

Kit's Computer Coding Plan

Learning objective: To design a simple algorithm using a sequence of instructions.

Help Kit the fox plan a computer program. Think about a simple task, like making a cup of tea or brushing your teeth. Break the task into small steps. Write them in the correct order so the computer knows what to do.

Word bank: Algorithm · Sequence · Input · Output · Debug · Order · Step · Program

1. Task Name: What is the goal of your program? (1 mark)

2. Step 1: What is the very first thing that needs to happen? (2 marks)

3. Step 2: What happens next? (Remember to be very clear!) (2 marks)

4. Step 3: What is the final step to finish the task? (2 marks)

5. Check: If you missed a step, what would you do to fix your program? (3 marks)

Extension challenge: Try to add a 'Loop' to your plan. Can you think of one step in your task that needs to happen more than once?