

Kit's Coding Adventure

Learning objective: To understand that an algorithm is a set of instructions used to solve a problem.

Help Kit the fox plan his day. Read each step carefully. Use the words in the word bank to fill in the gaps. Remember, an algorithm is just a list of steps in the right order!

Word bank: algorithm · debug · instructions · code · sequence

1. Kit wants to make a sandwich. An _____ is a list of steps to help him do this. Write down the first step Kit should take. (2 marks)

2. If Kit forgets to put the bread out first, his sandwich won't work! What do we call it when we fix a mistake in our _____? (2 marks)

3. Number these steps in the correct order for Kit to draw a square:

1. Move forward

2. Turn right

3. Repeat four times (3 marks)

4. Why is it important for Kit to put his steps in the right _____? (2 marks)

Draw: Draw a simple path for Kit the fox to follow. Use arrows to show him how to get from his den to the big oak tree.



Extension challenge: Can you write 3 steps for how to brush your teeth? Make sure they are in the perfect order!