



RICHMOND HILL WILDCATS

Course Name	Algebra Concepts and Connections		
School Name	Richmond Hill High School	Teacher Name	Lisa Knight
School Phone Number	912-459-5151	Teacher Email/Phone Lisa.knight@bryan.k12.ga.us	
School Website	https://rhhs.bryancountyschools.org/o/rhhs	912-432-2064 text me with your child's name or leave me a voicemail.	

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. The identified prerequisite for this course is Grade 8 Mathematics

Curriculum Overview

The following academic concepts will be covered. **THIS IS ONLY A GUIDE AND IS SUBJECT TO CHANGE.**

CURRICULUM OVERVIEW – Units of Study	
Modeling Linear Functions	Analyzing Exponential Expressions
Analyzing Linear Inequalities	Investigating Data
Investigating Rational and Irrational Numbers	Algebraic Connections to Geometry Concepts
Modeling and Analyzing Quadratic Equations	Culminating Capstone Unit
Modeling and Analyzing Exponential Expressions and Equations	

GRADING SYSTEM:

GRADING CATEGORIES	GRADE PROTOCOL
Formative Assessments (homework, classwork, quizzes) – 27 %	A 90 – 100
Summative Assessments (tests) – 63%	B 80 – 89
Final Exam (cumulative test of all material covered in class) – 10%	C 70 – 79
	F 40 – 69

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 because of a legal reason as defined by Georgia law or when the absence is apparently beyond the control of the student, 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 rules - No talking while the teacher is talking - Treat others with respect. - Actively participate in class activities and discussions without electronic devices.

