

Intro to Networks

Watch the video and answer the questions. Note, the answers to these questions may not be in order!

1. What is a network?

2. List 3 activities that networks allow users to do.

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3. Is your computer connected to a network right now?

4. Which piece of network equipment is commonly used to allow devices to connect via cables and form a network?

The video mentions that computers in a room are connected to a “wall socket”, and then to a “patch panel” and then to the device you wrote down in question 4. This is background information.

5. What piece of network equipment is commonly used to allow wireless devices to join a network?

6. Is it possible for a wireless network to join a cabled network? How?

7. State one advantage of connecting to a network wirelessly and one advantage of connecting to a network via cables:

8. The goal of devices on a network is to send and receive information with each other. In order to do this, they need to speak the same “language”. In short, they need to follow a set of established rules in order to communicate across a network. This set of established rules is known as a:

9. For your answer to Q8, give an example (or more) of it.

10. Your school has a network! It could be a Local Area Network (LAN) or a Wide Area Network (WAN). Which one do you think it is and why?

After watching the video, draw a network which connects a variety of devices via cable and allows wireless users to join the network. **Annotate your drawing!**