Cross Creek High School

Algebra I

Course Syllabus 2022-2023

**Ms. M. Marshall, Instructor** Room Numbers: 305

School Phone: 706-772-8140 5th Period Planning

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Join Remind: (Text Number: 81010) Class codes: Page 5

Welcome to Cross Creek, the Home of the Razorbacks!

As we prepare for a new and exciting year in mathematics, we must address what is expected in order for **us** to have a safe and productive school year. We must keep an open-mind as we continue to deal with the past, present, and future of the known and unknown effects of COVID 19. Remember, we must all be flexible and prepared to PIVOT!

Students will be expected to come to class **daily** with their required class materials (supplies) and prepared to learn. Please keep in mind that because the majority of our work will BE done in class, you will be expected to be on task for the entire class period. So, there should not be any unauthorized technology used during this time. (UNAUTHORIZED TECHNOLOGY = REFERRAL ).

Students will also be expected to actively participate in class. This means asking & answering questions as well as DOING, NOT JUST WATCHING!! I have come to understand how necessary it is for students to be *doing* the math, and not watching me do the math. I’ve also learned that students need to process what they are learning, and one way they can do that is by talking about it with me and/or their peers. One of the best ways to accomplish these things is by having students work on problems on the board. Actively participating in class can help in many ways and prevent feelings of frustration, especially if you are experiencing difficulty in the class. **No effort, no help!!!!!**

Students may also work in **cooperative learning groups/pairs** throughout the year. Group work allows students to discover mathematical concepts to benefit their learning and to help other group members. **Each person** in a group will be **expected** to contribute to that group and graded accordingly. When completing your work, 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 on 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 and inductive and deductive reasoning will be used. 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:

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| **Anticipated Units of Study** | **Time Length (approximate)** |
| Unit 0: Think Like a Mathematician | 12 Days |
| Unit 1:Reasoning with Linear Equations and Inequalities | 5 Weeks |
| Unit 2: Modeling and Analyzing Exponential Functions | 5 Weeks |
| Unit 3: Relationships Between Quantities and Expressions | 2 Weeks |
| Unit 4: Rational and Radical Relationships | 8 Weeks |
| Unit 5: Comparing and Contrasting Functions | 2 Weeks |
| Unit 6: Describing Data | 2 Weeks |
| Algebra I Review | 3 Weeks |

Required Daily Course Material (Supplies): Three-Ring Binder (1½ or 2 inch) with loose-leaf paper; Textbook; Calculator; Writing Utensils ( Pencils), Computer

*\** ***Notebook*** *should have the Algebra I 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.*

***\*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!!!*

Attendance/ Make-up Work:

* Attendance is the KEY!! We are all concerned about COVID-19; but, ATTENDANCE will be extremely important! I strongly encourage you **NOT** to miss class!
* If you are absent, please contact Mrs. Marshall through REMIND or one of your classmates so that you will be prepared for class when you return. Work can be found on Canvas Daily!
* Make-up work will be considered on a case-by-case basis.

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

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| **Grade Categories** | **Grade Percentage** |
| * Major (Summative):   Paper Assessment, Notebook Tests, & Projects | **40%** |
| * Minor (Formative):   Class learning experiences , TITD/TOTD, Check for Understanding (CFUs), Online Assessments, Notebook Check, & Online and Power-up Assignments | **60%** |
| **Semester Exam**  **20% of the student’s math average**. | **20% of the student’s semester grade** |

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.

**Course Assessment**

**Tests and Quizzes**

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 each night. Students’ progress will be monitored using a variety of assessments throughout the year.

**Class Learning Experiences :**

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. ***Homework may be given periodically with the purpose of reinforcing what was covered during class.***

**Online Assignments:** USATestPrep /Quizziz /Kahoot/myhrw/Delta Math/Khan Academy

**PowerUP/Asychronous Learning**: Remote learning where students access pre-recorded lessons or independent learning tasks at any time during the day.

**Math Help/Tutoring**

The primary goal is to meet the developmental needs of each student; therefore, student progress should be monitored using Infinite Campus. For issues or questions about Infinite Campus, please contact our registrar Ms. Jenkins. Infinite Campus is for parents and students to quickly access students’ grades and attendance. If you have any questions at any time, please feel free to contact Ms. Marshall via REMIND or Email. **Do not wait until it is too late to attend to your child’s needs!**

**If you are struggling in math:**

1. Get extra help from your teacher by asking questions in class.
2. Math requires practice and action! In order to learn the math concepts presented in class, you should practice math problems and vocabulary every day.
3. Use online math resources.

**Some Good Math Resources**: [www.khanacademy.org](http://www.khanacademy.org), [www.purplemath.com](http://www.purplemath.com), [www.mathway.com](http://www.mathway.com) ,& [www.mathisfun.com](http://www.mathisfun.com)

1. Ask your classmates to form a study group or use the **free** Richmond County tutoring, FEV tutor. FEV tutor is located on your Launchpad.
2. Visit Mrs. Marshall's tutoring.

**Requirements for attending Ms. Marshall’s tutoring:**

* Tutoring is available Tuesday - Thursday from 2:15 – 3:00.
* Students must meet the class requirements in order to attend:
* Regular class attendance.
* Paying attention/participating in class.
* Notes/Notebook.
* Completion of online assignment.

**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!

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

**NOTE**: Each and every student is expected to be **R2**, respectful and responsible!

**Classroom Rules**

1. UNAUTHORIZED TECHNOLOGY = REFERRALS !!!!! 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**

1. Be respectful, on time, and present with **ALL** your needed materials for class.
2. Enter, go to your assigned seat, and read the board! – ***Remember the 10/10 RULE!***

This means no passes will be given during class's first and last 10 minutes.

1. **Pay attention** during instruction and **follow directions** as they are given.
2. Remain **seated always**, raise your hand, and stay **engaged** when working.
3. Remain **SILENT** during quizzes and tests – failure to do so will result in a zero (**0)**.
4. You are responsible for maintaining a **clean**, safe environment – keep your area clean.
5. **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 issues.
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!

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 knowledge!

REMIND CODES: Let’s Stay in Touch

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| **1st Period :@ef4436** |
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| **2nd Period :@76ebk9** |
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| **3rd Period :@g9ac7g9** |
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| **7th Period: @63hg3c** |
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| **4th Period:@69ecbd9** |
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| **6th Period :@akbgd2** |
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