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Syllabus Disclaimer

A syllabus is not a contract between teacher and student, but rather a guide to course procedures on attendance, participation, requirements, grading, goals and objectives. The mathematics department reserves the right to amend the syllabus when necessary to best fulfill the course objectives. Students will be duly notified.

Course Description

It is in Advanced Algebra that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into six critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to model periodic phenomena. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.

Course Prerequisite

Successful completion of Geometry

Georgia Performance Standards

The course standards for GSE Algebra II can be found at

<https://www.georgiastandards.org/Georgia-Standards/Frameworks/Algebra-II-Advanced-Algebra-Standards.pdf>

GSE Algebra II

Unit 1: Quadratics Revisited

Unit 2: Operations with Polynomials

Unit 3: Polynomial Functions

Unit 4: Rational & Radical Relationships

Unit 5: Exponential & Logarithms

Unit 6: Mathematical Modeling

Unit 7: Inferences & Conclusions from Data

Evaluation of Student Work

		<i>Grading Scale</i>	
Tests	60%	A	90 - 100
Quizzes	30%	B	80 - 89
Daily Work	10%	C	70 - 79
		F	Below 70

Availability for Extra Help

The Mathematics Department will provide a tutoring schedule. If you are having difficulty understanding material, please do not wait until just before a test to come in for assistance.

Supplies/Notebook

A one and a half or two-inch three-ring binder (notebook) with three dividers is needed for this class. The dividers should be labeled as follows: (1) Syllabus and Standards, (2) Notes/Graphic Organizers/Daily Assignments (practice exercises/tasks and projects), (3) Graded Assignments, and Pencils, loose-leaf paper, graph, paper, glue sticks, colored pencils/markers, and scissors will also be used in class. I suggest purchasing a graphing calculator, TI-84 will be used in class.

Notebook Reminders

1. Keep all notes and practice problems neatly in the order given.
2. **Use pencils only. Work written in ink does not allow for mistakes.**
3. Daily assignments should be done on a separate sheet from notes. **Label the assignment with your name, topic, date, and period in the upper right hand corner of the paper.**
4. You may clean out your notebook after each Unit, but successful students will save notes to study for exams and the Map tests.

Daily Classroom Procedures

When you first enter the classroom:

1. Make sure you have your notebook, workbook, pencil, calculator, and completed assignments.
2. Turn in your homework.
3. Sit in your assigned seat.
4. Place everything but your instructional materials on the floor.
5. Begin "Do Now" activity while attendance is being taken.

When you leave the classroom:

1. Make sure you have written down the homework.
2. Leave your desk area clean.
3. Place borrowed supplies in the appropriate location.

Writing Across the Curriculum

Writing is a powerful mode of learning. When students are able to write about the content being taught, they have a better understanding of the materials and can retain the information longer. All students will be required to respond to **at least 2** constructed response questions each nine weeks using complete sentences.

Constructed response questions are increasingly used on standardized tests ranging from the statewide assessments that usually begin in third grade all the way up to the college placement exams such as the SAT and ACT. To understand and answer the constructed response question, memorize the acronym "RACES". This stands for reword, answer, cite, explain, and summarize. If you are able to restate a question, provide an answer using evidence cited from the prompt given, and then explain how that evidence does, in fact, support the answer, you will probably score well on the constructed response section of any exam you take.

Performance Tasks

Homework

Homework will be assigned daily as a tool to help you to acquire math content, develop confidence in problem solving, and develop your math skills. Students are expected to show all work. Homework will be graded or corrected in class. Other means of checking homework for accuracy and completion are also possible.

Working together on classwork and homework is encouraged, copying is prohibited. Be careful when you ask another student for help. Make sure you understand the solution. Putting an answer on your paper means that you understood that problem and could explain it to the entire class. Please review the school's policy on cheating.

Makeup Work and Attendance

Attendance is an extremely important part of class. Your success depends on your being in class every day. Absent students will have their own individual folder placed in a crate or tub in the back of the classroom. Missing assignments will be placed in the folder. It is the student's responsibility to get the notes and assignment that are missed when absent. An excused absence does not excuse the work. If you are absent, you will follow the JCHS policy regarding makeup assignments.

Recovery Policy for the Classroom

Assessments are used to gauge the level of mastery within a given time frame. For this reason, if a major unit summative assessment ("test") grade is higher than its corresponding unit formative assessment ("quiz"), the test grade can replace the quiz grade because it would demonstrate an increase in the level of mastery within the allowable time frame.

Test Preparation Across the Curriculum

Formative and summative evaluations will contain ACT/SAT formatted questions. Quizzes will be given on a regular basis. Quizzes may or may not be announced, so be prepared by asking questions if you do not understand something. You must show all work on quizzes to receive full credit.

Tests will be cumulative in nature, so be sure that you keep reviewing prior topics. Daily assignments, quizzes or tests questions will be any combination of constructed response, multiple choice, true/false, or matching. You will be given credit only for answers that show work. You will not be given credit for problems with no work, regardless if the answer is correct. The Georgia Department of Education formula sheet will be allowed on all quizzes and tests. You are required to keep all returned tests and quizzes in you notebook. Do not throw away any assignment.

Progress Reports

Keep all papers handed to you in the appropriate place in your notebook. Keep a record of your grades as you receive them.

Infinite Campus

The teacher will update grades in Infinite Campus weekly. Unit tests will be entered into Infinite Campus to show when they will be given once the dates have been announced in class. Infinite Campus is a software program that links parents and teachers by allowing parents to access their student's grade and attendance. All parents are encouraged to register for this service. Additional information is available in the Guidance Office.

Classroom Rules

Rules are necessary whenever a group of people work together. Knowing what is expected of you should make class easier for everyone. You are expected to know all of this information after the first day of school. Please refer to the *Student Handbook* for additional rules and regulations.

Class Rules

1. Be in your assigned seat and begin working on the Bell Ringer/Warm Up *before* the tardy bell rings.
2. Bring your notebook, paper, calculator and pencils to class daily.
3. Students are expected to conduct themselves in an appropriate manner at all times as outlined in the JCHS Student Handbook. Discipline for unacceptable behavior and tardies will be dealt with as described in the *Student Handbook*.
4. Ms Smith does not permit students to leave class during the first 10 minutes or the last 10 minutes of each class period. Try to take care of all personal needs before coming to class. Be sure to visit the restroom and water fountain between classes.
5. Do *not* adjust or touch the air-conditioning thermostat.
6. Do *not* touch the teacher's desk, papers, or personal belongings.
7. Keep your work area clean and neat.
8. Respect the rights and property of others. Refrain from the following: verbal and physical abuse; vandalism; inappropriate touching; disrupting the learning of other students; taking the property of others; talking during announcements, *News 4 You*, while the teacher is talking, or when someone comes to the door.
9. *Do not cheat*. Anyone caught cheating in any way at any time will receive a zero on that activity or assignment. Remember, the inappropriate giving or receiving of information is cheating.
10. No eating, or drinking is allowed in class.
11. Cell phones and other electronic devices are permitted on the premises, but not allowed in the classroom unless sanctioned by a classroom teacher as part of an instructional exercise. Any student caught using an unauthorized electronic device during school hours will have his/her device confiscated.
12. The teacher, not the bell, dismisses you.

REMIND101 instructions

This year we are integrating a way to let parents and students know when projects and important assignments are due. You will be able to receive a text message from our classes if you or your parent signs up for remind101.

What is remind101?

Remind101 is a website that provides a safe way for teachers to text message or email students and parents without exchanging personal phone numbers. The service is free, but standard messaging rates do apply. If you have an unlimited text plan from your phone carrier, then you do not pay anything. The only time you pay is when you have exceeded the maximum amount of “texting” minutes according to your personal phone plan.

How does remind101 work?

First, we will share a code with students or parents. At that point, any student or parent who sends a text message with the code will be “subscribed” to the class. Any time we send a message from remind101, all the students or parents subscribed will receive it.

How do students/parents sign up?

Students and parents sign up for notifications by sending a text message with our class code (example: text @code to 555-555-5555).

If you would like to get texts from **Ms Smith’s class**:

send a **text** message to: **81010**

in the message box write:

@6fe2g8

Press to send

Or Join by following the link: remind.com/join/6fe2g8

To unsubscribe, reply with **unsubscribe** in the subject line. For additional information, visit remind101.com.

remind101

Student name (printed, last name first) _____

Please read and sign the following, and have a parent or guardian read and sign it as well before returning it to Mr. Quigg.

I have received and read a copy of the syllabus during the first week of enrollment in this class. I understand the expectations and responsibilities. Should assistance be needed in obtaining any of these supplies, I will contact Mr. Quigg. Otherwise, it is assumed that each student will come to class daily with all of the supplies listed. Materials will not be loaned; all students must bring their notebook/paper, pencil, calculator and textbook to class daily.

Parent/Guardian Acknowledgement Section

Print Name

Signature

Date

Cell: () - Work: () - Home: () - _____

Email Address (es)

Student Acknowledgement Section

Print Name

Signature

Date

Cell: () - _____

Email Address (*optional*)