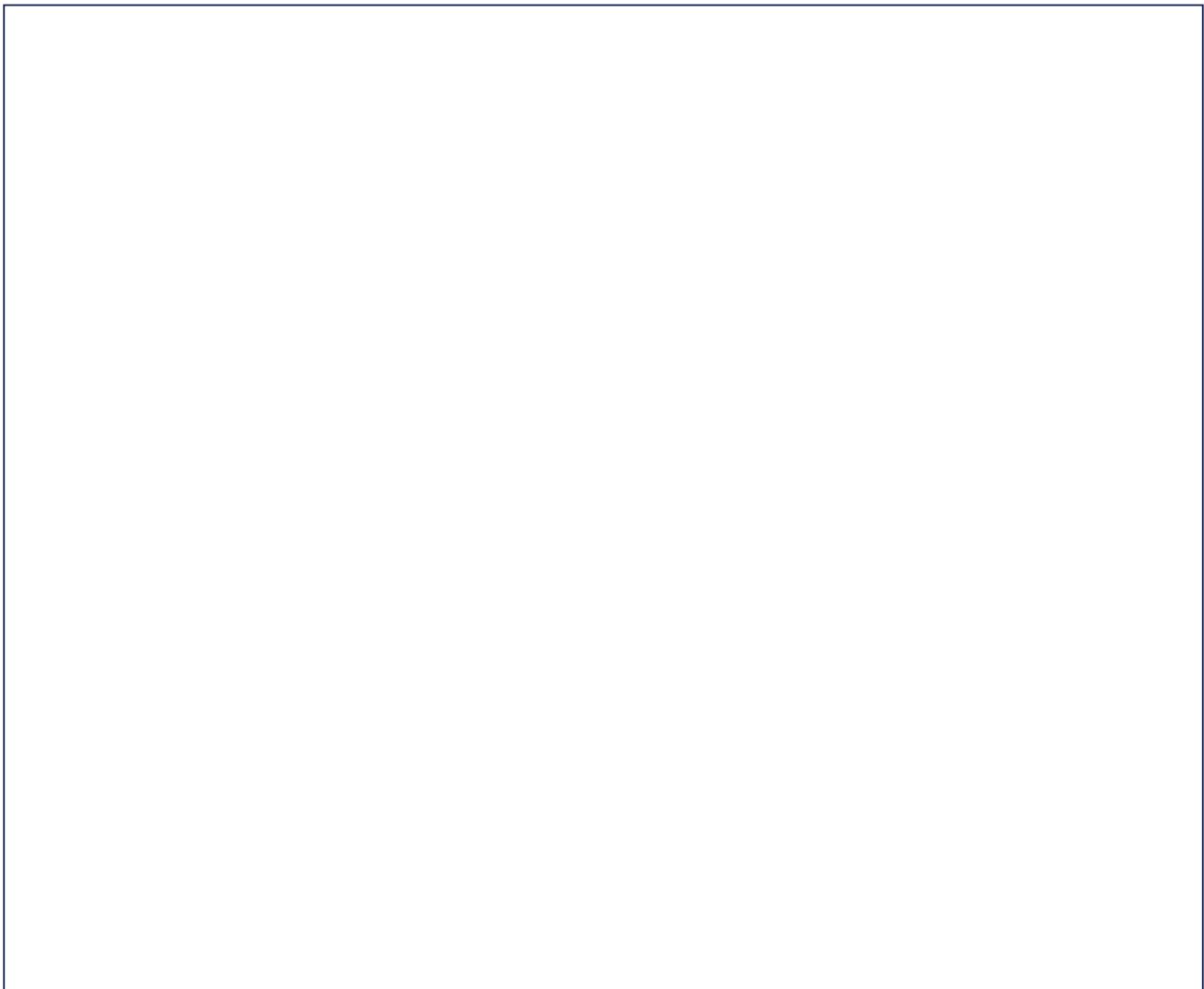


Kit's Robot Breakfast Algorithm

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

Kit the fox is programming a robot to make a bowl of cereal. An algorithm needs to be in the correct order to work. Follow the steps below to design your robot's breakfast routine in the drawing box.

Draw: In the box provided, draw a four-panel comic strip showing a robot following an algorithm to make a bowl of cereal. Use clean, bold lines and a bright, friendly style. Ensure each panel shows one clear step (e.g., getting the bowl, adding cereal, pouring milk, finished meal). Include speech bubbles for Kit the fox explaining the 'process' in each step.



Label words: Input · Sequence · Algorithm · Output · Process · Debug

Steps:

1. Why is it important for the steps in an algorithm to be in the correct sequence?
2. If the robot spills the milk, what do we call the process of fixing the error in our instructions?
3. Label your drawing to show which part is the 'Input' (the ingredients) and which is the 'Output' (the finished meal).
4. List two steps you included in your drawing that must happen before adding the milk.
5. If a robot was making a piece of toast, what would be the 'Input'?