STATE OF TENNESSEE
DEPARTMENT OF EDUCATION
NINTH FLOOR, ANDREW JOHNSON TOWER
710 JAMES ROBERTSON PARKWAY
NASHVILLE, TN 37243-0375

BILL HASLAM
GOVERNOR

CANDICE MCQUEEN
COMMISSIONER

Course Title: Precalculus

Teacher: Dr. Micki Phipps   **Email:** mphipps@york.k12.tn.us

Prerequiste: Algebra I, Geometry, Algebra II

Course Description:
      Pre-Calculus is an advanced mathematics course that uses meaningful problems and appropriate technologies used with previously learned mathematical concepts to develop the underpinnings of calculus. Topics included in this course are as follows: Functions and their graphs, Polynomials and Rational Functions, Exponential and Logarithmic Functions, Trigonometry, and Calculus concepts. This course moves quickly and you will be expected to study/review notes every night. The first nine weeks will be spent on algebra review and precalculus topics while the second nine weeks will be focus on Trigonometry.

Materials Needed: You will have calculator in the classroom. You may want one at home. You will need a **scientific calculator** if you chose to have one. You will need **pencil** (work will NOT be done in pen) and **paper**. You will take notes every day. Bring your supplies.

Required Texts: Glencoe – Precalculus

Grading:
        Tests – 35%
        Quizzes – 30%
        Daily work/Homework/Participation – 20%
        Midterm/Final Exam – 15%

Teacher Beliefs: I consider this class to be extremely important. Most students will need the math in this class for future college courses. It is my responsibility to help you be successful in college math. I will push you in this class to try to get to you ready for future math classes. It is your responsibility to talk with me when you are first starting to struggle. I will work with you to help you learn in any way I can. I also expect you to utilize the free tutoring program offered by the school. Students will be expected to know what has been taught the previous day. Some concepts will take a few days for us to learn, however, most will be taught in a single class block. You should understand the previous days' work when you come to class. I also expect you to help each other in the class. Ask other students for help and help others when asked. Also ASK your teacher for help when you are not understanding the content. My job is to help you learn. Do not sit there and be quiet when you don't understand something. I want you to be successful in this class and future math settings!

Classroom Rules:
1. Students will be in class ready to work before the late bell rings.
2. Students will respect others and the property of this class.
3. Students will NOT behave in any way that disrupts the learning process.
4. Students will do their work in pencil. No pens will be used.
5. Students will have 3 days to make up work for excused absences. All work must be made up before or after school. Unexcused absences will result in a zero. It is the student's responsibility to show the excuse to the teacher and to make up all work missed.

Course Requirements:
Tests – Approximately 6 excluding mid-terms and finals
Quizzes – Approximately 1 to 2 quizzes per week – announced and unannounced
Daily Work – Will be taken occasionally and will always be announced
Homework – Will be taken once a week and randomly selected

_____   _____
Student Signature   Date

_____   _____
Parent Signature   Date

Mission: "To serve as a model rural school of excellence where all stakeholders prepare and excel"
Motto: Prepare and Excel