6th Grade Mathematics
Kendrick Middle School

Teacher: Erica Lovett
Room Number: 905
Semester: Fall & Spring 2020-2021
Textbook: Ready Math

Email: erica.lovett@clayton.k12.ga.us
Phone Number: (770)472-8400 /(404)692-3641
Office Hours: 2:45pm – 3:45pm Mon -Thur
Friday – Appointment Only

Department Philosophy: Believing that every student is capable of learning mathematics, opportunities are providing for all students to strive toward their maximum potential and to increase their confidence in themselves and in their own abilities. Teachers and parents work together in helping students to appreciate mathematics, to grow more proficient mathematically, and to realize that mathematical skills are stepping stones to success. Mathematics instruction must continue to grow to meet the changing demands of our society. Literacy in Mathematics requires understandings and habits of mind that enables citizens to make sense of our world, to think critically and independently, to recognize and weigh alternative explanations, and to deal reasonably with problems that involve numbers, patterns, and logical arguments.

Course Description: In grade 6, students will focus on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rationale numbers, which include negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

Course Outline:

Accelerated GSE 6 Grade Curriculum Map								
1ˢᵗ Semester					2ⁿᵈ Semester			
Unit 1 (3 - 4 weeks)	**Unit 2** (3 - 4 weeks)	**Unit 3** (2 - 3 weeks)	**Unit 4** (3 - 4 weeks)	**Unit 5** (3 - 4 weeks)	**Unit 6** (3 - 4 weeks)	**Unit 7** (5 - 6 weeks)	**Unit 8** (4 - 5 weeks)	**Unit 9** (3 - 4 weeks)
Number System Fluency	**Rate, Ratio and Proportional Reasoning Using Equivalent Fractions**	**Rational Explorations: Numbers and Their Opposites**	**Operations with Rational Numbers**	**Expressions**	**One-Step Equations and Inequalities**	**Expressions and Equations**	**Area and Volume**	**Statistics**
MGSE6. NS.1 MGSE6. NS.2 MGSE6. NS.3 MGSE6. NS.4	MGSE6. RP.1 MGSE6. RP.2 MGSE6. RP.3 MGSE6. RP.3a MGSE6. RP.3b MGSE6. RP.3c MGSE6.RP3d MGSE7. RP.1	MGSE6. NS.5 MGSE6. NS.6 MGSE6. NS.6a MGSE6. NS.6b MGSE6. NS.6c MGSE6. NS.7 MGSE6. NS.7a MGSE6. NS.7b MGSE6. NS.7c MGSE6. NS.7d MGSE6. NS.8 MGSE6. G.3	MGSE7. NS.1 MGSE7. NS.1a MGSE7. NS.1b MGSE7. NS.1c MGSE7. NS.1d MGSE7. NS.2 MGSE7. NS.2a MGSE7. NS.2b MGSE7. NS.2c MGSE7. NS.2d MGSE7. NS.3 MGSE7. RP.3	MGSE6. EE.1 MGSE6. EE.2 MGSE6. EE.2a MGSE6. EE.2b MGSE6. EE.2c MGSE6. EE.3 MGSE6. EE.4 MGSE6. NS.4	MGSE6. EE.5 MGSE6. EE.6 MGSE6. EE.7 MGSE6. EE.8 MGSE6. EE.9 MGSE6. RP.3 MGSE6. RP.3a MGSE6. RP.3b MGSE6. RP.3c MGSE6. RP.3d (equations)	MGSE7. EE.1 MGSE7. EE.2 MGSE7. EE.3 MGSE7. EE.4 MGSE7. EE.4a MGSE7. EE.4b MGSE7. EE.4c MGSE7. RP.2 MGSE7. RP.2a MGSE7. RP.2b MGSE7. RP.2c MGSE7. RP.2d	MGSE6.G.1 MGSE6.G.2 MGSE6.G.4 MGSE7.G.1	MGSE6.SP.1 MGSE6.SP.2 MGSE6.SP.3 MGSE6.SP.4 MGSE6.SP.5
These units were written to build upon concepts from prior units, so later units contain tasks that depend upon the concepts addressed in earlier units. All units will include the Mathematical Practices and indicate skills to maintain.								

*__The teacher reserves the right to alter or change any part of this course syllabus to better suit the needs of the students. *__

Weight for Course Evaluation Categories
Grades will be computed by the following weights:
Classwork – 45%

Test/Quizzes – 30%
Projects – 15%
Homework – 10%

Required Materials/Supplies:
- College Ruled Notebook Paper
- 1 ½ inch 3 Ring Binder
- Pencils
- Erasers
- 8 count Index Tab Dividers
- Index Cards (3x5 College Ruled)
- Colored Pencils
- Flash Drive

Useful Resources
- **GIZMO: https://www.explorelearning.com/index.cfm?method=cUser.dspLoginJoin**
- **Khan Academy: http://www.khanacademy.com**
- **CK12: CK12.com**
- **iReady: Located on Clever in rapid identity platform**
- **Rapid Identity: my.clayton.k12.ga.is**

Classroom Rules:
1. Come prepared to class and ready to learn daily.
2. Mute mics
3. Be camera ready (no pajamas, bonnets, head scarfs)
4. No eating

Classroom Expectations:
1. Come prepared for class every day.
2. Be as organized as possible.
3. Be respectful of other students' comments, questions, and ideas.
4. Use your time wisely and always be productive.
5. Always ask questions if you do not understand something.

Policy for Late Assignments
Each student is expected to complete all assignments in the allotted time. **Late assignments will only be accepted in the event of an emergency or if a student was absent**. If an assignment is turned in after the due date it will be accepted with 10 points deducted for each day it is late. No late assignments will be accepted after being 3 days late.

Policy for Make-up Work
IT IS THE STUDENT'S RESPONSIBILITY TO OBTAIN AND COMPLETE MAKE-UP WORK. If a student has an excused absence, you will be allowed the same number of days as your absence in order to make up work missed. Make-up work must be done before or after school, *NOT* during valuable class time.

Make Math Matter