

AP Computer Science A 2019-20
Summer Assignment
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Below is the summer assignment for AP Computer Science Principles. Note: You will need a flash drive (at least 4 GB) for this course.

Assignment 1: You will need a flash drive (at least 4 GB) for this course. You will need this drive on the first day of school. Rename your USB drive your last name by right clicking on the drive, click “*Rename*” and enter your last name.

Assignment 2: Become familiar with the AP CSP vocabulary terms listed on the below. You may want to check out the Quizlets at quizlet.com or reference the PC *Glossary* website at <https://pc.net/glossary/>. Be prepared for a vocabulary quiz the first week of school.

AP Computer Science Principles Vocabulary

The following terms will be used regularly throughout this course, please familiarize yourself with them.

Algorithm	Innovation
Antivirus	Internet
ASCII	IP Address
Bandwidth	ISP
Big data	Latency
bit	Lossless compression
byte	Lossy compression
bytecode	Low Level Programming Language
binary	Malware
bit rate	Metadata
computationally hard	Moore’s Law
copper wire (electric transmission)	Net neutrality
digital divide	Packets
DNS	Phishing scam
Encryption	Radio waves (wireless transmission)
Fiber Optic Wire (light transmission)	TCP
Heuristic	Unsolvable problem (computer science)
Hexadecimal	URL
High Level Programming Language	User Interface
HTML	HTTP