



Ms. Orr
CCHS Math Teacher

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Geometry:

[Syllabus](#)

In Geometry, the content of the program focuses on six domains: (1) Congruence, Proof, and Constructions, (2) Similarity, Proof, and Trigonometry, (3) Extending to Three Dimensions, (4) Connecting Algebra and Geometry through Coordinates, (5) Circles with and without Coordinates, and (6) Applications of Probability. As part of this study, the course examines transformations, geometric theorems, applying geometric concepts in modeling situations, and probability. In addition, the program includes an emphasis on problem solving, reasoning abstractly and quantitatively, attending to precision, and looking for and expressing regularity in repeated reasoning.

Transition to Algebra 2:

[Syllabus](#)

This course helps to build the concepts and skills needed in Algebra II. This program based on five domains: (1) Number and Quantity, (2) Algebra, (3) Functions, (4) Geometry, and (5) Statistics and Probability. The program includes a focus on making sense of problems and persevering to solve them, reasoning abstractly and quantitatively, modeling with mathematics, using appropriate tools strategically, and looking for and making use of structure. Students who complete this course will have developed a stronger mathematical foundation, which will allow for success in Algebra II. This course does not fulfill the graduation requirement for Algebra II and does not meet NCAA eligibility requirements for athletic participation in collegiate sports.