

# Buford High School

## COURSE SYLLABUS

<b>COURSE TITLE .... Coordinate Algebra</b>	<b>TERM..... 2018—2019</b>
<b>TEACHER..... Mr. Drew Dasher</b>	<b>ROOM # ..... 217</b>
<b>TEACHER..... Mrs. Heather Jenkins</b>	<b>ROOM # ..... 502</b>
<b>TEACHER..... Mrs. Kristie Sweat</b>	<b>ROOM # ..... 506</b>
<b>TEACHER..... Mrs. Kristie Whelchel</b>	<b>ROOM # ..... 508</b>
<b>TEACHER..... Mrs. Amy Wright</b>	<b>ROOM # ..... 504</b>

<b>Email Address</b>	<a href="mailto:Drew.Dasher@bufordcityschools.org">Drew.Dasher@bufordcityschools.org</a> <a href="mailto:Heather.Jenkins@bufordcityschools.org">Heather.Jenkins@bufordcityschools.org</a> <a href="mailto:Kristie.Sweat@bufordcityschools.org">Kristie.Sweat@bufordcityschools.org</a> <a href="mailto:Kristie.Whelchel@bufordcityschools.org">Kristie.Whelchel@bufordcityschools.org</a> <a href="mailto:Amy.Wright@bufordcityschools.org">Amy.Wright@bufordcityschools.org</a> Students should use their school gmail account if they need to email a teacher.
<b>Teacher Web Page</b>	<a href="https://bufordmath.weebly.com/">https://bufordmath.weebly.com/</a> Please visit the 9 <sup>th</sup> grade math website for monthly calendars, daily assignments, notes, and other helpful info.
<b>Teacher Support (Help sessions)</b>	Extra help is available on Tuesday and Thursday mornings from 7:10—7:40 a.m. and on Monday and Wednesday afternoons until 3:30 p.m. Students may see any of the above teachers if they need extra help.

### COURSE DESCRIPTION

The fundamental purpose of Coordinate Algebra is to formalize and extend the mathematics that student 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.

### COURSE CURRICULUM CONTENT

GEORGIA PERFORMANCE STANDARDS	UNITS/TOPICS
The Common Core Georgia Performance Standards for this course can be accessed online at <a href="http://georgiastandards.org">georgiastandards.org</a>	1. Relationships between Quantities 2. Reasoning with Equations and Inequalities 3. Linear and Exponential Functions 4. Describing Data 5. Transformations in the Coordinate Plane 6. Connecting Algebra and Geometry through Coordinates

### INSTRUCTIONAL MATERIALS AND SUPPLIES

Published Materials	Instructional Supplies
<i>Coordinate Algebra</i> , Holt McDougal Cost: \$85.00	1) Notebook Paper/Graph Paper 2) Pencils 3) 3-Ring Binder (1½ inch—for homework, tests, etc) 4) Scientific Calculator (TI-30XS, TI-36X Pro, or TI-36XII recommended)

### HONOR CODE POLICY

All BHS students will strictly adhere to the BHS Honor Code which is posted on the BHS website. For any violation of the BHS Honor Code, students will receive a 0 and be referred to the administration.

## EVALUATION AND GRADING

Assignments & Grade Weights	Grading Scale
<b>Benchmark Assessments.....30%</b> <ul style="list-style-type: none"> <li>Benchmark 1 = 100 points <b>(Thursday, Sept. 13) and (Monday, Feb. 11)</b></li> <li>Benchmark 2 = 200 points <b>(Friday, Nov. 2) and (Tues, Apr. 16)</b></li> <li>Benchmark 3 = 600 points <b>(Dec. 18—Dec. 21) and (May 21—May 24)</b> (Final Exam or Georgia Milestone Exam will account for 20% of this category)</li> </ul>	A: 90 and above B: 80 – 89 C: 70 – 79 F: 69 or below
<b>Unit Tests.....40%</b> <ul style="list-style-type: none"> <li>Tests will be given approximately every two weeks. Students will be notified in advance of all test dates. These are also posted on my website.</li> </ul>	
<b>Writing Assignments.....10%</b> <ul style="list-style-type: none"> <li>Performance Exam—<b>(Oct. 15) and (Mar. 25)</b> This is a detailed writing assignment requiring students to recall content knowledge in essay form from several articles that will be read throughout the course of the year. It will count 100 points or <b>5%</b> of the overall average.</li> <li>Short Writing Prompts—These will consist of <b>5</b> short answer questions throughout the semester that will count 20 points or <b>1% each</b>. Focus will be on providing good mathematical explanations to a problem using thorough details and proper mechanics.</li> </ul>	
<b>Daily.....20%</b> <ul style="list-style-type: none"> <li>Quizzes will be given on a regular basis.</li> <li>Homework will be given on a daily basis and periodically it will be collected for a grade. <b>NOTE: Assignments may be turned in ONE day after the announced due date but are worth only 70% of the grade earned.</b></li> <li>Class Work—notes will be taken daily. Periodically these may be collected for a grade.</li> </ul>	

APRIL

## OTHER INFORMATION

Expectations for Academic Success	Additional Resources
1) Come to class prepared (with paper, pencil, calculator, textbook, and a positive attitude) 2) Complete homework daily 3) Ask questions; come for extra help if needed 4) Participate constructively as a team member 5) Be respectful	Teacher Webpage: <a href="http://bhsdasher.weebly.com/">http://bhsdasher.weebly.com/</a> <a href="http://bhsjenkins.weebly.com/">http://bhsjenkins.weebly.com/</a> <a href="http://bhssweat.weebly.com/">http://bhssweat.weebly.com/</a> <a href="http://bhswhelchel.weebly.com/">http://bhswhelchel.weebly.com/</a> <a href="http://awrightbhs.weebly.com/">http://awrightbhs.weebly.com/</a>

## EXCUSED ABSENCE ATTENDANCE POLICY

Students who are granted **Excused Absent** status for days missed will be subject to the guidelines in the student agenda.

**ALL POLICIES OUTLINED IN THE BCSS STUDENT CODE OF CONDUCT AND THE BHS STUDENT HANDBOOK WILL BE FOLLOWED IN THIS CLASSROOM.**

TEACHER CONSEQUENCES FOR MINOR CLASSROOM DISRUPTIONS	
1 <sup>st</sup>	Penalty assigned at teacher's discretion – Parent Contact
2 <sup>nd</sup>	30 minute faculty detention and parent contact
3 <sup>rd</sup>	1 hour faculty detention and parent contact
4 <sup>th</sup>	Administrative Referral

*The teacher reserves the right to change, modify, and/or update the syllabus throughout the year as needed.*