

Math 6 Syllabus 2017 - 2018

 Mrs. Bothers, Mrs. Katz, Mrs. Leach, Mrs. Ledesma, Mr. Shaw, and Ms. Shumway

**Curriculum:** Welcome to the new school year! I am eager to work with all of my new students as they master new mathematical concepts and enrich their understanding of mathematics. Students will attain a conceptual understanding of mathematical concepts as they work through tasks and activities and apply mathematical thinking and reasoning. They will be expected to explain or justify their processes and answers, as well as model problems with visual representations. I also hope that every student will end the year with a love for math!

Math 6 students will: understand the four arithmetic operations as they relate to rational numbers, including signed numbers; convert between and compute with different forms of rational numbers; understand the concept of ratio and solve problems using proportional reasoning; determine the surface area and volume of solid figures; and use variables to represent unknown quantities in formulae, algebraic expressions, equations, and inequalities. Students will attain a conceptual understanding of mathematical concepts and be able to justify their solutions in writing, as well as model problems with visual representations. You will find all relevant standards at https://www.georgiastandards.org/Georgia-Standards/Pages/Math-6-8.aspx.

**Units and Pacing:** 

*This is a guide. Time actually spent on each unit may vary and is subject to change.*

**Textbook:** Consumable textbooks will be assigned to each student this year. Each student will receive two volumes. If a textbook is lost or stolen, the replacement cost is **$10** per volume. Students also have online access to the textbook.

 **Online Textbook**: <http://connected.mcgraw-hill.com/connected/login.do>

 **Username**: ccsd + lunch number

 **Password**: cobbmath1

**Class Requirements/ Expectations:** Students are expected to be on time for class and prepared with any assignments that are due. Students must bring paper, pencil, an eraser, their Math Survival Guide (MSG) and textbook, and a binder or folder for handouts**. (Only *pencils* should be used in class and for assignments.)** A love of mathematics and a positive attitude are also welcome! We will follow the school-wide behavior management plan.

**Grading Procedures: Grading Scale:**

Daily Work (classwork, warm-ups): 20% A 90 – 100

Formative Assessments (quizzes, performance tasks): 30% B 80 – 89

Homework: 10% C 74 – 79

Online Assessments & Mini-Touchstones: 5% D 70 – 73

Summative Assessments (tests & projects): 35% F 69 and below

**Advanced 6 / Math 6/7 Placement:** Placement in Advanced 6 or Math 6/7 is determined by scores on 5th grade ITBS, SMI, Milestones, and Sixth Grade Math Placement Test. Only students who met ALL criteria were placed in these classes.

**Homework:** Homeworkcan be expected **DAILY**, and students are expected to record it in their agenda. Online homework can be expected **WEEKLY**. Extra resources are available on the blog. Students who regularly practice their math skills are much more likely to be successful than those who do not. ***Students must show work to receive credit****.*

**Assessments:** Students’ understanding will be assessed in a variety of ways. Students will take a **quiz or a test EVERY Friday**.

**Math Help Sessions** will be held on Thursday mornings from 8:15-8:45 a.m. Students are encouraged to attend, participate, be on time, and be prepared with questions. Students who cannot attend may use the resources on the blog and online textbook.

**Late Work / Make-up Work:**Students must turn assignments in on time. Students who turn in late assignments will be subject to partial credit; 10 points will be deducted for each school day past the due date. No late work will be accepted more than three days past the due date. It will be the student’s responsibility to discuss any opportunities to make up zeros with the teacher. Please note that the longer a student takes to complete work, the further behind they will fall.

When students are absent, it is the **student’s responsibility** to ensure that all work is made up. Students can get makeup work from the blog. Students are given one calendar day for each day absent plus one day to turn in the work.

**Contact Info:**  Please feel free to contact your child’s teacher anytime you have questions or concerns. Email is the most efficient way to contact us, and conferences may be set up during our planning, from 2:50 to 3:50.

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| **Teacher** | **Email (Preferred method of contact)** |
| Mrs. Bothers | Audra.Bothers@cobbk12.org |
| Mrs. Katz | Jennifer.Katz@cobbk12.org |
| Mrs. Leach | Amanda.Leach@cobbk12.org |
| Mrs. Ledesma | Yolanda.Ledesma@cobbk12.org |
| Mr. Shaw | Aleem.Shaw@cobbk12.org  |
| Ms. Shumway | Jane.Shumway.cobbk12.org |

**Class Blog:** The Grade 6 Math Blog can be accessed via the “Faculty” link on the school website, or you may go directly to [**http://ecmsmath6.weebly.com**](http://ecmsmath6.weebly.com/). The blog is updated daily, and will include the work done in class, printable and online resources, video tutorials, and homework. It is a great resource, so please take advantage!

**Math Supplies:** Please have the following supplies no later than **Friday, August 4, 2017**:

**Classroom Supplies** **Math Survival Guide (MSG) Supplies**

2 - Single-Subject Spiral Notebooks (except Bothers) 2 100-page Composition Books

Pencils Roll of clear tape (at least 6) OR Glue sticks (Leach only)

Paper Scissors

Erasers Colored Pencils or Colored Pens

Manual Pencil Sharpener w/ cover Sticky tabs (Ledesma only)

Pack of Expo markers

Math Binder or Binder with a Math Section

***\*Note:* This syllabus is a guide and is subject to change in order to accommodate class and individual needs.\***

Please sign below to indicate that you have received, read, and understood the syllabus. Don’t hesitate to contact us with any questions. We will check for signatures (do not cut off), and students will keep this for future reference.

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Student Name Parent Name

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Student Signature Parent Signature

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Parent Email