

Learning Progression

Intro to Computing

STEM based program for early learners introducing foundations of programming and computer science. Fun and age appropriate.

Ages 7 to 8

Python 1

Students learn to code in Python while developing strong foundations in computational thinking, logic and creative problem-solving.

Ages 8 to 9

Python 2

Students continue with Python with challenges that are more complex, requiring more analysis and planning, as well as the use of all classes of Python in their solutions.

Ages 9 to 10

HTML/CSS

Create HTML web pages. Style your web page with CSS (Cascading Style Sheets)

Ages 11 to 15

JavaScript

Learn how to add all kind of special effects such colors, pop ups and the command box. Learn to use conditional logic (if, else, if else), functions and function parameters.

Ages 11 to 15

Native Python

Python is a high level programming language that has become a standard in industry and at all top universities. This is college 100 level coding.

Ages 14 to 18

Native Java

Java is a object oriented programming language that is widely used for cross platform applications. This course introduces programming in Native Java using an IDE.

Ages 15 to 18