

## 6<sup>th</sup> Grade Math Syllabus 2016-2017

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I am looking forward to a brand new school year with new students! My goal is to empower my students mathematically by coaching them to be critical thinkers as well as scholars understanding our new concepts. Also, by building self-esteem each will be enabled to be positive and productive members of society.

### ***Course Description for 6<sup>th</sup> Grade Mathematics:***

Math class will consist of 7 units that encompass all of the CCGPS for 6<sup>th</sup> grade. Students will complete tasks/activities in class, projects and formative assessments, homework to review learned skills to show understanding of the material. It is not only important to be able to compute with numbers (number fluency) but also be able to take a situation and determine how to apply the skills you have learned. We will be working diligently this year to be able to explain why we completed the problem the way we did and also find the correct solution.

### ***CCGPS 6<sup>th</sup> Grade Units (Common Core Georgia Performance Standards):***

1. Number System Fluency
2. Rate, Ratio and Proportional Reasoning
3. Expressions
4. One-Step Equations and Inequalities
5. Area and Volume
6. Statistics
7. Rational Explorations: Numbers and their Opposites

### ***Resources:***

Your student should have a composition book to take notes in. This is the best resource to help your child study. It is also helpful to check the website for copies of notes, classwork presentations, example problems, etc.

To check for test dates, homework assignments, and general announcements visit our school's link from the county's main website [www.paulding.k12.ga.us](http://www.paulding.k12.ga.us). Choose the staff link and **Kremkau**

We also will be providing two online resource this year. Please keep an eye out for the log in codes which students will receive shortly.

### ***Assignments may include, but are not limited to:***

- |                            |                              |
|----------------------------|------------------------------|
| * Group work               | * Homework problems          |
| * Projects/tasks           | * Practice papers/worksheets |
| * Individual activities    | * Journal entries / Warm ups |
| * USA Test Prep activities |                              |

\*Daily warm ups and journal entries are part of their notes. We strategically pick specific problems and guide students through problems we feel they need assistance doing.

### ***Homework:***

Homework is important and focuses a lot on skill practice and short review. It is an opportunity for students to practice what they have learned and prepare for upcoming assessments. Homework includes a skill sheet practice for the week as well as classwork that needs to be completed. It is imperative that students show their work. If students don't show their work it is considered not being prepared. When students don't complete homework this is considered coming to class unprepared. Being unprepared more than three times results in detention.

### ***Calculators:***

In 6<sup>th</sup> grade students will be allowed to use calculators for some of the standards. Students must come to class with a basic four function calculator. If it is a scientific calculator students will not be allowed to use them. If a calculator can be used we will indicate this at the top of homework as well as worksheets. Phones cannot be used as a calculator.

**Class Participation:**

Students' ideas and thought processes are important to the success in math class this year. We will constantly reflect on previous lessons as well as current ones.

As a student, you should:

- \* Try to be present everyday
- \* Be an active participant in class discussions (including work sessions and closing)
- \* Question whenever necessary
- \* Do your best and keep organized

**Grading Policy:**

**Grades will be based on actual performance and knowledge of content as evidenced by:**

“Summative” assessments are worth **60%** - Continuous assessments toward mastery:

This may include paper pencil test, projects (groups and individual), culminating activities, performance task, constructive response, and online assessments.

“Formative” assessments are worth **40%**- Class work, quiz, journal, homework quizzes, and formal/informal observations.

**Grading Scale**

A= 90%-100%

B= 80%-89%

C= 70%-79%

F= 69% or below

**Retake/remediation:**

Students will have 2 opportunities per semester to take advantage of a retake opportunity on a summative grade. They will have one week to request and complete the remediation packet in order to retake their test. All retakes will be on a designed date before or after school. The retake packet consists of items that need to be completed independently at home, before or after school tutoring, and/or pack-time, prior to the retest.

**Work Habits:**

**Another component of the grading process is work habits. Students will be evaluated based on the following criteria:**

**Organizational skills** – comes prepared to class, “pre-class” activities such as getting materials together as outlined by teacher

**Participation** – works collaboratively and individually, participates in class discussions

**Use of time** – effective use of time, timely completion of class work and homework

**Ability to following directions** – name on paper, adheres to procedures, listening skills

**Initiative** – begins work, prepares in advance, asks for help when needed, gathers needed materials without being told.

**E** – Exceeds expectations

**M** - Meets expectations

**N** – Needs Improvement

**Organization:**

Students will compile, within a composition book, all of their work. This book will become invaluable as they continue their middle school math studies. They also will be required to keep a folder with homework and classwork sheets that are also helpful reviewing and mastering material.

**Behavior:**

Behavior will be dealt by following the Discipline Plan outlined below. There will be no tolerance of the impeding of others' learning.

1. Warning
2. Parent Contact
3. Team Meeting
4. Detention
5. Administrative Referral

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Please sign below that you and your child have read and discussed the Math Syllabus for this year. This will be checked off and returned to the student.

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*Student Signature*

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*Parent Signature*

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*Date*