

Kit's Clever Computing: Understanding Algorithms

Learning objective: To understand that an algorithm is a clear set of step-by-step instructions to complete a task.

Kit the fox loves to solve puzzles. An algorithm is just a list of steps to finish a job. Read each question carefully. Use the word bank to help you complete the sentences.

Word bank: algorithm · steps · order · bug · sequence

1. Kit needs to make a sandwich. What do we call a set of instructions to complete a task? (2 marks)

2. If you follow instructions in the wrong _____, the task will go wrong. What word fills the gap? (2 marks)

3. Write two simple steps to tell someone how to put on their shoes. (2 marks)

4. If there is a mistake in your instructions, it is called a _____. What is the missing word? (2 marks)

Draw: Draw a 3-step algorithm for brushing your teeth in the correct order. Use arrows to show the direction of your steps.



Extension challenge: Think of a game you play. Can you write 3 steps to explain how to start that game?