



School Year **2017- 2018**

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| Course Name | GSE Coordinate Algebra | Course Code | 27. 0971001 |
| School Name | Arabia Mountain High | Teacher Name(s) | Raymee Burrell |
| School Phone Number | 678-875-6702 email preferred for initial contact | Teacher Email(s) | Raymee_Burrell@dekalbschoolsga.org |
| School Website | http://www.arabiamtnhs.dekalb.k12.ga.us/ | Teacher Website | http://www.arabiamtnhs.dekalb.k12.ga.us/RaymeeBurrell.aspx |

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.**

| CURRICULUM OVERVIEW | | |
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| SEMESTER | UNIT TITLE | NUMBER OF WEEKS |
| 1 st | Unit 4 – Describing Data | 5 |
| 1 st | Unit 1 – Relationships Between Quantities | 6 |
| 1 st | Unit 2 – Reasoning with Equations and Inequalities | 7 |
| 2 nd | Unit 3 – Linear and Exponential Functions | 7 |
| 2 nd | Unit 5 – Transformations in the Coordinate Plane | 4 |
| 2 nd | Unit 6 – Connecting Algebra and Geometry Through Coordinates | 3 |

BOARD-APPROVED INSTRUCTIONAL MATERIALS

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| Title | <i>GA Coordinate Algebra</i> |
| ISBN | 978-0-547-86764-9 |
| Replacement Cost | \$82.50 |
| Online book and/or resources | www.my.hrw.com |
| Online student access code (school specific) | Individual password will be given at a later date upon request. |

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 |
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| <p>Formative Assessment (Pre-Assessment) – 0%</p> <ul style="list-style-type: none"> • Formal or Informal Pre-Assessments <p>Assessment During Learning – 25%</p> <ul style="list-style-type: none"> • Warm-ups/sponges • Closing Materials • Daily Classroom discussions • Quiz • Skill Check <p>Guided, Independent, or Group Practice – 45%</p> <ul style="list-style-type: none"> • Class work • Homework • Notebook Checks • Minor projects <p>Summative Assessment or Assessment of Learning– 30%</p> <ul style="list-style-type: none"> • Mid-Semester Exam • Final Exam • Post-SLO • EIC Project • Unit Tests / Chapter Tests/ Major Projects Minimum of 5 per semester <p>EOC GA Milestone Test 20% of the overall Grade.</p> | <p>A 90 – 100</p> <p>B 80 – 89</p> <p>C 71 – 79</p> <p>D 70</p> <p>F Below 70</p> |

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.

Cheating/Plagiarism Policy

DO NOT CHEAT: If you study, do your homework, and attend tutorials, you will be successful. If you feel overwhelmed, see me for help, but do not cheat. Plagiarism or any form of academic dishonesty is grounds for a non-negotiable zero on any assignment, test or project. Students should not share answers on any assignment, test, or project unless they are directly instructed to do so.

- **Plagiarism = stealing words or ideas without attribution.**
- **Plagiarism includes paraphrasing another essay.**

Academic Dishonesty:

Cheating on a test, quiz, or assignment is considered to be a serious breach of conduct. In order to acclimate students to existing stringent standardized testing protocols and to protect the integrity of each testing environment, cell phones are **STRICTLY PROHIBITED** from visibility during ANY assessment/exam. Visible cell phones during an assessment/exam will constitute a breach of testing security and the offending student will receive a zero on the assessment/exam, an administrative referral (*for documentation purposes*), parents will be notified, and they will not be allowed to make up or re-take the assessment/exam. Upon acquiring three administrative referrals, **a referral will be made to the Academic Committee which may lead to dismissal from Arabia Mountain High School.**

DISTRICT EXPECTATIONS FOR SUCCESS

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| 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

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| CLASSROOM EXPECTATIONS | <ol style="list-style-type: none">1. <u>All math work must be written in PENCIL!</u> Papers turned in written in ink will NOT be accepted.2. Students must review the prior information before coming to class. Assignments are given on a daily basis. It is extremely important to complete these daily assignments that may be taken up at <u>any</u> time. Students are expected to finish all in-class assignments in a timely manner, showing all work necessary to complete assigned problems. CREDIT WILL NOT BE GIVEN for assignments that do not show necessary work.3. Be in class, seated, and prepared for class to begin before the tardy bell rings.4. Bell Ringers should be copied off the board during the beginning of class.5. Pay attention, take notes, and participate in class discussions, demonstrations, and activities.6. Give your best effort daily.7. Check the class website daily for important information and updates.8. Be responsible for getting your work done on time.9. Homework will be given every night. Homework policy will be announce in class. Students are expected to complete all homework assignments by the next class day unless instructed otherwise.10. QUIZZES/SKILL CHECKS will be given during each unit, at the teacher's discretion. Minimum of 4 per unit.11. TESTS will be given midway between units and at the end of units or as the teacher feels necessary.12. NOTEBOOKS are required. It should be a three-ring notebook and sections are separated with dividers. The teacher reserves the right to collect notebooks and grade them.13. All students are expected to adhere to the honor code. <u>CHEATING</u> will not be tolerated. Students involved in cheating will not receive credit for that assignment and parents will be contacted.14. Clear and mesh book bags will be allowed in school, but not in the classroom.15. Electronic devices (cell phones, cd players, mp3 players, ear pieces, blackberries, etc.) SHOULD NOT BE VISIBLE in the classroom. Electronic devices also need to be on silent, vibrate, or off. If the electronic device becomes a disturbance or is utilized in the classroom, the teacher has the right to CONFISCATE it. Cell phones <i>cannot</i> be used as calculators.16. No food or drinks will be allowed in the classroom.17. At times students will be photographed presenting projects or working on tasks. If you do not want your child photographed, please let me know. |
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| MATERIALS AND SUPPLIES | <ul style="list-style-type: none"> A. 2 inch, 3-ring notebook with side pockets B. Calculator Mandatory <ul style="list-style-type: none"> ▪ <i>Scientific (Casio 115es plus or Casio 300es plus suggested)*</i> C. Graph paper D. Dividers E. Pencils, Loose-leaf notebook paper F. Mathematics Technology Fee: \$20 (Need as soon as possible.) |
| WEBSITES USED IN CLASS | <ol style="list-style-type: none"> 1. www.Edmodo.com <ul style="list-style-type: none"> - New student you must create an account the Group code: <ol style="list-style-type: none"> a. Period 2: 4m9qfd b. Period 3: zw9mgh c. Period 5: miyx4r d. Period 6: gpv8ra e. Period 7: 5sm46x f. EIC: c88zup 2. www.remind.com (cell phone use) <ol style="list-style-type: none"> a. Period 2: To receive messages via text, text @8348d to 81010. b. Period 3: To receive messages via text, text @48c27e to 81010. c. Period 5: To receive messages via text, text @ca8g9 to 81010. d. Period 6: To receive messages via text, text @267498 to 81010. e. Period 7: To receive messages via text, text @kehfd2 to 81010. <p>Trouble using 81010? Try texting the code to (678) 967-3929 instead.</p> 3. www.USATESTPREP.com <ul style="list-style-type: none"> - Account ID: arabiahs - Activation Code: newton36 <ul style="list-style-type: none"> - Click "Join a Class" - Teacher: R Burrell - Class: Select your period |
| EXTRA HELP | <p>Tutorial is offered on Thursdays from 3:30 pm – 4:30 pm. Students must arrive promptly (by 3:35 pm, which is the cut-off) and must be prepared with questions. These questions should be regarding problems that have been attempted, but not mastered. The questions should also reflect some attempt of note-taking, practice, or engagement of the topic. Students attending tutorials without having prepared questions will be asked to leave and attend the next session when the proper preparation has been done. Students who have missed class must first copy the notes from a student who was in class, read over the PowerPoint(s) missed in Edmodo, and consult with a classmate regarding practice problems done in class. Once this has been done, with evidence, the student may come to tutorial to ask additional questions for clarification.</p> <p>Tutorial may have to be rescheduled due to unforeseen circumstances, and the teacher will notify the students when this is necessary.</p> <p>The ultimate goal of tutorial is reinforcing concepts in a timely manner so that all students in tutorial may have their questions/problems addressed. When students are not adequately prepared for tutorial, valuable time is wasted by searching for topics and sections to cover.</p> |
| PARENTS PARTNERS | <p>AS</p> <p>It is most important that parents support their child's education. This support fosters increased student achievement. In an effort to bring continuity to parental involvement, the School Improvement has made one of its primary goals that of ensuring that strategies are in place to build a cohesive and effective partnership with all stakeholders to support academic achievement.</p> <p>To accomplish and foster this goal, continuous parenting classes are offered to the parents through each of the district's parent resource centers</p> |

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| | [http://www.dekalb.k12.ga.us/parent-resource-centers]. Moreover, to build the bridge of partnership between home and community, parent resource centers [http://www.dekalb.k12.ga.us/parent-resource-centers] advisory council has been established. Annual, title I county-wide parental involvement conferences and college financial aid workshops are held in the fall and spring of every school year. |
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Remediation Plan Remediation letter with action plan will be provided after each reporting term, 4.5, 9, and 13.5 weeks.

Late Policy

Absences do not excuse missing homework.
Homework accepted until 3 days late.

Students will have 3 opportunities to submit late homework assignments.
Students who fail to submit their homework assignment(s) on the designated date by the individual instructor will receive a point deduction as follows out of a possible maximum of 100.

- Late Day 1** 11 points 89 is the total possible points a student may earn
- Late Day 2** 20 points 80 is the total possible points a student may earn
- Late Day 3** 25 points 75 is the total possible points a student may earn

The late assignment policy does not apply to assignments with more than three days completion deadline.

Tardiness:

BE PROMPT! Good attendance is essential to the student’s success. Students are to be in class and seated and working **before** the bell.

Consequences:

- 1st tardy** = Warning
- 2nd tardy** = Student Conference
- 3rd tardy** = Detention & Parent Conference
- 4th- 7th tardy** = Administrative Detention

Absences:

Unexcused absences are a major impediment to our student achieving excellence. Students who are absent miss valuable instructional time and activities. The loss of instructional time negatively affects student performance. Students should make everyday attendance a top priority.

Consequences:

- Students missing 3 unexcused absences will receive a first warning letter.
- Students missing 5 unexcused absences will receive a second warning letter and will be referred to the counselor and social worker.
- Students missing 7 or more unexcused absences will lose credit for the course. Students are to continue to work towards achieving a passing grade.

Reassessment Policy

Retakes will be offered at the discretion of the teacher. Revisions of missed items for half credit are offered as a way to improve a test grade. A student may make an appointment on the next available tutorial day to complete test revisions. Notes are not allowed during a revision opportunity.

IMPORTANT NOTE:

It is absolutely imperative that the student master all of the material throughout the school year. In order to do this, the student should do homework and/or study each day. Students should ask questions in class. Students may request additional help before or after school. Please note that the teacher may not be available some days due to meetings, duty assignments, etc. All tutoring is cancelled on days when the teacher is absent.

Contact: If you at any time have a questions or concerns, please feel free to email me
Raymee_Burrell@dekalbschoolsga.org.

I, THE TEACHER RESERVES RIGHT TO ALTER THIS SYLLABUS AT ANY TIME IN ORDER TO MAXIMIZE STUDENT ACHIEVEMENT AND SUCCESS. STUDENTS WILL BE NOTIFIED IF THE SYLLABUS IS REVISED.

After reading the syllabus, please make sure the Student Information Form and Academic Honor Policy are completed online no later than 8/18/17.