

## **AP Computer Science A**

This course is an introduction to the principles by which professionals write programs for computers. However, we will not write full programs in the course. We do, however, learn most of the material by completing lab assignments on the computer -- there is far less lecture than a traditional math class.

Students do not need any previous programming experience to take this class. However, many of the students in the course will have taken programming classes in the middle school so rookies will feel behind for most of the first semester. Rookies who work hard usually do fine.

### **Who should take the course:**

- Students with a curiosity about computers and an interest in learning about computer programming.
- Students who are good at "thinking on their feet" in math class. Students who can figure out how to approach new problems in math class. Students who like solving unconventional math problems.

### **Who will struggle in this course:**

- Students who need many practice problems in math class in order to really understand what he/she is doing.