**Kennedy Middle School**

**7th Grade Math, Core Connection 2 (CC2)**

**2019 – 2020 School Year**

**Ms. Le, Room 534**

**Email:** [**jle@rcsdk8.net**](mailto:jle@rcsdk8.net)

**Website: mslesclass.weebly.com**

Course Description: Core Connections, Course 2, is the second of a three ­year sequence of courses designed to prepare students for a rigorous college preparatory algebra course. It uses a problem-­based approach with concrete models. The course helps students develop multiple strategies to solve problems and to recognize the connections between concepts. The lessons in the course meet all of the content standards and embed the “Mathematical Practices” of the Common Core State Standards.

**Required Texts & Materials: Please make sure your student has the following materials with them each day:**

● 2 pencils with erasers

● High­lighter pen

● Purple pen or color pencil for grading

● Composition grid book or graphing notebook

● Scientific Calculator

● Access to the Internet to access textbook and check homework assignments daily (Please indicate in the form on the last page if you have internet access at home)

The CC2 textbook and CC2 Toolkit will be provided in class.

Organization: We encourage you to help your student keep track of their supplies and notebooks. Please go through their backpack with them once a week to locate important forms, missing homework, and to keep the papers correctly placed in their notebooks. Students should have a folder or notebook at home where they can keep older work that they may need to refer back to during the year. Thank you for your help!

California State Standards Covered: All academic courses are aligned with California State Standards. For a comprehensive listing of state standards, visit the California Department of Education website at <http://www.cde.ca.gov/> In addition, a listing of the Common Core Standards for Math can be found at [http://www.corestandards.org/the­standards](http://www.corestandards.org/thestandards)

Student Assessment:

* Homework 10%
* Classwork/Participation 20%
* Quizzes/Projects 20%
* Tests 50%

Class Expectations: Please bring your notebook, Tool Kit, textbook and writing materials everyday. Students will be assigned homework most days. On the following school day, the homework will be corrected in class. If students are absent, they may have one day to make­up work for each day that they missed. The homework assignments for the week will be listed on my website. All homework and classwork is to be done in the notebook, which will be collected and graded at the end of the chapter. No loose papers unless specified for a specific assignment. At the end of every chapter there will be a quiz and a group project. After the quiz and notebook have been graded and returned, the test date will be about one week later. I am available afterschool most days for extra help.

**Course Outline**

* **Ratios and Proportional Relationships**

Analyze proportional relationships and use them to solve real­ world and mathematical problems.

* **The Number System**

Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

Know that there are numbers that are not rational and approximate them by rational numbers.

* **Expressions and Equations**

Use properties of operations to generate equivalent expressions.

Solve real ­life and mathematical problems using numerical and algebraic expressions and equations.

* **Geometry**

Draw, construct and describe geometrical figures and describe the relationships between them.

Solve real ­life and mathematical problems involving angle measure, area, surface area, and volume.

Solve real ­life and mathematical problems involving volume of cylinders, cones, and spheres.

* **Statistics and Probability**

Use random sampling to draw inferences about a population.

Draw informal comparative inferences about two populations.

Investigate chance processes and develop, use, and evaluate probability models.

**Math Core Connections 2 (CC2)**

**Ms. Le**

**2019 – 2020 School Year**

I have reviewed the entirety of this syllabus (2 pages) with my student and both my student and I understand all course policies.

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Printed Parent Name

Work or Cell Phone number(s):

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Parent email address:

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Student Print Name

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Student Sign Name Date

**Internet access at home?**

Please circle one Yes No

**My child is able to stay after school for extra support if needed…**

Please circle one Yes No