

**Section A: How Networks Work**

1. A local network is limited to a specific area, like a school; the internet is a vast global network connecting networks worldwide
2. Because a physical cable connection is generally more stable and less prone to interference than a wireless signal
3. A server stores data and responds to requests from other connected devices, providing them with information
4. Because the request has to travel to a server, be processed, and the response sent back, which all takes time even with a fast connection
5. Being connected means a device can send and receive data with other devices on that same network

Section B: Internet Safety & Security

1. Because it's harder for someone to guess or crack a strong, unique password than a simple, common one
2. Because public Wi-Fi is often unencrypted, meaning others nearby could potentially intercept your data
3. It shows the website uses an encrypted, more secure connection to protect data sent to and from it
4. Because if one account is compromised, all your other accounts using the same password become vulnerable too
5. Accept a reasonable example, e.g. parental control software, or router-level content filters