Overview

This course introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. With a unique focus on creative problem solving and real-world applications, this course gives students the opportunity to explore several important topics of computing using their own ideas and creativity to create artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field.

Who is it for?

This course does not require students to come in with any computer programming experience. However, we recommend that students take our Introduction to Computer Science prior to our AP courses. Students who have completed our Intro to CS course will be able to apply knowledge of concepts covered in the Intro course to the more advanced setting of the AP courses.

What do you learn?

- Introduction to Programming
- Program with JavaScript
- Python Control Structures
- Functions and Parameters
- Basic Data Structures
- Digital Information
- The Internet
- Data
- Performance Tasks
- Review for the AP Exam