

K-12 EarSketch Course Overview

Computer Science Principles (Regular and AP)

Closely aligned to Computer Science Principles regular and AP courses, this curriculum is divided into three units: Fundamentals, Abstractions, and Structures.

Audience: Students in Regular Computer Science Principles or AP Computer Science Principles,

Grade Levels 8-12

Duration: 8-10 weeks

Your Voice is Power

This curriculum centers on the themes of how music, computer science, and entrepreneurship can be tools to learn and fight for social justice.

Audience: Students in any subject!
This curriculum centers on the themes of how music, computer science, and entrepreneurship can be tools to learn and fight for social justice,

Grade Levels 6-12

Duration: 6 days

Project STEM: Introduction to Computer Science

In collaboration with Edhesive, this course teaches the foundations of computer science and basic programming.

Audience: Students in an introductory computer science course,

Grade Levels 9-12

Duration: Semester or year-long option

1 Hour of Code

Intended as a lightweight introduction, learn the basics of coding with EarSketch and compose a short song.

Audience: Middle School and High School students,

Grade Levels 6-12

Duration: 1 hour

CAPACITY: Culturally Authentic Practice to Advance Computational Thinking in Youth

Engage in authentic and culturally relevant problem-based, inquiry learning (PBIL) projects in STEM topics through the development of computational thinking skills.

Audience: Students in an introductory CTAE computer science course (ie. Introduction to Digital Technology), Separate curriculum for

Grade Levels 6-8 and 9-10

Duration: Year-long curriculum consisting of four units that can be taught independently

Find out more at:

<https://www.teachers.earsketch.org/curriculum-catalogue>