

Math - 8th 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.

Specific content focuses are: *Problem Solving, Simplifying Variables, Graphs and Equations, Multiple Representations, System of Equations, Transformations and Similarity, Slope and Association, Exponents and Functions, Angles and the Pythagorean Theorem, Surface 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 8th Grade [Standards and Learning Goals](#)