

Honors Geometry

Course Overview:

The Geometry course aims to formalize and extend the geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions and building a formal understanding of similarity based on dilations and proportional reasoning. It also helps students develop the concepts of formal proof, explore the properties of two- and three-dimensional objects, work within the rectangular coordinate system to verify geometric relationships and prove basic theorems about circles. Students also use the language of set theory to compute and interpret probabilities for compound events.

Text Books:

CPM- <https://cpm.org/ccg-cca-cca2-table-of-contents/>

Assessments:

CPM Assessments and Teacher Created Assessments

[OST Assessment](#)

CLICK HERE Geometry [Standards and Learning Goals](#)