

Objective

By the end of this lesson, the student will be able to understand basic concepts of robots and their functions.

Materials and Prep

- Robot toys or pictures
- Paper and crayons
- Optional: Simple robot-themed books or videos

No prior knowledge or preparation is required.

Activities

- **Create a Robot Drawing:** Provide the student with paper and crayons. Encourage them to draw their own robot, using their imagination to decide how it looks and what it can do.
- **Identify Robot Parts:** Show the student pictures of different robots or use actual robot toys. Ask them to point out and name the different parts, such as the head, arms, legs, and wheels.
- **Robot Dance Party:** Play some upbeat music and encourage the student to move and dance like a robot. Discuss how robots can be programmed to perform specific actions.
- **Robot Role Play:** Pretend to be robots together. Take turns giving each other simple commands like "walk forward," "turn left," or "pick up an imaginary object."

Talking Points

- "Robots are machines that can do tasks or actions, like moving or picking up things."
- "Robots can have different parts, just like we have different body parts. They can have a head, arms, legs, and wheels to move."
- "Robots need instructions to know what to do. We can give them commands to make them move or perform actions."
- "Robots can be programmed to do specific tasks, like dancing or picking up objects. We can tell them what to do step by step."