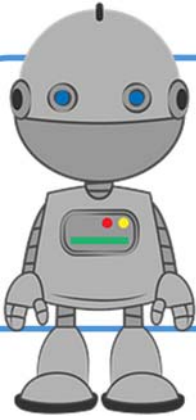


Name \_\_\_\_\_



## Tech Term Quest

**Directions:** Read the short passage below. Each bolded word is a *technical term*. Use context clues to match each term to its correct definition from the list that follows.

When Mia joined her school's robotics club, she quickly learned about **circuits**, **sensors**, and **algorithms**. Her team built a small robot that could follow a black line using light **sensors** that detect contrast. Inside the robot, tiny **circuits** carried electrical current to power the wheels and computer chip. The group wrote an **algorithm**, a step-by-step set of commands, to tell the robot when to turn left or right. After many tests, their creation rolled smoothly along the floor, responding perfectly to each change in light.

### Definitions:

- A. A path that allows electricity to flow.
- B. A detailed list of instructions a computer or robot follows to complete a task.
- C. A device that detects changes in the environment such as light, sound, or motion.

### Now Match Each Term:

1. **Circuit** → \_\_\_\_\_
2. **Sensor** → \_\_\_\_\_
3. **Algorithm** → \_\_\_\_\_