

Course Syllabus 2019-2020
Algebra 2

Teacher Information

Instructor: Mrs. Gardner
Classroom: 205
Telephone: (586) 727-7552 ex 2205
E-mail: agardner@richmond.k12.mi.us
Website: <https://mrsgardnerrms.weebly.com/>
Office Hours: 6th Hour Prep

Course Description/Overview

Algebra 2 reviews and extends algebraic concepts from Algebra 1. It emphasis is to apply these concepts to trigonometry and real life situations. This course includes equation solving, quadratics, logarithms, circular and triangular functions, matrices and determinants, polynomial functions, power, root and rational functions, conic sections, sequences and series, and an introduction to trigonometry.

Algebra 2 is a rigorous class with a state mandated, standardized curriculum. This means that students should be prepared to take notes, pay attention, and complete copious amounts of homework **DAILY**.

Course Learning Objectives

The goal of this course is to prepare you for success in college, and in your careers and daily lives by helping you to develop your ability to:

- Explore and solve mathematical problems
- Understand and apply mathematical concepts
- Think critically
- Communicate ideas clearly

Course Text

Algebra 2 BIG IDEAS MATH Ron Larson

Course Supplies

Remember Your **PANTS!**

- ❖ Pen or Pencil
- ❖ Agenda
- ❖ Notebook or Binder
- ❖ Textbook

A Graphing Calculator is suggested (TI-84 or TI family is best)

You are expected to be on time and prepared for class every day.

Wish List Supplies:

- Kleenex
- disinfecting wipes
- hand sanitizer with pump

Grading System

Grading Scale

This is a high school credit class. Traditional grading will be used.

The quarter grade is based on two parts:

Summative Assessments 80%	Formative 20%
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Summative assessments (including tests and projects) are 80% of the grade. **Formative assessments** (including warm-ups and daily homework) are 20% of the grade. Students have until the summative assessment is given on that particular topic to hand in work and receive reduced credit. Once the assessment is given, homework will not be accepted or given credit. *Grades will be updated weekly in Power School.*

Grading Scale:

100% - 93% = A	76% - 73% = C
92% - 90% = A-	72% - 70% = C-
89% - 87% = B+	69% - 67% = D+
86% - 83% = B	66% - 63% = D
82% - 80% = B-	62% - 60% = D-
79% - 77% = C+	59% & Below = F

Quizzes/Tests: A simple point grade will be assigned for each quiz and test. (Example: 9 out of 10 points) **Quizzes and Tests** will be open response assessments and shared with students once completed. **Unit Tests/ Finals** will recap the material that was covered on the previous quizzes and tests. Finals are the **property of the school.**

Homework: A simple point grade will be assigned for homework. Homework may not be collected by the teacher every day; however, students will have the opportunity to check the accuracy of their work each day in class. Collection of homework is subject to the discretion of the teacher. Your homework should be ready to be turned in daily.

Assignments will be required for this class. It is extremely important that you give your best effort when completing these assignments. Math is just like a playing a sport or an instrument; it requires practice to be successful. In order for me to help you in math, I need to know what you are able to do. Therefore, it is important that all work you do is your own. This means you should not copy work on tests, quizzes, or homework. This includes copying from other students or the back of the book. Study groups are encouraged. Working together is not the same as copying.

Retakes:

Summative assessment retakes are available and highly encouraged, based on the following principles and process:

- 1. Number of retakes:** The sliding scale below would be used to balance student responsibility and mastery learning concepts. **The percentage listed below is the percent of summative exams the student may retake in each course.**

	Grade 7	Grade 8	Grades 9-12
1st Quarter	100%	100%	50%
2nd Quarter	75%	50%	50%
3rd Quarter	50%	50%	50%
4th Quarter	50%	50%	50%

- One retake per summative assessment is available.
- The higher score is the only score of record.
- The student has no missing assignments. Work completed and turned in as part of the requirement for a Summative Retake, will be accepted, but not graded.
- A retake form (a written request by the student including an explanation for requesting the retake) must be completed and returned prior to the agreed upon retake date.
- The assigned supplemental assignment and test corrections are due the day before the agreed upon retake date.
- Note: Retakes are in a different format than the original summative assessment.
- Retakes may be taken during advisory time or before or after school.

Attendance/Late work:

There is a strong correlation between students' grades and their attendance. Being in class **every day** is extremely important to a student's success! Students who miss class are required to obtain missed assignments and notes. Assignments from the previous day will be listed on course website and in the back of the room. If prolonged absence occurs special arrangements will be made to have work completed. It is your responsibility to make up all work missed as a result of your absence. They have the same number of days to complete the work as they were absent. Work that is late for any other reason will only be accepted with a handwritten note from a parent or guardian explaining the extenuating circumstances and the grade is at the instructor's discretion. Late work will not be accepted after the chapter test. Late work will be marked half off.

Planner:

It is required that students bring their planners every day to class. At the beginning of each class, we will write out the agenda as a whole group. This is a great tool in helping students stay organized, and develop good study habits. It also enhances the communication between my classroom and home. Additionally, in order to use the restroom or get a drink students must have the pass filled out in their planner.

Class Policies

Behavioral standards:

- ❖ Be Respectful.
- ❖ Come Prepared.
- ❖ Contribute to a Positive Learning Environment.
- ❖ Use Time Effectively.

Discipline Plan:

If a student does not comply with the above expectations and school policies, the following steps will be taken to resolve the issue.

1. Redirection from undesired behavior
2. Verbal warning
3. Conference with student (depending on frequency and severity of issue, parent may be contacted)
4. Referral to the office for further disciplinary procedures and parent contacted
(Please note that serious disruptions or actions that present a safety threat may require that the student be referred to the office immediately, without the progression of the steps listed above.)

Course Schedule

The schedule is subject to change, due to snow days or otherwise, at the teacher's discretion.

1st Semester

Equations and Inequalities
Linear Relations and Functions
Systems of Equations and Inequalities
Quadratic Functions and Relations
Polynomials and Polynomial Functions
Inverses and Radical Functions

2nd Semester

Exponential and Logarithmic Functions
Rational Functions and Relations
Conic Sections
Sequences and Series
Probability and Statistics
Trigonometry(may be reviewed earlier in year for PSAT)

The idea of a passing grade is not the mathematical calculation of percentages, but the notion of a student knowing the material from the class.

My expectations are high and I believe that you have chosen this class because you are serious about learning. I will help you succeed in this goal and these requirements have been designed to allow you to achieve to your highest possible level. You will have to be an active learner and work hard to reach that level and succeed in this class.

Please call if you have any questions or concerns. The quickest way to reach me is by e-mail.

Please have your parents read and sign the syllabus, and return it to me. This will be your first assignment grade.

Sincerely,

Mrs. Gardner

We (I) have read the syllabus and agree to the policies and procedures described above.

Student's Name _____ Date _____

Parent or Guardian _____ Date _____

Parent's Email Address _____

Questions or Concerns?