



School Year/Semester Fall & Spring 2021-2022

Course Name	Coordinate Algebra RM 712	Course Code	Fall 2021: 27.1981000R-3, 27.1981000R-5, 27.1981000R-8 Spring 2022: 27.0971000-3, 27.0971000-6, 27.0971000-8
School Name	Miller Grove High School	Teacher Name	Mr. Henry Scandrick, M.A, EdS
School Phone Number	(678)-875-1102 (Main Office) (678)-929-7564 (Google Voicemail)	Teacher Email	Henry_Scandrick@dekalbschoolsga.org
School Website	http://www.millergrovehs.dekalb.k12.ga.us/	Teacher Website	http://www.millergrovehs.dekalb.k12.ga.us/HenryScandrick.aspx

Course Description

COURSE DESCRIPTION: The fundamental purpose of Coordinate Algebra is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Coordinate Algebra uses algebra to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. 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.

Curriculum Overview

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

<u>CURRICULUM OVERVIEW</u>	Semester	# of Weeks
Unit -2 : Reasoning with Equations and Inequalities	(Fall)	5
Unit -1 : Relationship Between Quantities	(Fall)	5
Unit -3 : Linear and Exponential Functions	(Fall)	7
Unit -4 : Describing Data	(Spring)	6
Unit -5 : Transformations in Coordinate Plane	(Spring)	4
Unit -6 : Connecting Algebra and Geometry Through Coordinates	(Spring)	4
Unit -7 : Review for the EOCT	(Spring)	3

BOARD-APPROVED INSTRUCTIONAL MATERIALS

Title	Holt McDougal Coordinate Algebra, Georgia Edition ©2014
ISBN	978-0-547-86764-9
Replacement Cost	\$82.50
Online book and/or resources	http://my.hrw.com/
Online student access code (school specific)	Username: s student ID # (Example : s9999999) Password: Lunch number

GRADING SYSTEM: The DeKalb County School District believes that the most important assessment of student learning shall be conducted by the teachers as they observe and evaluate students in the context of ongoing classroom instruction. A variety of approaches, methodologies, and resources shall be used to deliver educational services and to maximize each student's opportunity to succeed. Teachers shall evaluate student progress, report grades that represent the student's academic achievement, and communicate official academic progress to students and parents in a timely manner through the electronic grading portal. **See Board Policy IHA.**

GRADING CATEGORIES	*GRADE PROTOCOL	
Formative and Diagnostic Assessments – 0%	A	90 – 100 ~ P (pass)
Assessment Tasks (Skills & Homework) – 25%	B	80 – 89 ~ F (fail)
Classwork (Guided, Independent, and Group Practice) – 45%	C	71 – 79
Quizzes, Tests, and Projects – 30%	D	70
	F	Below 70

Notes:

*English Learners (ELs) must not receive numerical or letter grades for the core content areas in elementary and middle school during their first year of language development. A grade of CS or CU must be assigned. This rule may be extended beyond the first year with approval from the EL Studies Program. English Learners must receive a grade for ESOL courses.

~Elementary schools will utilize P (pass) and F (fail) in Health/Physical Education, Music, World Languages, Visual Arts, and Performing Arts.

DISTRICT EXPECTATIONS FOR SUCCESS	
STUDENT PROGRESS	Semester progress reports shall be issued four and a half, nine and thirteen and a half weeks into each semester. The progress of students shall be evaluated frequently and plans shall be generated to remediate deficiencies as they are discovered. Plans shall include appropriate interventions designed to meet the needs of the students. See Board Policy IH.
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 - Student Rights and Responsibilities and Character Development Handbook.
HOMEWORK	Homework assignments should be meaningful and should be an application or adaptation of a classroom experience. Homework is at all times an extension of the teaching/learning experience. It should be considered the possession of the student and should be collected, evaluated, and returned to the students. See Board Policy IHB.
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. See Board Policy IHEA.
SCHOOL EXPECTATIONS FOR SUCCESS	
CLASSROOM EXPECTATIONS	<ul style="list-style-type: none"> • Treat others with kindness and dignity • Follow teacher directions • Stay on task and complete your work • Follow dress code • Attend all classes • Be in class on time • Have all supplies and materials • Make sure Chromebooks/Devices are ready and charged • Have Digital Netiquette • Engage in Assignments • Keep Up with usernames and passwords for all instructional websites and programs.
MATERIALS AND SUPPLIES	TI-36X Pro Calculator (around \$20), Pens, Pencils, Paper, spiral Notebooks, Chromebook, Stylus, and Access to the Internet.
EXTRA HELP	Afterschool tutorial: Tuesdays 3:15 pm to 4:15 pm. For additional afterschool tutorials contact the teacher!!
PARENTS AS PARTNERS	Hello parents. I'm excited for a new school year at Miller Grove Highschool. I would like to welcome our 9 th graders to MGHS. Many of our students have not been in school in person in a year and a half. So, we have a lot of important work ahead of us to help support our students during these unprecedented and challenging times. We need your help in ensuring that our students are successful. I'm asking that you help monitor your child's progress. Monitor your child's infinite campus. If you have any concerns feel free to contact me anytime. I'm looking forward to working with families to help support our kids. Our school motto is. "Anything is possible when we work together".

Fill Out the Microsoft Form (link below) with your parent(s) or guardian(s) to confirm that you have read, reviewed, and understand the info presented in this syllabus.

URL: <https://forms.office.com/r/tG14YQIFiQ>

QR CODE:



Sign Up with Remind for communication.

Class Period	Method 1 – Sign up through text message.	Method 2 – Sign up through a web browser.
<i>1st Period</i>	Text @scandrick1 to 81010	https://www.remind.com/join/scandrick1
<i>2nd Period</i>	Text @scandrick2 to 81010	https://www.remind.com/join/scandrick2
<i>3rd Period</i>	Text @scandrick3 to 81010	https://www.remind.com/join/scandrick3