Ola High School
GSE Pre-Calculus
2017-2018

Instructor: Ms. Coons – laura.coons@henry.k12.ga.us
Room #:   125

Course Description: GSE Pre-Calculus
    GSE stands for Georgia Standards of Excellence

Materials/ Supplies:
You will need pencils, notebook paper, a 3-ring binder, and a scientific calculator. Please set up your binder in a way that makes sense to you (ex. divider tabs for each unit or tabs for warm-ups, notes, and assessments). If you do not have a scientific calculator, I recommend the TI-36X Pro. Graphing calculators (TI N-Spire) will also be used throughout the year and will be provided as needed during class. For homework, you will need to gain access to Desmos, a free graphing calculator which can be found on the Internet at www.desmos.com or downloaded as a free Apple app.

Bring Your Own Technology (BYOT):
In addition to graphing calculator technology, we will periodically use technology as a tool for learning. Students who are found to be using devices for anything other than instructional purposes will be dealt with according to the school's disciplinary procedures.

Course Content:

1st Semester:	2nd Semester:
Introduction to Trigonometric Functions	Matrices
Trigonometric Functions	Conics
Trigonometry of General Triangles	Vectors
Trigonometric Identities	Probability

Standards of Mathematics Practice are addressed throughout the learning tasks throughout the year!
1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.

Grading Policies: You must show all work (even if you use a calculator) to ensure full credit is received for correct answers. Each *semester* grade will be calculated as follows:

    Assessments – 80%   Final Exam – 20%

      A = 90 – 100   B = 80 – 89   C = 74 – 79   D = 70 – 73   F = 69 or below

Warm Ups:
Students should enter class and immediately begin working on the warm up activity found on the board. Students are responsible for keeping up with these questions, as they may be relevant to current or future tasks and may be used for unannounced quizzes throughout the semester. Warm-ups may include sample SAT questions, questions from the current unit, or problems from previously covered units.

Homework:
Homework is an important part of learning mathematics and will be assigned as necessary. A mixture of task related and textbook based assignments will be used to help students master the content being covered. Work must be shown for each problem. Homework may be checked for accuracy. The frequency of these checks is at my discretion.

Practice:
You are expected to attempt, complete, and check every assignment. ***Practice problems will be assigned regularly.*** Mathematics is learned by practice; therefore, you are expected to do your homework when assigned. **You are expected to check your own practice problems** as we review them in class. There will be an unannounced homework checks throughout the year, which may be graded for accuracy or bonus coupons may be awarded. Homework grades may be entered into IC for record-keeping, but will not affect your overall grade. You are expected to keep your assignments organized in your notebook at all times. *Always* show all your work. This helps me see how you are processing the problem. If asked to, be able to explain your reasoning, verbally or written.

Final Exams:
The final exams are cumulative. I highly recommend reviewing past material periodically so you are not overwhelmed reviewing at the end of the semester.

Attendance:
Attendance is extremely important. You miss valuable class discussions that help you master topics being covered when you are absent. It is the responsibility of the student to make arrangements to make up missed work or assessments and secure all notes from classmates. *Class time will not be spent completing makeup work*.

Makeup Work:
- A student who has been absent (EXCUSED) is responsible for meeting with me within two days of returning to school to arrange for makeup work. The time during which makeup work must be completed should not exceed the number of days missed by the student. For example, a student who was absent (excused) for three days will have two days (maximum) to arrange for makeup work and three days (maximum) to actually make up work - a total (maximum) of five days. Makeup work for this student is eligible for maximum credit for correct work.

Availability:
I am available for tutoring during B, C, and D Study Halls. I am also available by appointment after school to help you unless I have a meeting, or a parent conference. After school tutoring must be scheduled in advanced in order to avoid conflicts. I will be available before school during second semester only.

Restroom / Hall Passes:
No passes will be issued during the first or last 15 minutes of the class period. Passes will be given using the student grids.

<div align="center">

Classroom Management Behavior Guidelines

</div>

1. Come prepared (bring materials & homework, have personal electronics turned off & put away, etc.).
2. Be respectful (speak kindly, allow each other to learn, keep your workspace neat, etc.).
3. Work hard - BELL to BELL.

NO FOOD or DRINK!!! (CLEAR water in its original container is allowed)

Ola High School
GSE Pre-Calculus
2017 - 2018

Please fill out, sign, and return this form. There is a reward for anyone who returns the form during the first week of school!

Instructor: Ms. Laura Coons – laura.coons@henry.k12.ga.us **Room #: 125**

Classroom Management Behavior Guidelines

1. Come prepared (bring materials & homework, have personal electronics turned off & put away, etc.).
2. Be respectful (speak kindly, allow each other to learn, keep your workspace neat, etc.).
3. Work hard - BELL to BELL.

NO FOOD or DRINK!!! (CLEAR water in its original container is allowed)

Calculators: Successful mastery of all of the objectives in this course necessitates the frequent use of calculators. Students will need to bring a scientific calculator to class. Students may also, at times, use the TI-Nspire graphing calculator in class. Students will be fined if an assigned calculator is lost or damaged.

I have read and understand all of the objectives, requirements, and expectations for this course.

_____
Student name (please print)

_____   _____
Student signature   Date

_____
Parent/ Guardian name (please print)

_____   _____
Parent/ Guardian signature   Date

CONTACT INFORMATION: Please let me know the best way to reach you (e-mail or phone):

Parent/ Guardian E-Mail or Phone: _____