



9th Grade

Welcome to 9th grade. We are looking forward to getting to know you better and as a team we will help you master the material needed in 9th grade.

Math will be an adventure that will take you through the material needed to understand for the Rise test at the end of the year. You will use textbook material, spiral review, and activities to help you understand the material and show your proficiency in the math we are learning. We will also monitor progress using Renaissance Star Tests throughout the year.

Please come prepared for class each day and we will work together to help you learn. Yes, you will have homework, quizzes, and tests. If you need help, I will be available to help you before or after school.

Exploring Computer Science

Students will explore a wide range of technologies and fields in this course. Included are Web Development, Game Development, Application Development, Robotics, Graphic Design, and Arduinos. Within these some of the languages that will be seen include C++, Python, HTML/CSS/Javascript, and WYSIWYG.

Please be prepared to come to class to work each day with pencil and paper. Most of the work for the class will be in school, hands-on work.

Web Development

Students will Dive Deep into web development and explore development using HTML/CSS/Javascript and WYSIWYG editors. We will build a personal portfolio website that will highlight accomplishments of the individual.

Please be prepared to come to class to work each day with pencil and paper. Most of the work for the class will be in school, hands-on work.



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History:

Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students explore the world through the study of human geography. This course covers basic geospatial concepts, population and migration, culture, politics, agriculture, industry and economic development, and urban geography. It is not just a course; it's a course of action that exposes students to a world they have not been able to explore, and to the social, political, and economic practices that have created the world we live in.

Science:

Science is more than just learning vocabulary words and research papers. Science is a way of thinking! This year we'll learn how to think like a biologist by learning to plan and carry out experiments, analyze and interpret data, and read and write to communicate our findings. 9th grade science is FULL of simulations, labs, and hands-on projects all designed to help students become true scientists. This year we'll learn about all the levels of organization from organelles and cells all the way up to ecosystems and biomes.

English Language Arts

Students will continue to build on their reading and writing skills. Students will read informational texts and different pieces of literature to help them develop skills in phonics, fluency, grammar, spelling, vocabulary, reading comprehension, and writing processes. The goal of junior high ELA is to help students become active readers and clear writers.

Please come to class with your paper and pencil and be prepared to make the most out of each day.