**Barber Middle School Math 6 Syllabus**

**Mr. Abel, Mrs. Carroll, Mrs. Gallman**

**Course Goal:**

The MGSE (Middle Grades Standards of Excellence) Math 6 curriculum focuses 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 rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking. Students in Grade 6 also build on their work with area in elementary school by reasoning about relationships among shapes to determine area, surface area, and volume.

Although the units in this instructional framework emphasize key standards and big ideas at specific times of the year, routine topics such as estimation, mental computation, and basic computation facts will be addressed on an ongoing basis. Ideas related to the eight practice standards will be addressed constantly as well.

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| **6th Grade Mathematics Teaching & Learning Framework** | | | | | | | |
| **First Semester** | | | | **Second Semester** | | | |
| **Unit 1: Number System Fluency**  5 weeks | **Unit 2: Rate, Ratio, & Proportional Reasoning**  4 weeks | **Unit 3: Expressions**  4 weeks | **Unit 4: 1-Step Equations & Inequalities**  5 weeks | **Unit 5: Area & Volume**  5 weeks | **Unit 6: Statistics**  4 weeks | **Unit 7: Rational Explorations**  3 weeks | **Unit 8: Review and Extend**  6 weeks |

. \*\*This course outline covers the entire school year. It is subject to change as needed.\*\*

**Organization:**

1. Each student is responsible for keeping a math interactive notebook (1”, 3-ring binder) containing all notes, class work, and homework for each unit. They will also need loose leaf paper, pencils, pen (any color), and colored pencils. Optional: basic, four-function calculator (however, we have class sets that students can use)
2. Each student is responsible for missed assignments. Students have one day for every day missed to make up assignments as stated in the handbook. Teacher blogs may also be used to acquire assignments. The math blog will be on Weebly. (Information is on the back.)

**Class Materials:**

The students will be using a variety of materials for their instruction. The electronic math textbook is accessible at the following link: <http://www.cobbk12.org/centraloffice/learningresources/digitaltextbooks.aspx>

**Evaluation:**

Student grades will be determined in the following manner:

**Summative Assessments**: 60% (35% - Tests/Performance Tasks, 25% - Quizzes)

**Formative Assessments**: 40% (20% - Homework/Classwork, 20% - Warm-ups)

***\*\*Student assignments are graded for mastery of the standard, not participation.\*\****

**Classroom Procedures:**

1. Students must bring all required materials daily.
2. **All assignments must be done in pencil**. Any assignment not completed in pencil will not receive credit. This also applies to no-name papers. Take pride in your work; put your name on it!

Assignments must be turned in on the due date, at the beginning of class, to the teacher-designated location. All work missed during an excused absence will be made-up during the time period allowed by school policy. Missed tests/quizzes must be addressed immediately upon your return to school.

1. **No late work will be accepted, unless students follow the #LATEWORK policy**.

If a student comes unprepared to class, he/she must pick up a **#LATEWORK** form. This form must be filled out and stapled to the late assignment when turning it in within 5 days. The late work will not be accepted without the form. See example below.

1. Students will follow the Cobb Code of Conduct, as well as all expectations outlined in the student handbook. (See agenda pages/Cobb folders)

**6th Grade Math Blog:** <https://mathabel.weebly.com/>

**Teacher emails:**

Mr. Abel: [Charles.Abel@cobbk12.org](mailto:Charles.Abel@cobbk12.org)

Mrs. Gallman: [Erika.Gallman@cobbk12.org](mailto:Erika.Gallman@cobbk12.org)

Mrs. Carroll: [Laurie.Carroll@cobbk12.org](mailto:Laurie.Carroll@cobbk12.org)

**Tutoring Days/Hours:** Students may come in for tutoring by appointment with any of the 6th grade math teachers. Once schedules have been finalized, teachers will also have specific days/times available. If your teacher is not available, another one is happy to help you!

**#LATE WORK**  
       Staple this form to the front of your work.  
   
**Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Circle Period:**     1         2         3         4          5

**Assignment Title:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Today’s Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Reason assignment not submitted on time:

\_\_\_\_\_ Absent – For every day you are absent, you are

allowed one additional day to turn in your  
  work in which it will be considered on

time.  Long-range-projects for which the

due date has long been known are due

the day you return to class.  
\_\_\_\_\_  **Other**Explain : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

You CAN do Math!