**Pre-Calculus**

Ms. Sapp

Room 127

www.mssappsmathwebsite.weebly.com

**Welcome to Pre-Calculus!**

It is my hope that you will find this course interesting, challenging, and worthwhile. It will be extremely 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 page is 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. The last section consists of the journals – these are somewhat like “weekly problems,” but they are more problem solving based and are only given three per nine weeks. Each section is separated by a cover sheet that includes directions, 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 semester not in your textbook is printed and 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. 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 quiz information is noted in your 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 a pre-calculus 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 Pre-Calculus:**

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

Polynomial Functions Trigonometric Functions Systems of Equations Hyperbolas Logistic Functions Trig Identities / Expressions Matrices Ellipses

Power Functions Quadratic Functions Trig Functions (cont.) Circles

Exponential Functions Trig Identities (cont.)

Rational Functions

Logarithmic Functions

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 Pre-calculus this 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 included in the first semester.

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:

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

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

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

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

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