Course Description

Middle School Mathematics 2 is a hands-on course full of slideshows, applications, videos, and real-world scenarios. The instruction in this course focuses on four critical areas: (1) developing an understanding of and applying proportional relationships (2) developing an understanding of operations with rational numbers and working with expressions and linear equations (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume (4) drawing inferences about populations based on samples.

This is a yearlong course consisting of 8 units.

Course Overview

Semester 1

- Rational Numbers
- Application of Rational Numbers
- Equations and Inequalities
- Proportions

Semester 2

- Geometry
- Probability of Simple Events
- Probability of Compound Events
- Statistics

Required Course Materials

Please access the list of course materials from the OC Online book ordering system and order your materials as soon as possible. Oftentimes, course materials are on back order and you may experience a delay in receiving them, causing students to fall behind in their online coursework. When ordering used or rented materials, be careful that online access codes are also current.

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Methods of Evaluation

Students will demonstrate mastery through the following formative and summative assessments:

- 40%   Assignments
- 10%   Participation (Discussion Posts, Synchronous Sessions)
- 10%   Quizzes
- 25%   Final Exam
- 15%   Unit Tests

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