The Geometry course is a year-long college preparatory course. The course is intended to show the connection between algebra and geometry, with this interplay developing and strengthening students' ability to formulate and solve problems within a variety of situations. The course will develop the ability to think creatively about mathematics, reason logically, and use an analytical approach to geometric properties and their relationships. Students identify and utilize geometric postulates, definitions, and theorems. Focus is placed on problem solving involving these geometric concepts applied to everyday life situations. Students will recognize and appreciate the role that Geometry plays in various careers. The Geometry Connections course is a double period designed to remediate basic algebra skills along with the study of geometry. The Geometry Honors course will be accelerated to include more rigorous exercises and additional topics throughout the scope and sequence of the curriculum.