

AP Computer Science A Parent Guide

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

1st 6 Weeks:

Computer Science/ Programming Fundamentals/ Java Basics
Objects and Methods

4th 6 Weeks:

Class Creation
Data Collection

2nd 6 Weeks:

Objects and Methods
Selection and Iteration

5th 6 Weeks:

Data Collection
Exam Review and Practice

3rd 6 Weeks:

Selection and Iteration
Class Creation

6th 6 Weeks:

AP Practice Exams
AP Computer Science A Exam

Questions? Please contact your course computer science teacher.

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