

Math - 7+ Grade

Content Overview:

The *Core Connections* courses are built on rich, meaningful problems and investigations that develop conceptual understanding of the mathematics and establish connections among different concepts. The lesson problems are non-routine and team-worthy, requiring strategic problem solving and collaboration. Throughout the course, students are encouraged to justify their reasoning, communicate their thinking, and generalize patterns. The focus of Math 7+ is varied application of 7th grade standards and also some 8th grade standards to prepare students for Algebra I the following year.

Specific content focuses are: *Fraction and Arithmetic properties, Simplifying Variables, Graphs and Equations, Multiple Representations, System of Equations, Transformations and Similarities, Proportions and Percents, Statistics and Angle Relationships, Circles, Slope and Association, Exponents and Functions, Pythagorean Theorem, Surface Area and Volume.*

Text Books:

CPM

<https://cpm.org/core-connections-table-of-contents/>

Assessments:

CPM assessments with teacher-generated enrichment items.

[OST- Math](#)

CLICK HERE 7th Grade [Standards and Learning Goals](#)