

## How to Grow a Plant?

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**Techniques:** Using Realia, Reading, Recognizing words.

**Grade Level:** Beginners

**Time:** 2 Hours

**Aim:** The student will describe how plants grow and what they need to survive.

**Purpose:** This is a science activity focusing on plants and how they grow. The goal is for the students to learn how plants grow and what they need to survive. They will be able to do this through growing their own plants.

### **Materials Needed:**

- Seeds
- Soil
- Party Cups
- Scissors
- Tape
- Marker
- Trash Bag

### **Key Vocabulary:**

A) Grow: To slowly get bigger through natural processes (a plant grows bigger if it has water and sunlight)

B) Roots: Any underground part of a plant that takes water from the ground and carries it up to the rest of the plant.

### **Bibliography:**

What is a Plant? By Bobbie Kalman

**Procedure:** The children in my class have been studying penguins and we learned that plants cannot grow in Antarctica, so we decided to learn about how plants grow.

1. I am going to have my students predict what we are going to do. Then, I want them to predict how the plants will grow. For example, how big they will get and what color they will be.
2. The teacher will prepare all of the materials: Cut open a trash bag and lay it over the work area, cut open the bag of soil, lay out the seeds, and the party cups.
3. Call 3 children to the work area at a time.
4. Ask the students to predict what we are going to do by looking at the materials we will be using.
5. Talk about plants and what makes them grow. Have students act out a plant that is growing.
6. The students will write their names on the party cups with a marker.
7. The students will partially fill the party cups with soil and put in a few seeds. Then they will cover the seeds with about a half inch of soil.
8. Water the plants and put them in the sunlight. They will need to be watered approximately every 2 or 3 days.
9. Have students take home their plants. Tell them that they need to be planted outside, so that the flowers can bloom later in the summer.
10. The students will draw a picture of a plant growing. Include things that help the plant grow. For example, water and sun. It would be good if they could include the plant roots in their picture.

**Comments:** This activity can be adapted to other levels.

**Conclusion:** The students really enjoyed this activity, but they also learned while they were having fun. I think this activity gave the students an appreciation of nature and growing things. I was very happy with the activity.

Help students incorporate feedback and work on specific weaknesses.