

Key Vocabulary

ranking	Search engines rank web pages with the most popular at the top.
keyword	A word/group of words an Internet user uses to perform a search in a search engine.
communication	Exchange of information between two or more things.
index	A method of sorting data by listing keywords.
crawler	A bot, script or program that visits a webpage and grabs its content and links.

Key Facts

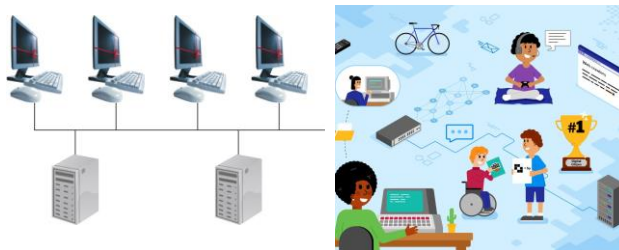
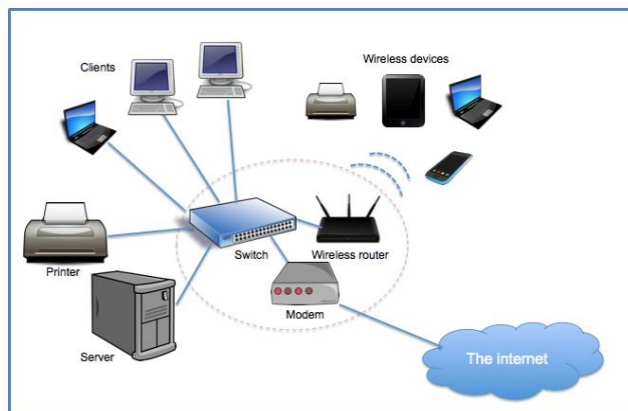
- The process by which people create, exchange, and perceive information using networked communication classifications. It also includes 'nonnetworked' computers that allow encoding, transmitting, and decoding information.
- Computers are critical for communication and are **the centerpiece of information technology**. The early 1990s saw the emergence of household Internet use, which eventually spurred common use of email, websites, blogs, social networking and video chat.

Key Questions

- How do computers communicate?
- Do all search engines use the internet?
- How do I know the information is reliable?
- Which is the best search engine?
- How did people communicate before the internet?
- How cold is the internet?

Links to other Learning

- Year 1 - Computing systems and networks *Technology around us*
- Year 2 - Computing systems and networks - *IT around us*
- Year 3 - Computing systems and networks - *Connecting computers*
- Year 4 - Computing systems and networks - *The Internet*
- Year 5 - Computing systems and networks - *Sharing information*
- PSHE - Online Safety



Famous Computer Scientist

Paul Baran
(1926-2011)



Paul Baran was a Polish-American engineer who was a pioneer in the development of computer networks.