

Objective

By the end of this lesson, the student will be able to identify different types of plants, understand basic plant care, and start their own mini garden.

Materials and Prep

- Potting soil
- Small pots or containers
- Seeds or small plants
- Watering can
- Gardening gloves
- Gardening tools (trowel, rake)
- Access to sunlight or grow lights
- Basic knowledge of plant anatomy

Activities

- **Plant Identification:** Take a walk outside and try to identify different plants. Use a plant identification app if needed.
- **Plant Care Basics:** Discuss the importance of sunlight, water, and nutrients for plants. Show how to properly water and care for plants.
- **Create a Mini Garden:** Help the student plant seeds or small plants in pots. Teach them how to transplant and care for their mini garden.

Talking Points

- *"Plants are essential for life on Earth. They provide oxygen, food, and habitat for many organisms."*
- *"Plants need sunlight for photosynthesis, a process where they make their own food. Water and nutrients from the soil are also crucial for their growth."*
- *"When planting seeds, make sure to follow the instructions on the seed packet regarding depth and spacing. Keep the soil moist but not waterlogged."*
- *"Transplanting seedlings can help them grow better by providing more space and nutrients. Be gentle with the roots when transplanting."*
- *"Observing your plants regularly can help you understand their needs. Look out for any signs of pests, diseases, or nutrient deficiencies."*