Cross Creek High School
Algebra II
Course Syllabus

Ms. E. Bezue, Instructor   Room Numbers: 307
School Phone: 706-772-8140   2nd Period Planning
Email address: bezueel@boe.richmond.k12.ga.us

Join Remind: (Text Number: 81010) Class code: _____

Welcome to Cross Creek, the home of the Razorbacks!

Welcome to a new and exciting year in mathematics! I am asking that you respect my *no phones policy* (PHONES = ZEROS). This is extremely important since the majority of our work is done in class. You must understand that you will need to be **on task** for the entire class period each day.   I expect you to come to class **prepared, alert, and rested**. If you are absent, please check CANVAS and REMIND, so that you will be prepared for class when you return.

Students are expected to **be prepared** for class each day with **pencil, textbook, notebook (a two inch 3-ring binder with notebook paper), and scientific calculator.** The notebook should have the Algebra II syllabus in the front and dividers for warm-ups and each unit. Being organized and having your own calculator will contribute greatly to your success in this class.

Students will be working in **cooperative learning groups/pairs** at various times this year. By discovering mathematical concepts, you will benefit from, and provide help to others when you work in groups. **Each person** in a group will be **expected** to make a contribution to that group, and graded accordingly. If you are experiencing difficulty in the class, you are expected to ask questions and actively participate. I cannot help you if you do not ask for it. Asking questions and being actively engaged in class can prevent feelings of frustration.

In order to learn the math concepts presented in class, you should **practice math problems and vocabulary** every day. When completing homework, show all steps used to solve the problems, similar to the notes you have taken in class. Showing all your work will help you gain a better understanding of the math processes involved in working each problem. **NO work shown = NO credit!!!**

Course Description:

This course is designed to provide the student with a solid foundation in the algebraic concepts required in high school level math classes and beyond. A combination of formal and informal approaches will be used as well as inductive and deductive reasoning. Mathematical concepts and skills will be explored in the context of authentic problems. Students will develop conceptual knowledge and learn to think critically. The solving of problems using algebra will be emphasized. Calculator and computer usage will be encouraged to be used as appropriate. The Mathematical Practice Standards apply **throughout** each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Course Outline:

Anticipated Units of Study	Time Length (approximate)
Unit 0: Think Like a Mathematician	2 Weeks
Unit 1: Quadratics Revisited	3 Weeks
Unit 2: Operations with Polynomials	3 Weeks
Unit 3: Polynomial Functions	4 Weeks
Unit 4: Rational and Radical Relationships	5 Weeks
Unit 5: Exponential and Logarithms	6 Weeks
Unit 6: Inferences and Conclusions	2 Weeks
Algebra II Review	2 Weeks

Required Daily Course Material: *Complete Supply List on Ms. Bezue's CCHS Website*

Three-Ring Binder (2 inch); loose-leaf paper; Textbook; Calculator; **PENCILS; PENCILS; PENCILS**
Calculator: Sharing calculators is **NOT** allowed. Sharing a calculator during a quiz or test will be considered cheating and will result in a grade of **zero (0)**. Cell phone calculators may **NOT** be used!!!

Grading Policy: The following is a summary of basic course requirements:

Type of Assignment	Grade Percentage
Assessments • Tests/Notebook Tests • Quizzes/TITD/TOTD/Notebook Check	 35% 30%
Other • Classwork /Homework • Online Assignments	 20% 15%
Semester Exam **20% of the student's math average**	20% of the student's final grade for the semester

Grading Scale **A** = 100 – 90, **B** = 89 – 80, **C** = 79 – 75, **D** = 74 – 70, **F** = 69 – 0

- Students will be given multiple opportunities to be successful throughout each grading period.
- Along with the grading procedures, there will be a reward system designed to encourage completion, participation, and enthusiasm from ALL students.

The primary goal is to meet the developmental needs of each student; therefore, student progress should be monitored using Infinite Campus/Canvas. These tools are available for parents and students to quickly access student's grades and attendance. If you have any questions at any time, please feel free to contact your child's math teacher via Email or Remind. **Do not wait until it is too late to attend to your child's needs!**

<u>If you are struggling in math:</u>

1. Get extra help from your teacher by asking questions in class.
2. Ask your classmates to form a study group or seek outside tutoring.
3. Use online math resources.
4. Practice, Practice, Practice.
5. Visit teacher's tutoring center.

<u>Requirements for attending teacher's tutoring;</u>

- ✓ Paying attention/participating in class
- ✓ Notes/Notebook
- ✓ Completion of online assignments

Attendance

Attendance is the KEY!! We are all concerned about COVID-19; but, ATTENDANCE will be extremely important!

Course Assessment:

<u>Tests and Quizzes</u>:

Tests will be announced; however, quizzes may not be. Therefore, it is important to review class material along with practicing by either reworking the problems from class or utilizing math resources <u>each</u> night. Students' progress will be monitored using a variety of assessments throughout the year.

<u>Class Participation, Class Work & Graded Homework</u>:

Class participation is an important aspect of student learning. When students speak up in class, they learn to express their ideas mathematically. When they ask questions, they learn how to obtain information to enhance their own understanding. Therefore, students will be graded on class participation as well as class work. Graded homework will also be given periodically with the purpose of reinforcing what was covered during class.

<u>Online Assignments</u>: A variety of programs will be used throughout the year:
USATestPrep / Quizziz / Kahoot / myhrw / Delta Math

Make-up Work:

- Make-up work will be considered on a case-by-case basis. We must all be prepared to PIVOT!
- I strongly encourage you **<u>NOT</u>** to miss class. However, if you are absent, it is your responsibility to obtain your missing work by contacting your teacher or a classmate.

Math Resources:

Students are also encouraged to utilize www.khanacademy.org, www.purplemath.com, https://deltamath.com and www.mathisfun.com

Online Graphing Calculators:

- https://www.desmos.com/calculator
- my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html

Expectations:

The primary expectation in this class is **RESPECT**: respect for yourself, respect for other students, respect for your teacher/or any individual in authority, and respect for any guests that may enter our class. Although this encompasses all other expectations, we will outline several others for the sake of clarity.

1. Be a **S.T.A.R.** (**S**tudent **T**aking **A**cademic **R**esponsibility).

   YOU are responsible for your education!   **YOU** determine your success or failure!

2. High expectations – **ALL DAY, EVERY DAY!**
3. Adhere to all policies, rules, and regulations outlined in the student handbook. **All school rules** apply in my classroom.
4. This syllabus should remain in the front of the mathematics notebook for quick access.

NOTE: Each and every student is expected to be R^2, respectful and responsible!

Classroom Rules

1. PHONES = ZEROS!!!!!!!!!! Technology use is permitted when approved by the teacher.
2. **Bottled** water is allowed.
3. Profanity will not be tolerated! If it is not said in church then DO NOT say it in class.
4. Refrain from throwing anything.
5. There is to be no destruction or defacing of any items in the classroom.
6. Follow ALL COVID-19 guidelines.

Classroom Norms

A. Be respectful, on time, and present with **ALL** your needed materials for class.
B. Enter, go to your assigned seat, and read the board! – *Remember 10/10 RULE!*
   This means no passes will be given during the first and last 10 minutes of class.
C. **Pay attention** during instruction and **follow directions** as they are given.
D. Remain **seated always**, raise your hand, and stay **engaged** when working.
E. Remain **SILENT** during quizzes and tests – failure to do so will result in a zero (**0**).
F. You are responsible for maintaining a **clean**, safe environment – keep your area clean.
G. **Follow** all Cross Creek school policies and the RCSS Code of Conduct.

Consequences for not following Norms / Rules / Procedures

1. Individual warning one-on-one on behavior issue.
2. A phone call to your parent or guardian regarding the behavior issue.
3. Written referral to the corresponding assistant principal.

   ***Severe Disruption: Removal from classroom and referral submitted!

Consequences for Unauthorized Technology Use

Wi-Fi enabled devices (phones, smart watches, etc.) = zeros!

NOTE: The teacher reserves the right to adjust this syllabus to meet the needs of the students.

Working together, we can have a successful year while increasing our math power!