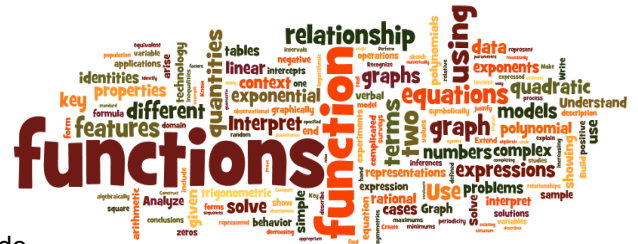




⇒ Sign up for Class Dojo
 ⇒ Remind @jheggsalg2

Westside High School
Algebra 2
Mr. J. Heggs



Personal Information

B.S., Computer Science, Augusta State University / Troy University
 MBA, Salem University (Master Business Admin.)
 Certified Mathematics Education 6-12;
 5 years teaching experience Post- Secondary Level, 2 Years @ Westside
 Email: heggsje@richmond.k12.ga.us School Phone Number: 706-868-4030

Course Description and Goals:

Algebra II/Advanced Algebra is now the second course, the culminating course, in a sequence of three high school courses designed to ensure career and college readiness. It is designed to prepare students for fourth course options relevant to their career pursuits. The standards in the three-course high school sequence specify the mathematics that all students should study in order to be college and career ready. Additional mathematics content is provided in fourth credit courses and advanced courses including pre-calculus, calculus, advanced statistics, discrete mathematics, and mathematics of finance courses. High school course content standards are listed by conceptual categories including Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Conceptual categories portray a coherent view of high school mathematics content; a student's work with functions, for example, crosses a number of traditional course boundaries, potentially up through and including calculus. Standards for Mathematical Practice provide the foundation for instruction and assessment.

Topics of study include:

- Ø Quadratics Revisited (3-4 Weeks)
- Ø Operations of Polynomials (3-4 Weeks)
- Ø Polynomial Functions (4-5 Weeks)
- Ø Rational and Radical Relationships (5-6 Weeks)
- Ø Exponential and Logarithms (4-5 Weeks)
- Ø Mathematical Modeling (4-5 Weeks)
- Ø Inferences and Conclusions from Data (3-4 Weeks)

Students will be able to:

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with Mathematics
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.



Welcome to a new and exciting year in mathematics! Since Algebra II is a college preparatory, fast-paced class, I expect you to follow the “Heggs’ B’s”—**be on time, be prepared, be on task and be respectful, be ready.**

Required Materials

1. A sturdy 1 ½-2 inch 3 ring binder, with lots of loose leaf paper. The Algebra 2 notebook should contain your warm-ups, homework, handouts/notes, tests, and assessments. Many notes will be taken and it is absolutely necessary for you to be **organized**.
2. A good supply of pencils with erasers. Work in pen is highly discouraged.
3. A graphing calculator (TI -84) \$99 @ Walmart!



In order to learn the math concepts presented in class, you should **practice algebraic problems and vocabulary every day**. **Homework** will be assigned almost daily and you are expected to come to class with all homework assignments completed. Homework may be collected or checked by me on an unannounced basis and grades will be given on effort and/or accuracy, depending on the assignment. **NO work equals NO credit.**

But most importantly, **Do your classwork and homework! It is not a punishment. Math, unlike many subjects can and needs to be practiced.** I expect you to be prepared to ask questions about your assignments. I cannot help you if you do not ask for it.

Westside High School

Algebra 2

Mr. J. Heggs

Class Expectations

- Be on Time—in your seat when the bell rings.
- Be Prepared—Sharpen pencils and throw papers away before class or after the assignment has been given – never during class while instruction is going on.
- Be on Task—we have a limited amount of time each day, and a lot of math to learn. No day dream/free time.
- Be Respectful—of others and myself. I do not tolerate negative towards my students.

Grading

50%-- Tests, & Quizzes,
40 %-- Daily assignments, Labs, Classwork
10% -- Homework Grade

Class Absences

- Is Discouraged!
- **Unexcused Absences: Make up work will be considered on a case-by-case basis.**
- **Missed Tests:** Tests assigned before your absence and given on the day of your absence must be made up on the day you return, before school at 7:15. If you are present when a test is assigned and you only miss the day we review, you will be required to take the test on the scheduled day

Parents: I believe every student can succeed in math. Some may reach this success easier than others do but all can succeed. Please e-mail me if you have any concern: heggsje@boe.richmond.k12.ga.us

Please fill out this sheet and return to me. If possible, I would like to be able to email you and have you email me if you have a concern.

Student Name _____ (please print)

Parents Name _____ (please print)

Parent Signature: _____ Date: _____

Daytime Parent Phone Number: _____

Alternative Parent Phone Number(s): _____

Home Phone Number: _____

Parents Email address: _____ (Please Print)

Please check one of the following:

I do not have email. Please call me at the above number(s) _____

If you have email, please send me an email with your child's name and class period on the subject line. This will ensure I have the correct email address and allow me to sort emails by class periods.

My email address is heggsje@boe.richmond.k12.ga.us.org

I have email and will respond to your request _____

I look forward to teaching your child this year and anticipate it to be a great year. If there is something you would like to tell me about your precious child please let me know.

Please tell me something about your child: