

AP Computer Science Principles Parent Guide

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. AP Computer Science Principles course does not have a designated programming language.

1st 6 Weeks:

Digital Information
The Internet
Introduction to App Design

4th 6 Weeks:

Parameters, Returns, and Libraries
Creating Performance Task Prep – College Board Exam

2nd 6 Weeks:

Introduction to App Design
Variables, Conditionals, and Functions
Lists, Loops and Traversals

5th 6 Weeks:

Data
Cybersecurity and Global Impacts
Exam Review and Practice

3rd 6 Weeks:

Lists, Loops and Traversals
Algorithms

6th 6 Weeks:

AP Practice Exams
AP Computer Science Principles Exam

Questions? Please contact your course computer science teacher.