Ryan Perkins Internet Definitions

URL: the address of a world wide web page

TCP/IP: Transmission Control Protocol/Internet Protocol, a set of networking protocols that allow two or more computers to communicate

UDP: User Datagram Protocol, a different protocol than tcp, allows for faster connections that tolerate data loss

DNS: Domain Name System, a system to convert urls into ip addresses

Packet: a small piece of information to be transmitted between computers

Port: a number associated with a protocol that prevents mixing protocols and confusing data

Protocol: a set of rules governing the exchange of information between computers

Bandwidth: the maximum rate of data transfer for a given computer

Phishing: using fake emails to convince people to reveal personal information

Ssl: Secure Sockets Layer, security technology that encrypts the link between server and computer, allowing for private data transfer

Ddos: Distributed Denial Of Service, coordinated attacks from multiple compromised systems deny service to a target by crashing a website with too many connection requests and/or bad packets

Ransomware: a software that will block access to a computer until some money is paid to the ransomer

Write a paragraph on what the internet means to society and you today.
For society, the internet is a tool used to search for information and communicate with other people. This is the fastest form of communication the world has ever known, and will probably be used for quite a long time. Information has never been so available to the public. To me, the internet is used mainly as a form of entertainment. I play games, watch videos, and browse memes. A large section of society does this as well, but mainly it is used for information and communication.

Collect URL's for the following:

College Board AP CSP home page:
https://apcentral.collegeboard.org/courses/ap-computer-science-principles?course=ap-computer-science-principles

Canyons District: http://www.canyonsdistrict.org/

CTEC: https://ctec.canyonsdistrict.org/

Swift Language guide:
https://docs.swift.org/swift-book/LanguageGuide/TheBasics.html

Twitter or other social media site: https://www.youtube.com/