

**Boston Collegiate Charter School  
Grade 5 Math Syllabus 2011 - 2012**

**Ms. Jessica K. Viola**

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**Course Overview**

Math II is a math program for all 5<sup>th</sup> and 6<sup>th</sup> grade students that supplements the traditional curriculum and provides an opportunity for students to spend more time studying important concepts in greater depth. The 6<sup>th</sup> grade Math II curriculum is designed primarily using a hands on workshop approach to ensure that students develop an understanding of various concepts such as: Place Value and Number Sense, Whole number, Decimal, and Fraction Operations, Algebra, Geometry, and Statistics and Probability.

During the school year, it is our goal to build students' confidence and skills in the area of mathematics while challenging them in a supportive environment.

- **Unit 1** Introduction to Workshop and Problem Solving Strategies
- **Unit 2** Place Value and Number Sense
- **Unit 3** Addition and Subtraction
- **Unit 4** Multiplication
- **Unit 5** Division
- **Unit 6** Introduction to Algebra
- **Unit 7** Fractions
- **Unit 8** Decimals
- **Unit 9** Geometry
- **Unit 10** Statistics and Probability
- **Unit 11** Final Project and Review for Finals

**Assessment**

Homework is given daily and expected to be thoroughly and thoughtfully completed by the next morning. Mad Minutes will occur at the beginning of each class. Each workshop will be counted as an individual or group grade, which will count as a Major assessment. Various other grades from class will consist of individual classwork grades and quizzes. These will culminate in a comprehensive final exam to be taken at the year's end.

**Grading Policy**

Homework	20%
Mad Minutes	20%
Major Assessments (Workshops)	30%
<u>Classwork/Minor Assessments</u>	<u>30%</u>
Total	100%

## **Tutoring**

This year, the Lower School will continue to implement a targeted tutoring program, designed to provide additional skill support to struggling students. **As a result, tutoring is by invitation only.**

## **Class Materials for Math II**

The materials required for Math II class each day are:

- 1-3 sharpened pencils with erasers or mechanical pencils with erasers and sufficient replacement lead
- a hand-held pencil sharpener
- 1 two pocket folder

Students DO NOT need, nor should they use, a calculator at any time.

Students will be expected to keep all Math II work in their two pocket folders. Students must keep all work unless otherwise directed by a teacher.

## **Class Policies and Procedures**

Absences: If you are absent, it is **your** responsibility to complete all assigned work in the allotted time. To encourage independence, students must check in with the appropriate teacher to ensure they understand all classwork and homework that was missed.

**Finally, please refer to the BCCS Student and Family Handbook for additional policies regarding attendance, behavior/code of conduct and homework expectations.**

I am looking forward to working with you this year.

Sincerely,

Ms. Jessica Viola

## Course Description Agreement

*Once you and your family have read the above course description, please sign and comment (if necessary) below. Please return this last page tomorrow for your first homework grade.*

**I have thoroughly read the above material and understand the expectations set forth for Math II.**

\_\_\_\_\_  
Student Name (printed)

\_\_\_\_\_  
Advisory

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Best Phone Number

\_\_\_\_\_  
Email Address

Comments:

