

...Home of the Dragons...



6th grade Mathematics

Ms. Chazmine Mitchell
Course Syllabus 2018-2019

Course Description and Objectives

The sixth grade standards are arranged into units that will extend their knowledge and understanding of elementary topics into increasingly formalized and applicable skills as they transition into upper grades. The Standards for Mathematical Practice are a key component as they are applied in each course to equip students in making sense of problems and building a set of tools they can use in real-world situations. Rather than racing to cover many topics in a “mile-wide, inch-deep curriculum”, the standards ask mathematics teachers to significantly narrow and deepen the way time and energy are spent in the classroom. The elementary grades focused on concepts, skills, and problem solving related to addition and subtraction, multiplication and division of whole numbers, and fractions. In grade 6, the focus is on ratios and proportional relationships, and early algebraic expressions and equations.

Textbook:

Go Math - Houghton Mifflin Harcourt

Unit/Concept Names

Unit 1 Number System Fluency

Unit 2 Rate, Ratio. And Proportional reasoning

Unit 3 P Expressions

Unit 4 One Step Equations and Inequalities

Unit 5 Rational Expressions: Numbers and Opposites

Unit 6 Area and Volume

Unit 7 Statistics

Unit 8 7th Grade Preview

Major Course Projects and Instructional Activities

At least one project will be assigned each grading period. This will be an extension or enrichment of the concepts discussed. Students will have 1 to 3 weeks to complete each project depending on the complexity of the task. Some tasks and/or projects will be completed in class (specifically the unit culminating tasks – these MUST be completed in class only).

Course Assessment Plan

Students will receive a variety of assignments designed to enhance their learning. If a student is absent, the student is responsible for the missed assignment. Students who have an excused absence will be allowed five days to turn in the missed assignment. No work will be accepted after five days.

Evaluation (Schoolwide Grading Policy)

- Summative Assessments 30% (Unit & Chapter Test, Projects, Tasks)
- Formative Assessments 60% (Quizzes, Class work, Graded Writing Assignments, Group Work, etc.)
- Homework/Other 10% (assigned at teacher’s discretion)

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Classroom Procedures & Expectations

The overarching expectation in this class is RESPECT: respect for yourself, respect for other students, respect for the teacher/or any individual in authority, and respect for any guests that may enter our class. Although this encompasses all other expectations, I will outline several others for the sake of clarity.

1. Enter the room quietly and be seated
2. Raise Your Hand to speak or leave your seat
3. Respect your teachers, classmates, and anyone who enters our room
4. Keep your hands to yourself
5. NO FIGHTING
6. NO candy, gum, or snacks in the classroom
7. Keep the classroom clean
8. When my teacher has a quest I am to be quiet and find something to work on

Course Materials

* 1.5" 3-ring Binder w/colored dividers * 1 - Composition Notebook * Pencils (mechanical pencils preferred) * Handheld pencil sharpener * Highlighters
* Loose Leaf Paper * Pencil Erasers * Coloring Utensils (crayons, coloring pencil, or markers)

Donations appreciated for the following (optional):

*Copy Paper * Hand Sanitizer *Dry Erase Markers *Kleenex * Disinfectant Wipes

My contact information:

Email: mitchch@boe.richmond.k12.ga.us

Remind class code: e3hcb4

Resources:

[www. Mathia.com](http://www.Mathia.com)

iReady.com

www.khanacademy.com

To sign up for class reminders, please visit:
remind.com or download the app remind