

Kit's Digital Network Challenge

Learning objective: To understand how computers communicate through networks and the purpose of the internet.

Help Kit the fox solve these computing puzzles! Read each question carefully and circle the best answer.

Answer Key: 1.C, 2.True, 3.B, 4.False, 5.Router, 6.A, 7.True, 8.Data, 9.B, 10.False.

Word bank: Network · Server · Internet · Router · Data · Wireless · Connection

1. 1. What is a network? A) A type of fishing net, B) A group of connected computers, C) A collection of books*, D) A computer program. (1 mark)

2. 2. True or False: The internet is the largest network in the world. (1 mark)

3. 3. Which device sends information between different networks? A) A monitor, B) A router*, C) A keyboard, D) A mouse. (1 mark)

4. 4. True or False: Computers must always be connected by physical wires to form a network. (1 mark)

5. 5. What do we call the hardware that allows devices to connect to a network without using cables? (One word answer) (1 mark)

6. 6. What is a 'server'? A) A powerful computer that stores files for others*, B) A computer that only plays games, C) A printer, D) A type of computer screen. (1 mark)

7. 7. True or False: Networks allow people to share information like photos and messages instantly. (1 mark)

8. 8. Information sent across a network is often called _____. (One word answer) (1 mark)

9. 9. Why is a network useful? A) It makes computers look pretty, B) It allows devices to communicate and share resources*, C) It stops computers from breaking, D) It makes the internet free. (1 mark)

10. 10. True or False: A single computer on its own is considered a network. (1 mark)

Draw: Draw a diagram showing three computers connected to a central router. Label the lines 'cables' or 'wireless signal'.



Extension challenge: Imagine you are Kit the fox. Write a short explanation to a friend about why schools use networks to help pupils learn.