

## Objective

By the end of this lesson, Rihanna will be able to successfully grow plants from seeds and understand the basic concepts of plant growth.

## Materials and Prep

Materials needed:

- Seeds of your choice (e.g., sunflower, bean, tomato)
- Small pots or containers
- Soil
- Watering can or spray bottle
- Sunlight or grow light
- Journal or notebook

Before starting the lesson, make sure to have a clear workspace near a window or under a grow light where the plants can receive sunlight.

## Activities

- **Planting Seeds:** Help Rihanna plant seeds in pots filled with soil. Show her how to make a small hole in the soil, place the seed inside, cover it gently, and water it.
- **Observation Journal:** Encourage Rihanna to keep a journal to record daily observations of the plants. Have her note changes in growth, watering schedule, and any other observations.
- **Watering Routine:** Teach Rihanna the importance of maintaining a regular watering routine for the plants. Explain how overwatering and underwatering can affect plant growth.
- **Sunlight Experiment:** Conduct an experiment with Rihanna to observe how plants respond to different amounts of sunlight. Place some plants in direct sunlight and others in partial sunlight to see the difference.

## Talking Points

- **Plants need water to grow:** "Plants drink water through their roots, just like we drink water to stay healthy."
- **Plants need sunlight for energy:** "Sunlight helps plants make their own food through a process called photosynthesis. It's like plants having a yummy meal!"
- **Plants grow from seeds:** "Seeds are like tiny packages that contain everything a plant needs to start growing. It's like a magic trick waiting to happen!"
- **Observing plant growth:** "By keeping a journal and observing our plants every day, we can see how they change and grow. It's like watching a plant story unfold!"
- **Experimenting with sunlight:** "Plants react differently to sunlight. Some like to bask in the sun all day, while others prefer a bit of shade. Let's see what our plants prefer!"