

# POSNACK

S C H O O L

## Summer Assignment 2021 - 2022 · AP Computer Science Principles

### Websites:

<https://studio.code.org/join/VBGTNR>

<http://codehs.com/go/8904B>

Welcome to AP Computer Science Principles. I am looking forward to an exciting school year of teaching Computer Science with every single one of you. As a college level course, AP Computer Science Principles is both challenging and rewarding. To get ready for the course, students are asked to complete the following assignments from the website before the first day of school. All work will be checked. We will be checking your work throughout the summer and reviewing the material throughout the year for use in our final project. There will also be a class survey when you come back so I can gauge what skills you bring to our course. Come to class the first day of school with your assignment completed and ready with any questions. I am excited to be working with all of you in the upcoming school year.

Please complete Lesson 1 on code.org (Intro to App Lab). This unit will introduce you to the basic concepts of JavaScript and building apps using the AppLab on the code.org website. You have the option of programming using drag and drop blocks or switching into text mode for pure JavaScript. At the end of this unit you are challenged to design your own app in the AppLab. For this app I want you to try to design a basic app to introduce yourselves to each other and to me. It should have the following information in it using images and text. Your name, your grade, what your personal interests are, why you picked this class, incidentals you want to share with the class, and what your academic strengths/weaknesses are.

In addition, please go to codehs and complete all of Unit 1: Introduction to Programming. These 2 assignments are part of a Summative Score due to the way the Computer Science Principles exam has a Performance Task and Multiple-Choice section. Have a great summer!