i>March</i>	Complete and assess Chapter 7 Begin Chapter 8
<i>April</i>	Complete and assess Chapter 8 Begin Chapter 9
<i>May</i>	Complete and assess Chapter 9 Complete and assess Chapter 10
<i>June</i>	Complete and assess Chapter 11 Semester Final

Teacher Specific Classroom Policies

Students should bring a pencil, eraser, paper, an appropriate calculator and student journal to class on a daily basis.

A mechanical pencil is preferred for my class. I will provide the students replacement lead as needed. Mistakes are common in math and pencil can be erased, pen cannot.

Calculator: Students will need a ti-83 plus or ti-84 plus throughout their high school years and beyond. Both calculators are approved for the ACT and the SAT.

All classroom information, including daily homework, will be updated regularly on my web page: <http://www.mathmulligan.com>. For easy access, the qr code below will link to my web page.

