**8th Grade Mathematics**

**W.S. Hornsby Middle School**

**“The RIGHT angle for success is the TRY-ANGLE.”**

**Instructor:** Ms. A. Austin. **Room**: 120

**Phone**: 706-823-6960 (school) or 404-666-8807 (cell)

**Band App**: https://band.us/n/afa676Aalenf0

**E-mail**: austial@boe.richmond.k12.ga.us

**Availability**: 4:30 p.m.-5:30 p.m. – Tuesday through Thursday

**Textbook:** Into Math 8. To make sure that students are mastering materials, other resources will assist the given text.

**Required Materials: 9x11 Spiral Notebook**  Sticky Notes

 Pencils Face Masks

Index Cards (100 – 3x5)

**Course Description**

In Grade 8, instructional time should focus on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

**Units of Study: Tentative Timeline Included**

**Unit 1: Exponents and Equations**

Lesson Dates: August 24 – September 14, 2022

Priority Standard – 8.EE4, 8.EE.7a-b, and 8.NS.2

Supporting Standards – 8.NS.1 and 8.EE.1-3

**Unit Test Date: Friday, September 16, 2022**

**Unit 2: Geometric Applications of Exponents**

Lesson Dates: September 26 – October 24, 2022

Priority Standards – 8.G.7 and 8.G.9

Supporting Standards – 8.G.6 and 8.G.8

**Unit Test Date: Wednesday, October 26, 2022**

**Unit 3A: Functions**

Lesson Dates: November 1-14, 2022

Priority Standards – 8.F.2

Supporting Standards – 8.F.1

**Unit Test Date(s): Wednesday, November 16, 2022**

**Unit 3B: Linear Functions**

Lesson Dates: November 17- December 15, 2022

Priority Standards – 8.EE.5

Supporting Standards – 8.EE.6 and 8.F.3

**Unit Test Date(s): Monday, December 19, 2022**

**Unit 4: Systems of Equations**

Lesson Dates: January 5 -25, 2023

Priority Standards – 8.EE.8a-c

**Unit Test Date: Friday, January 27, 2023**

**Unit 5: Transformations, Congruence, and Similarity**

Lesson Dates: February 7 – March 2, 2023

Priority Standards – 8.G.3 and 8.G.5

Supporting Standards – 8.G.1, 2, 4

**Unit Test Date: Monday, March 6, 2023**

**Unit 6: Linear Models and Tables**

Lesson Dates: March 16 – March 29, 2023

Priority Standards – 8.F.4, 8.SP.3, and 8.SP.4a-b

Supporting Standards – 8.F.5, 8.SP.1-2

**Unit Test Date: Friday, March 31, 2022**

**District and State Assessment Dates**

**Content Mastery Assessments (CMA)**

CMA1 – September 26- October 6

CMA2- December 5 – 16

CMA3- February 27 – March 10

**Georgia Milestones EOC and EOG Test**

April 19-20 (Dates subject to change)

**Behavior Expectations:**

**We are a 1 Rule Classroom: If what you are doing: INTERFERES with learning; HURTS someone’s heart; or PREVENTS you from being your best self… YOU SHOULDN’T BE DOING IT!**

**Restorative Practices**

Students should obey the discipline policy of the Richmond County School System. The discipline plan is as follows: **first offense**—warning; **second offense**- parent contact; **third offense**—silent lunch; **fourth offense**—detention/parent contacted; **fifth offense**- 2-hour SONAR detention, **sixth offense**- 4-hour SONAR detention, **seventh offence**-parent/student/teacher conference; **chronic and zero tolerance offenses**—office referral(s). **Please be sure to follow class, school, and district policies.**

**Notebooks**

 Each Student is required to have a 9x11 spiral notebook. Notebooks must be in class daily. Everything given or returned to you should be included. All daily/warm-ups activities must be dated and placed in the designated section of your notebook. Notebooks will be organized by unit of study to include—Warm-ups, Organizers, Notes, Classwork, Homework, Quizzes, Study Guides, and etc.

**Submitting Assignments**

Assignments, notes, resources, tests, quizzes, projects, homework, evidence of completing iReady and Reflex Math minutes will all be available through Canvas beginning Monday of the Current Week. Each week students should check their modules for the current week’s assignments. All evidence of assignments regardless of the format will be submitted via Canvas. All assignments are due no later than Saturday of the current week at 11:59 pm without penalty of being late. Students will receive a late penalty for every day the assignment is not submitted; grossly late assignments (3+ weeks) will be assigned a maximum grade of 70%.

Students can access and submit assignments in Canvas via their school issued Chromebook as well as via a cellphone. If you choose not to submit your work in Canvas I cannot grade it. Excuses for not submitting work via Canvas in a timely manner will not be accepted.

**Makeup/Late Work**

Arrangements for completing make-up work **is the responsibility of the parent and student.** All assignments missed can be found in Canvas under the modules/assignments page. Students should check Canvas for all assignments. Assignments with hard/printed copies will be available in the purple crate labeled with the date of absence. All make-up work will be completed and turned in before or after school, but never during homeroom or during class. Make-up work should be submitted to the assignment in Canvas prior to the assignment close-out date. If the assignment closes it will not be reopened for any reason. Students will have five days of an excused absence to arrange to make-up work. Students who do not ask for their make-up work will receive a “0” for assignments after five days. **There will be no make-up period for students who do not turn in work due to procrastination and forgetfulness.**

**I-Ready and Reflex Math**

Students are expected to complete a minimum of 60 minutes of iReady each week **and pass two lessons with a 70%+**. These grades will be entered every Sunday when a growth check is not given. Students will be given a weekly progress sheet to monitor their minutes and their lessons. The student is responsible for submitting the sheet every week via canvas. Students will have to complete 40 minutes of reflex math during the week for their DO Now. This will also be checked weekly.

**Re-Assessment Policy**

It is my sincere hope that students will engage in the lessons, practice the content, and master the content. However, in the event that a student does poorly (under a 70%) on a graded assessment, students will have two weeks to continue to practice the content and retest. Students will get two attempts. The highest grade will be the grade recorded in the grade book.

**Methods of Evaluation/Distribution of Grades**

Students will have numerous opportunities to demonstrate the skills necessary to master the standards of the course. RCSS is moving toward standards mastery grading using the following grade weights. It is imperative that students are completing all assigned work so that they are successful on the major and minor assessments. **Minor assessments** may include—quizzes, tickets out the door, performance tasks, formative assessments (oral and written). **Major assessments** may include— tests, culminating tasks, projects (individual and group), summative assessments (oral and written). **Assignments** may include—daily class work and homework, weekly I-Ready and Reflex Math assignments, writing assignments, class discussions, independent work using the computer, and oral presentations. The teacher will monitor class participation daily and it is mandatory. Students will be assigned a minimum of 2 grades per week from the following categories:

**Grade Weights**

Minor Assessments: 60%

Major Assessments: 40%

Skill Building Assignments: 0%

**Grading Scale:** (A)100-90 (B) 89-80 (C) 79-75 (D) 74-70 (F) 69-0

**Cheating/Plagiarism**

Plagiarism is taking the ideas or writings of others and presenting them as if they were the student’s original thoughts. Students are not to plagiarize written math assignments. Cheating is talking or passing papers between students during a test, giving and/or receiving answers, and the use of math apps/software/google to find answers without solving yourself. Cheating will **NOT** be tolerated! If any portion of an assignment is created or obtained through cheating or plagiarism, the teacher will assign a “0” for the assignment with no opportunity to improve the grade. **THINK FOR YOURSELF AND DO YOUR OWN WORK!**

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I have read this syllabus, and I understand the content and requirements for 8th Grade Mathematics. I understand that this syllabus is to be kept in the front of my notebook after it is signed by my parent/guardian. I further understand that course requirements and/or expectations may change due to time constraints or other unavoidable circumstances.

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Student Name (Print) Signature of Student Date

I have read this syllabus, and I understand the content and requirements for Ms. Austin’s 8th Grade Mathematics course.

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Parent Name (Print) Signature of Parent Date