

Kit's Coding Quick Quiz

Learning objective: To understand basic coding concepts like algorithms, loops, and debugging.

Hello! I am Kit the fox. I love solving puzzles. Read each question carefully. Use the word bank at the bottom if you get stuck. You can do it!

Answer Key: 1. A (Algorithm), 2. True, 3. Debug, 4. B (Loop), 5. Code, 6. False, 7. True, 8. A (Bug), 9. True, 10. Algorithm.

Word bank: Algorithm · Bug · Debug · Loop · Code

1. 1. What do we call a set of clear instructions to complete a task? A) Algorithm* B) Snack C) Map D) Story (1 mark)

2. 2. True or False: An algorithm must be in the correct order to work. (1 mark)

3. 3. If your program has a mistake, what do you need to do? (Hint: Starts with D) (1 mark)

4. 4. Which of these helps a character repeat an action over and over? A) Stop B) Loop* C) Wait D) Jump (1 mark)

5. 5. What is the name of the language we use to talk to computers? (1 mark)

6. 6. True or False: Computers are very clever and know what you want without any instructions. (1 mark)

7. 7. True or False: Coding is like writing a recipe for a computer to follow. (1 mark)

8. 8. What is another name for a mistake in your code? A) Bug* B) Beetle C) Ant D) Fly (1 mark)

9. 9. True or False: A loop saves time because you do not have to write the same instruction many times. (1 mark)

10. 10. If you want to make a cup of tea, the list of steps you follow is called an _____. (1 mark)

Draw: Draw a robot that Kit the fox built. Give the robot a funny name and a special job to do.



Extension challenge: Write down the steps (an algorithm) for how you brush your teeth. Can you spot any loops?