

CREATIVE CODING

Creative Coding is a first semester course for introduction to programming for the early secondary grades. The course is designed to attract and reach a broad and diverse range of students, including those who may have never considered programming. Students learn how to code by working in a real software development environment to design, program and publish mobile apps and games. Learning to code by creating real products, students discover how to make amazing things and have an impact on their world.

- Demonstrate knowledge of basic structure, elements, and logic of computer games
- Explore randomization in games
- Manage and control game objects
- Control game flow and add enhancements to games and make them their own
- Explore basic App design and creation
- Participate in independent project development and collaboration

