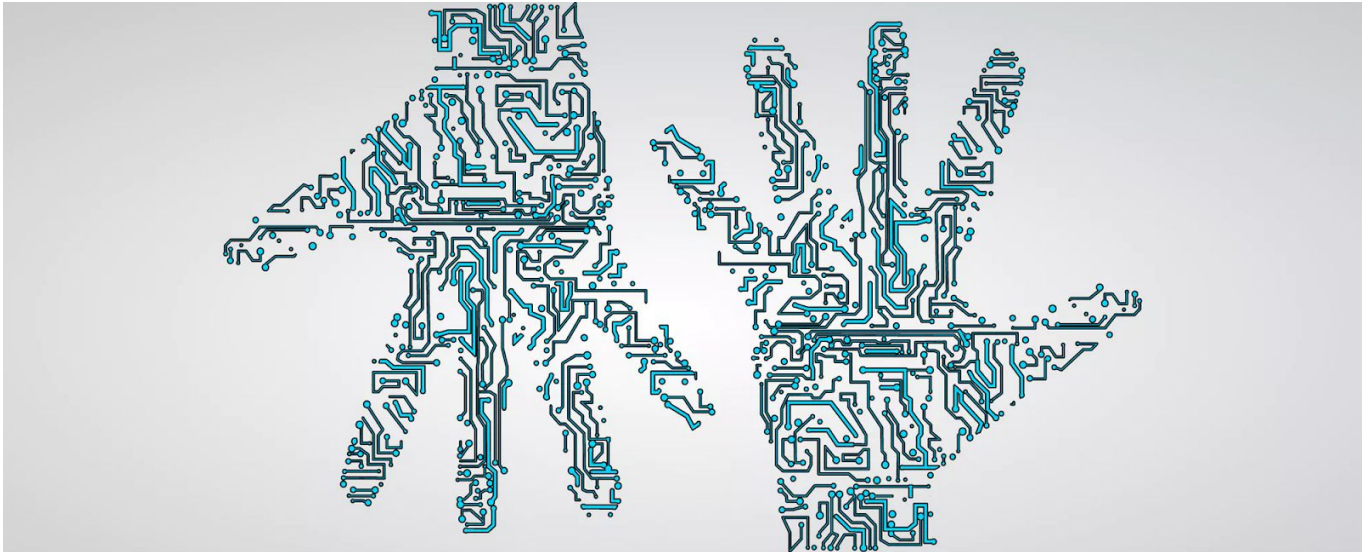# A.P. Computer Science Principles Summer Homework



**Welcome to APCSP!** AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

**Please e-mail all completed work to Ms. Buch at carly_buch@dpsk12.org**

**Part One: EXPLORE:** Research a new piece of technology and create a google slides presentation using the following format.
1. Pick a piece of technology from this list: **https://tinyurl.com/2020CSPSummer**

2. Use this link to create a set of slides to e-mail to Ms. Buch: **https://tinyurl.com/NorthSummerCSP**

**Create:** Complete these coding exercises on code.org (also create an account with your DPS e-mail before accessing the link below to join our summer homework class!)
https://studio.code.org/join/ZQDYKX