**Algebra II**

Ms. Sapp

Room 127

www.mssappsmathwebsite.weebly.com

**Welcome to Algebra II!**

It is my hope that you will find this course interesting, challenging, and worthwhile. It will be fast-paced, and it is YOUR responsibility to keep up with your school work.

**Tutoring times:** Tuesdays and Wednesdays 4:00 – 5:30 (additional tutoring sessions will be offered on an as-need basis). If a student’s grade falls below a B, she is expected to attend tutorials at least one day per week until the grade is raised to an 80. There will be a tutoring sign-up sheet located on the second floor. If you need tutorials, you will be required to sign up on the day that you will attend tutorials. Additionally, you will sign in for tutorials and note the time you arrived and left and the reason you attended tutorials.

**Calendar and Packet**: Located in this packet is a calendar for the entire first semester. The entire packet is uploaded on Ms. Sapp’s website in pdf form. The first few pages are a table of contents and a road map of the semester (i.e. concepts covered each day, activities, Socratic Seminars, project due dates, homework, quiz and test dates, etc.). Should dates change, Ms. Sapp will notify students to alter their calendars and will update the calendar on her website as well. Behind the calendar is the notes needed for the three week quizzes – if any handouts/notes are necessary for study, they are included. Articles for Socratic Seminars are located behind three week quiz material, and homework pages are behind that. Each section is separated by a title page that includes directions and expectations and responsibilities of the student within that section.

**What Can You Expect?**

**Interactive journals** will be required to have ALL notes in Cornell note format with any additional handouts/activities included in a pocket in the notebook. These will be your best friend – some quizzes/exams may be open note. Random journal checks will be given.

**Homework** will take approximately 30 minutes to one hour PER NIGHT. Note that we are on a block schedule; this means one to two hours of homework will be given for each class. All homework for the entire first nine weeks is included in this packet. Homework will account for 60% of the student’s final grade.

**Three week Quizzes** will be given over material not covered in class (less the first three week quiz, which is over attributes of functions). It is up to the student to discipline herself and study the material on her own. These will be timed quizzes given at the beginning of class and will include a variety of topics. The expectation of what should be studied and learned for each quiz is noted in the first quarter packet.

**Socratic Seminars** will be done at least once per nine weeks. The student is expected to read the article, mark it, and come to class on the day of the seminar prepared with questions. Grades will be given on participation and will count as a double daily grade.

**Journals** will be given periodically throughout the nine weeks. Due dates are included on the calendar. These are problem-solving based, and specific rules and instructions are noted in the next few pages of this packet. Journals will count as daily grades, which account for 60% of the student’s final grade.

**Additional work** not on calendar may be given at Ms. Sapp’s discretion. These may include tutorial videos on her website that will be required to be watched, reflections and summaries over material, and additional math problems.

**Exams and Quizzes:** Two unit exams, one “CBA,” three “three-week quizzes,” and any additional pop quizzes will be given each nine weeks. These will account for 40% of the student’s final grade.

**Absences / Homework / Notes:** The calendar is set. If you are absent, you are responsible for copying notes from someone else, attending tutorials, and turning in your homework in the proper time frame according to the rules set by YWLA. Missed quizzes and exams will be made up after school the Tuesday or Wednesday following the absence date. If not completed in a timely manner, the student will receive a 0; no exceptions. If you are constantly absent – you should have a textbook with notes and examples as well as an Algebra II packet that includes all needed materials and expectations; you will have to keep up with the work load.

**Late Work:** Please note that we grade EVERY homework at the beginning of class on the day that it is due, and they are taken for a daily grade. We do this so that any issues can be addressed and clarifications can be made before we move on with the topic. In mathematics, it is imperative that students do their homework for each and every class because the concepts progress and build on prior knowledge/concepts – if a student fails to attempt/complete her homework, she will fall behind.

**Academic Dishonesty** will not be tolerated. Cheating in any form will result in a grade of a zero. Repeat offenses will be handled according the YWLA policy (p. in student handbook ).

**Extra Credit:** No extra credit will be offered for this class.

**Re-dos:** The re-do policy is in line with the policy set by YWLA (p. in student handbook).

**Major topics covered in Algebra II:**

First Nine Weeks Second Nine Weeks Third Nine Weeks Fourth Nine Weeks

Foundations of Functions Quadratic Functions Power Functions Hyperbolas

Transformations Factoring Rational Functions Ellipses

Systems of Equations Exponential Functions Systems of Inequalities Circles

Matrices Logarithmic Functions Linear Programming

Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Student ID:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please sign below and fill out the information that follows.

I have read Ms. Sapp’s syllabus and understand what is expected of me in Algebra II in the 2012-2013 school year at YWLA. I have received the syllabus, calendar, and packet that includes homework pages, Socratic Seminar text, study pages for all of the three-week quizzes, and journals that are included in the first nine weeks.

Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

---------------------------------------------------------------------------------------------------------------------

Parent / Guardian Contact Information:

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Home Phone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell phone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Any information you wish to include about your child:

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_