

AP Computer Science

TOPICS
Unit 0A – Computer Science, Computer Lab, Objects Introduction
Units A, B, C – Input, Output, and Variables
Units 1 – Methods / Graphics
Units 2 and 3 – Classes, OOP, Math Operations
Unit 4 - Strings and OOP , Intro to Recursion
Units 5-7 – Conditionals – If, If else, If else if, Switch Case
Units 8-9 – Iteration – For Loop and While Loop
Unit 10 - Boolean Logic and Boolean Laws
Unit 11 - Iteration – Nested Loops
Units 12-13 – Chopping Strings and File Input
Units 14-15 - One dimensional arrays
Unit 16 - ArrayList
Unit 17 – References / Parameters
Unit 18 - Interfaces / OOP
Unit 19 – Array of References
Unit 20 - Inheritance
Unit 21 - Recursion
Unit 22 - Advanced Sorting and Searching / Comparable
Unit 23 - Abstract Classes
Unit 24 – Matrices
AP Review