

AP Computer Science A
Summer Assignment for School Year 2019 - 2020
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Welcome to AP Computer Science A!

The purpose of the AP Computer Science (AP CS) summer assignment is to prepare you for the challenges in AP CS and to ensure the student is aware of the content and commitment level involved in this college level course. **Please read and complete all steps in this document. The assignments are due at the beginning of the 2019-2020 school year.**

If you have questions, please email calworth@rumsonfairhaven.org and I will reply as soon as possible.

We will be taking advantage of the BRING IT! network available to students to use their own devices in the classroom. Due to the nature of the course with the labs, projects and software; it is strongly encouraged to have your own personal device.

Summer Assignment:

1. Watch some videos and start thinking of what is possible with computers:
 - a) A Day Made of Glass... Made possible by Corning (2011)
http://www.youtube.com/watch?v=6Cf7IL_eZ38
 - b) A Day Made of Glass 2: Unpacked. The Story Behind Corning's Vision
http://www.youtube.com/watch?v=X-GXO_urMow
 - c) Make the Future - A Career in Computer Science
<http://www.youtube.com/watch?v=nvhYDTh9T2A>
2. Complete the Summer Assignment Questions (below). Turn this in on the first day of school. You will receive one Formative grade for this completed assignment.
3. Download Java SDK (software development kit) and an Integrated Development Environment on your computer. We will be using Eclipse as our Java editor. This should be installed and ready when you arrive to school in September.
 - a. Java SDK:
<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
 - b. IntelliJ: <https://www.jetbrains.com/idea/download/#section=windows>

