

Intro to Media

Syllabus

Eckley

## **Intro to Media**

### **Course Description:**

In this eighth grade course, we engage with more abstract elements of Computer Science. Students move from a block-based (Scratch) to a text-based programming language (Python) and projects throughout the curriculum become more programming-dependent. Students will be introduced to concepts like recursion and object-oriented programming. Students will develop autonomy and are encouraged to seek out both the challenges and the support that will engender a meaningful learning experience. By the end of the marking period, students will have begun to develop identities as creators rather than consumers of technology, and that they will be ready and excited to further explore Computer Science in the ways that best suit each individual student.

Students will also learn how to use studio audio recording equipment to write, create, and produce podcasts on a variety of topics. We will discuss how information technology can help us share our ideas with others in safe and beneficial ways. We will look at different production techniques that can be used in web-based recording applications directly with their Chromebooks.

### **Grading:**

Main independent coding and podcasting projects: 50%

Small group projects: 30%

Participation (Class interaction, preparedness, etiquette): 20%

### **Course Needs:**

Chromebook (EVERY DAY!!!)

Scratch (found in Classlink)

Google Sites

Soundtrap

Audio recording equipment

P5.js (for Python activities)