

Capitol Encore Academy
Math Syllabus
Mrs. Kelley

Greetings 6th grade Mathematicians! This year you will be engaged in High Quality Math Instructions (#HQMI). As your teacher, I am committed to creating a safe and supportive environment where you will reach your full potential. With your support, this year will be exciting, rewarding and a positive learning experience.

Communication is essential and vital to instruction; therefore, you all can expect clear and open communication. At Capitol Encore Academy we use Class Dojo, a great tool for each parent/guardian and student to stay engaged and virtually connected. In addition to Class Dojo, the parent/guardian may stay updated by checking my teacher website: <https://mrskelleycea.weebly.com> or sending a note, an email, or indicate a desire for a conference in your student agenda. If you or your parent need to reach me, please contact me at: Janice.Kelley@CapitolEncoreAcademy.org or by phone at (910) 849-0888 ext 303.

Course Description: Students will focus on five areas of study: *Geometry, Ratio and Proportional Relationships, The Number System, Expression and Equations & Statistics and Probability*. Students will also explore the following mathematical aspects:

- Solve real-world and mathematical problems involving area, surface area, and volume;
- Understanding ratio concepts and use ratio reasoning to solve problems;
- Apply and extend previous understandings of multiplication and division to divide fractions by fractions;
- Compute fluently with multi-digit numbers and find common factors and multiples;
- Apply and extend previous understandings of numbers to the system of rational numbers;
- Apply and extend previous understandings of arithmetic to algebraic expressions;
- Reason about and solve one-variable equations;
- Reason about one variable inequalities;
- Represent and analyze quantitative relationships between dependent and independent variables;
- Develop understanding of statistical variability. Summarize and describe distributions.

Resources: resources that will be used include Google Classroom, Discovery Education, Edpuzzle, Quizlet, Khan Academy, Prodigy Math Games and teacher made resources.

- 1st period Math: **8sopom**
- 2nd period Social Studies: **n3qx20**
- 3rd period Social Studies: **1ea48e**
- 4th period Math: **rldb05**

Materials Needed Daily: Students will use the following materials in class: student agenda, math notebook, class folder and No. 2 pencils. Note: There will be projects throughout the school year that may need extra supplies. All math work is expected to be kept in math notebook, folder or Google Classroom.

The following information is to always be kept with them: **syllabus, agenda and other general course directions.**

Additional materials that students are expected to keep in their notebooks include: **Homework, worksheets, vocabulary, classwork, including notes, outlines, tests and quizzes.**

Assessment: Students will be assessed through daily class work, projects, presentations, quizzes, or tests. Rubrics will be given as projects are assigned and will explain how points are awarded.

Procedures:

1. Enter class quietly; go directly to your seat.
2. Keep math materials on desk. All other items go in designated area. There will be a bell ringer activity when you walk through the door. Begin working once you are settled.
3. Completely copy homework assignments and other information into your agenda book daily.
4. Be ready to learn!

Classroom Expectations:

Every student is expected to follow the classroom rules listed below.

- Respect: yourself, your classmates/adults and your environment
- Raise: your hand, your confidence and your expectations
- Follow: classroom procedures, all directions and school policies

** Math materials are to be treated with care. Improper use of any manipulatives will cause future privileges to be taken away and could result in an administrative write-up.

Late Work/Make- Up Work/ Extra Help:

It is the student's responsibility to gather all missing assignments themselves from their teachers. Late work will not be accepted unless with an excused absence note from the office. Late work must be turned in within the allotted time as directed in school policy. If a student is unable to complete all missing assignments by the deadline, they will be encouraged to seek assistance from Mrs. Kelley. Students are encouraged to

monitor their work on PowerSchool, Google Classroom and student- teacher conferences.

Test Taking:

Students are expected to do their own work. On occasion, students may be permitted to use notes or other materials during a test. An announcement will be made before the test is distributed if notes are permitted. If a student chooses to use materials or use another student's test when not permitted, they will not receive credit on the test. Students will be having the opportunity to experience tests that are administered in several different formats.

Extra Credit:

It is extremely important for students to stay caught up with homework and take advantage of afterschool programs and tutoring when needed. Absolutely **NO** extra credit will be offered to an *individual* student. However, extra credit **may** be offered to a class or group but must be completed by the deadline determined on the extra credit directions.

Please sign the bottom portion and return to class. Thanks!

I have read and understand the intentions and guidelines stated in the syllabus for 6th grade math students.

Student: _____ **Date:** _____

Parent/Guardian: _____ **Date:** _____

I prefer to be contacted by:

Email: _____ - (please list email)

Phone: _____ - (please list phone number)

Letter: _____

_____ - (please list mailing address)