Define the the following terms with regards to the internet/networking:

- URL→ the address of a page on the World Wide Web
- TCP/IP→ Transmission Control Protocol/Internet Protocol→ A set of networking protocols that allow two or more computers to communicate.
- UDP→ User Datagram Protocol→ Part of IP, used to send short messages, unreliable
- DNS→ Domain Name System→ the system the Internet used to convert the letter names to numerical name values in URLs
- packet→ Contains destination address in addition to the data [AKA Datagrams]
- port→ connection between the computer and an external or internal device
- Protocol→ A set of rules/procedures for sending data between devices
- bandwidth→ the amount of data that can be sent from one spot to another
- phishing→ a malicious group/person who sends emails etc. to get a person's personal information
- ssl→ Secure Sockets Layer→ standard security tech to establish encrypted link from web server to browser and back
- ddos→ Distributed Denial of Service→ Multiple compromised systems are used to combat a single system
- ransomware→ malware that holds a computer 'Hostage' until the person who owns it pays a 'ransom' fee

Write a paragraph on what the internet means to society and you today:

The internet has become an integral part of our society today. People communicate on a daily basis using the internet to negotiate projects and to keep in touch with their families. The internet is an easy place to spread your ideas and try to help others understand you. It's also an information hub. There is plenty of information out there to help someone understand something they initially knew nothing about. I use the internet when I need help understanding something because it's a fast, easy-access, way to gain information.

Collect URL's for the following:

- [College Board AP CSP home page](#)
- [Canyons District](#)
- [CTEC](#)
- [Swift Language guide](#)

- [Twitter or other social media site](#)