

Kit's Computer Network Map

Learning objective: To understand the basic components of a computer network, including servers, clients, and how they connect.

Kit the fox is helping set up a new computer lab! Use the drawing space below to illustrate how a network connects different devices. Follow the steps provided and use the word bank to label your diagram accurately.

Draw: Create a clean, technical-style diagram showing a star topology network. Use rectangular boxes for hardware and clear lines to represent cables. Add small icons (like a small antenna symbol for wireless) to make the drawing easy to read. Keep the layout neat so there is space for your labels.



Label words: Server · Client · Switch · Wired Connection · Wireless Signal · Router

Steps:

1. Step 1: Draw a large central box in the middle of your page and label it 'Server'.
2. Step 2: Draw three smaller boxes around the server to represent 'Clients' and connect them to a 'Switch'.
3. Step 3: Draw a dashed line between one client and a 'Router' to show a 'Wireless Signal'.
4. Explain why a 'switch' is important for a network to function correctly.
5. What is the main difference between a 'client' and a 'server' in a school network?