

Kit's Clever Coding Plan

Learning objective: To understand that an algorithm is a sequence of instructions used to complete a task.

Help Kit the Fox write a set of instructions, called an algorithm, to help a friend complete a simple task. An algorithm needs to be in the right order to work properly. Use the boxes below to write your steps.

Word bank: First · Then · Next · After that · Finally · Step · Order · Finish

1. What is the task you want to help your friend with? (e.g., making a sandwich, brushing teeth, or building a tower)

2. Step 1: What is the very first thing you need to do?

3. Step 2: What happens next?

4. Step 3: What is the next step to keep going?

5. Step 4: How do you finish the task?

Extension challenge: Try acting out your algorithm with a partner. If one step is in the wrong place, does the task still work? Talk about why the order is so important.