



ALGEBRA MATH SYLLABUS

Mrs. Saphir & Mrs. Wegener



Textbook Website:

Savvas Realize will be accessed by clicking on any assignment through Google Classroom Classwork

Math Website:

<https://sites.google.com/d118.org/wmsmathwebsite/home>

For updated grades:

<http://d118-powerschool.info/public/>

TOPICS

- Equations and Inequalities
- Linear Equations
- Linear Functions
- Systems
- Piecewise Functions
- Exponents
- Polynomials and Factoring
- Quadratic Functions
- Solving Quadratics
- Working with Functions
- Statistics

CATEGORY DESCRIPTION

PRACTICE: 20%

- Savvas Online Assignments

APPLICATION: 30%

- Lesson Quizzes
- ALEKS

ASSESSMENT: 50%

- Tests
- Exams

EVERYDAY MATERIALS

- Calculator: TI- 30xIIs
- Chromebook
- Write In Textbook
- Pencils
- Spiral
- Folder

EXPECTATIONS

- Before Class: Be on Time. Bring Math Supplies.
- Starting Class: Fill in Assignment Notebook. Prepare to Learn.
- During Class: Be attentive to the lesson. Work on problems with class. Raise your hand, when called on - speak clearly.

DAILY WORK

Students will be expected to participate and follow along in their write-in textbook or notes packet during class. There will also be class time to work through additional problems and examples: in their books, in their spiral or online. This is a critical time for students to be actively working and trying problems on their own while the teacher is present.

Students will then be given homework on most days; through the online Savvas program which allows the students to see immediately if they were correct or not, try again and/or get help in Savvas using Question Help (view an example is the most useful when it is present) or worksheets. By working through the homework problems and aiming on getting them mostly correct will prepare for Quizzes and the Tests. Homework will be accepted until the day of the topic test, however, it is important to complete them on time to be prepared for Quizzes.

WEEKLY WORK

Students will be expected to complete 10 learning topics per week in the ALEKS online program. When students are given a knowledge check, it counts as 5 learning topics. Students should work on this assignment throughout the week.

TESTS

Each Topic in the book will have an end of Topic Test. Students will go over a study guide the day before the test that is a mirror image to what will be expected of them the following day. Tests are paper based, students are expected to show their work and finish during class time.

PEARSON REALIZE/SAVVAS - What you need to know

Savvas Realize will be accessed by clicking on any assignment through Google Classroom Classwork

PROGRAMS- Here is your interactive student textbook.

CLASSES- This is the place to see assignments. There are 3 categories: Not Started, In Progress, Completed.

GRADES- This is the place you can see graded work through Savvas. This **WILL NOT** be your grade in class. You can easily see how many assignments were completed on time, completed past due, in progress, and not started. Please check PowerSchool for your current class grade.

EXTRA HELP AND DEDICATION

If you are struggling to keep up with class let me know right away to get help. It is very important to keep up with the concepts, as math builds on prior learning. You have the power to choose to make this the best year for yourself. Your success is affected by your dedication and effort. The more you are willing to put into this class the better and more enjoyable it will be for you.