

Kit's Clever Coding Guide: Making Algorithms

Learning objective: To understand and write a simple algorithm for a daily task.

Kit the fox needs your help! An algorithm is a set of instructions to finish a task. Read the passage below. Then, use the prompts to write your own set of steps for making a cup of tea or brushing your teeth.

Kit the fox knows that computers need clear, step-by-step instructions called algorithms to work properly.

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

1. What is the name of the task you have chosen to write an algorithm for? My chosen task is... (1 mark)

2. What is the very first step of your algorithm? Start with the word 'First'... (2 marks)

3. What are the middle steps of your algorithm? Remember to use 'Next' or 'Then'... (3 marks)

4. What is the final step to finish the task? Start with the word 'Finally'... (2 marks)

Extension challenge: Can you check your steps? If you missed a step, the algorithm might not work! Swap your work with a partner and see if they can follow your instructions exactly.