



RICHMOND HILL WILDCATS

Course Name	Algebra Concepts and Connections	GC Code	zek2rfsc
School Name	Richmond Hill High School	Teacher Name	Mrs. Tailer Cochran (Mrs. Tailer Callaghan-McCann)
School Phone Number	912-459-5151	Teacher Email	tcochran@bryan.k12.ga.us
Website	https://rhhs.bryancountyschools.org/o/rhhs		

Course Description

This course is designed as the first course in a three-course series. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics. This course focuses on algebraic, quantitative, geometric, graphical, and statistical reasoning. In this course, students will continue to enhance their algebraic reasoning skills when analyzing and applying a deep understanding of linear functions, sums and products of rational and irrational numbers, systems of linear inequalities, distance, midpoint, slope, area, perimeter, nonlinear equations and functions, quadratic expressions, equations and functions, exponential expressions, equations, and functions, and statistical reasoning.

High school course content standards are listed by big ideas including Data and Statistical Reasoning, Probabilistic Reasoning, Functional and Graphical Reasoning, Patterning and Algebraic Reasoning, and Geometry Patterning and Spatial Reasoning.

CURRICULUM OVERVIEW	
Mathematical Modeling	Functional and Graphical Reasoning
Geometric and Spatial Reasoning	Patterning and Algebraic Reasoning
Numerical Reasoning	Data and Statistical Reasoning

GRADING CATEGORIES	GRADE PROTOCOL
Formative Assessments (homework, classwork, quizzes) – 63%	A 90 – 100 C 70 – 79
Summative Assessments (tests & projects) – 27%	B 80 – 89 F 40 – 69
EOC – 10%	

DISTRICT EXPECTATIONS FOR SUCCESS	
ACADEMIC INTEGRITY	Students will not engage in an act of academic dishonesty including, but not limited to, cheating, providing false information, falsifying school records, forging signatures, or using an unauthorized computer user ID or password. See the Code of Student Conduct
MAKE-UP WORK DUE TO ABSENCES	When a student is absent the student shall be given an opportunity to earn grade(s) for those days absent. Make-up work must be completed within the designated time allotted.
SCHOOL EXPECTATIONS FOR SUCCESS	
CLASSROOM EXPECTATIONS	- Follow all school and district rule - Treat others with respect. - Actively participate in class activities and discussions
CELLPHONES/ TECHNOLOGY	- In order to follow GA laws the district has new cellphone/ tec policies in place. I will be following ALL cellphone/ tec policies that is listed in the school handbook. - Following Policy all Tec (Cellphones, headphones, etc) must be off and away in the studnets backpack/ purse the enitre school day. If I see a phone or Tec device out I will follow policy and call the supervising admin to collect the phone on the first offense and will follow policy for all proceeding offenses.
LATE WORK	- Any assignment that is not turned in on the due date will be accepted for one week after the deadline with a 10% grade deduction per day late until the lowest possible grade is a 70% on said assignment UNLESS otherwise stated. - ALL late work from a unit must be turned in on the day of the unit test and will not be accepted after the test.

	• If the student is out for 3 or more days, they will have 3 days when they return to complete the work they missed when they were out. • If a student is assigned ISS or OSS, they will be required to complete their work while they are on their suspension. • I will follow all other Late work policies for absences as posted in the handbook
WORK REQUIREMENTS	• Students will be required to show all work to receive credit on assignments even when permitted to use a calculator. • Failure to show work will result in point reduction or exclusion of credit for the assignment.
REMEDIATION/RETESTING	• Retesting is to be completed within five days after the unit assessment for a grade replacement and must be completed during a scheduled time either before or after school. • Students will need to have 100% of assignments turned in and submitted to be eligible to retest.
PBIS	Students will be celebrated both in the classroom and schoolwide for demonstrating or exceeding our ROAR PBIS expectations: • by being Respectful, • taking Ownership, • being Accountable, and • leading by example - Rolemodels.
MATERIALS AND SUPPLIES	The following resources will be needed throughout the year: • 1" 3-ring binder • loose leaf paper lined paper • graphing paper • sharpened pencils with erasers • TI-30xs multiview available at amazon.com or in stores. • Highlighters (multiple colors) • Protractor • Ruler • Compass • Scissors • Scotch Tape • Pencil or Supply Bag
EXTRA HELP/ TUTORIAL	• Tutorial schedule: ◦ Students will be required to sign in for tutorial, and leave their phone in their backpack ◦ Check the link above to see my most up to date schedule. I coach in the fall, winter, and spring so there will be several days I may not be available in the afternoon. • Year Round I will be available either Monday and Wednesday OR Tuesday and Thursday in the mornings from 7:00-7:25 am (please check the tutorial schedule to know when as some mornings I have practice or meetings) • If mornings don't work for you please contact me so we can schedule a different time or find someone else to help you:)
RESOURCES	• Additional Resources may be found in the Google Classroom and provided during tutorials as needed. • Khan Academy is a good resource for instructional videos when struggling with a concept, but always check the Google Classroom for additional resources that have been posted.