

PLTW-IT-8-APP Creators/Digital Multimedia/Computer Science w/ Mr. Falk:

In this course, students discover the principles of the fast-growing field of APP Writing. By focusing on creativity they will create their own Phone/Tablet APPS using MIT App Inventor. They also learn how to create and design professional looking video, photography, and presentations.

Activities:

Digital Doodle Application-An APP you create that takes a picture and lets you edit and draw on the picture

Count Me In Application-An APP you create that creates a counter and adds pictures and sounds

Representing Music-You will use Audacity to record and edit music and sounds

Sound Decisions Application-A Game APP you create that uses a moving ball, game field, sounds, and images

Hockey/Tennis/Asteroids Application-A Game APP that you create that uses a moving object, a game field, counters, scoring, sounds, and images

See Through-Creation of images and Editing images using GIMP II

Sprite Smash Application-An APP you create that uses a game field, a moving Image Sprite, a counter, scores, and a timer

Picture Pool Application-An APP you edit that uses moving images, lists, scores, timers, sounds, and actions

Wikipedia that Application-An APP you create to search words using Web Browsers with Wikipedia and Google

Your Turn-An APP you create, that you design, for yourself

What's Worth Making-An APP you create for someone else using their needs to guide you

An APP for a Client-An APP you create for a client to meet their needs

Cyber Ethics and Cyber Law

Digital Responsibility

The Pledge to do the Right thing in Computing

Computer Science Careers