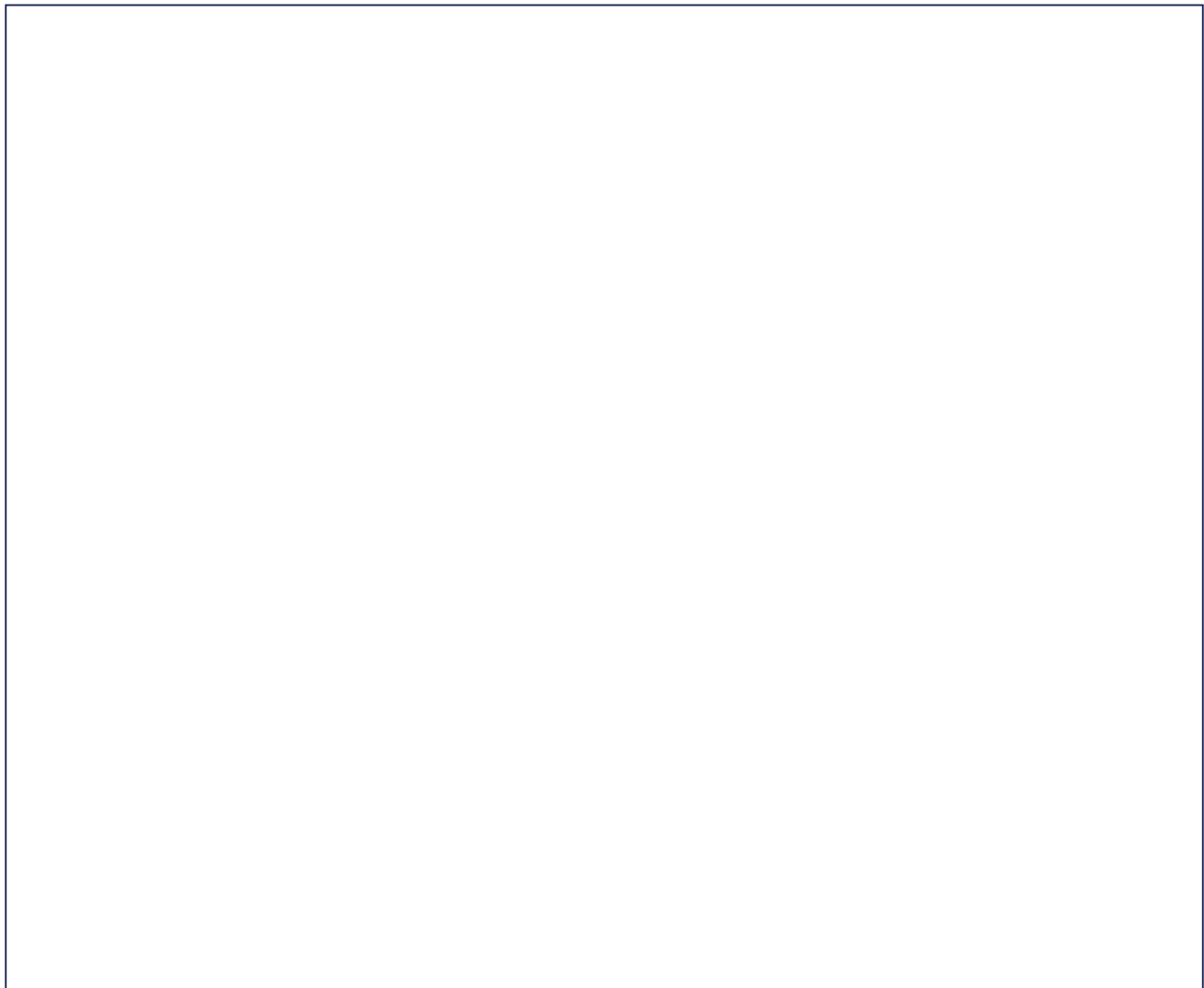


Kit's Robot Algorithm Adventure

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

Follow the steps below to help Kit the fox build a path for his helper robot. Draw your instructions clearly in the box provided.

Draw: Draw a large rectangle in the centre of your page. Inside, draw a path for a robot to follow from the bottom to the top. Use arrows to show the direction. Include a small 'Charging Station' at the end of the path. Keep your drawing clear so Kit can follow your instructions easily.



Label words: Algorithm · Instruction · Sequence · Robot · Start · End

Steps:

1. Step 1: Draw a simple square robot at the bottom of the box. Label it 'Robot'.
2. Step 2: Draw a path of 3 arrows leading from the robot to a 'Charging Station' at the top of the box.
3. Step 3: Write the first instruction for the robot in the box below (e.g., 'Move forward').
4. Step 4: Draw a small obstacle, like a rock, and draw a new arrow showing how the robot must turn to avoid it.