WWW Components Review

1. Your personal computer & Web browser software to access the Web
   a. Basic PC Parts- i.e. Processor, storage , keyboard, mouse, RAM
   b. Communication device:
      i. Modem
         1. uses phone lines to communicate with other computers
      ii. NIC
         1. uses Category 5 cable to connect to a network
   c. Web Browser – Software application on the PC that interprets HTML code sent from servers on the internet
      i. Browsers are not all the same
2. ISP
   a. ISP= Internet Service Provider
      i. A company such as AOL, Qwest, Comcast. Clear, etc. who offer connections to the internet for a price
3. Servers
   a. A storage device, such as a hard drive, that makes files available to users over a network.
      i. Users are called clients
4. WAN's and LAN's
   a. WAN= wide area network – linked system of computers that cover a larger area, IE- Salem Keizer School District
   b. LAN=local area network – linked system of computers in a smaller area, IE- McKay High School
5. Switches and Routers- (think of a train station where many lines meet)
   a. Routers- GPS of the internet.
      i. Establish pathways for data to travel from various points on the internet
   b. Switches- Doorway controllers, AKA Traffic Signals or cops of the internet
      i. Allows information packets (data) to enter the pathways established by the routers.
6. Internet Backbone
   a. Backbone of the internet- huge data clines owned by companies such as Sprint-SBC, Verizon, etc. These massive cables can handle millions of data transmissions and are the main places that information travels on the WWW. Other smaller lines connect to these major lines.