

Kit's Coding Commands

Learning objective: To understand how to sequence instructions (algorithms) to solve a simple problem.

Kit the fox wants to reach his den. Help him by putting the steps in the right order. Write the numbers 1, 2, 3, and 4 in the boxes to show the path Kit should take. Use the Word Bank to help you explain what you did.

Word bank: Algorithm · Sequence · Command · Bug · Debug

1. ☐ Walk forward two steps.
2. ☐ Turn right.
3. ☐ Walk forward three steps.
4. ☐ Dig for the den.

Explain why we need to put these instructions in the correct order: (2 marks)

- 2. If Kit walked into a tree by mistake, what do we call that mistake in coding? (1 mark)**

- 3. What do we call the list of steps we just wrote to help Kit? (1 mark)**

- 4. Sentence starter: A set of instructions in order is called a _____. (1 mark)**

Draw: Draw a map showing Kit the fox on a path with squares. Draw an arrow from Kit to his den showing the path he must take.



Extension challenge: Can you write one extra instruction to tell Kit to pick up an apple on his way to the den?