

PLANTS

10.2.2018

Subject

Basic Science

Prepared By

[Instructor Name]

Grade Level

1

Overview

This lesson plan covers teaching content for;

1. Identification of common plants
2. Features of a plant
3. Different types of plants, Plant Leaves, Stem, Roots, Flowers and fruits
4. Common uses of plants

Teacher Guide

Day 1/Lesson 1- 20 Mins

1. Show them pictures of plants and what a plant needs to grow: sun, water, soil, air.
2. Tell them that today they are going to make their own classroom garden.
3. Invite each student over individually to plant their flower.
4. Provide the students with flower seeds and remind them about the four things plants need to survive (air, water, soil and sunlight).
5. Give each student flowers to plant in their plastic cups.
6. Ask them to add soil to cover the seeds and water to moisten the soil completely.
7. Instruct them to label their cups
8. Allow them observe for the next one to two weeks.

Guided Practice

Day 2/ Lesson 2- 25 mins

1. Lead a class discussion where students will use their background knowledge to make connections of flower parts and their functions.
2. Share a real flowering plant with students and have the students look closely at the parts of the plant as they discuss why each part is important.
3. If possible, students could look at plants in small groups and identify the parts.
4. Walk around the classroom and review what each group wrote on their plant part chart paper. (You should be checking for accuracy and ensuring the students are on the right track with their thinking).
5. If any group has listed information that is not correct, use this time to correct misconceptions before moving on with the lesson.

Materials Required

- Board markers
- Pencils
- Crayons
- Erasers
- Chart paper
- Paper flowers
- Plant pictures
- Paper for brainstorming activity
- live flowering plants
- flowers
- Plastic cups
- Soil

Additional Resources

- <http://www.discoveryeducation.com/te/lesson-plans/all-about-plants.cfm>
- <https://www.weareteachers.com/plant-activities/>
- <https://www.pinterest.com/pin/105834>
- <https://www.scholastic.com/teachers/teacher-carter/17-18/teach-what-grows-from-seed-a-magazine--crafts-and-/>
- <https://www.eslkidstuff.com/esl-kids-games.htm>

Information/Instruction

1. Display a labeled picture of a plant.
 2. In one hand, show students a live plant, and in the other hand, show students a few seeds.
 3. Tell the students that plants need air, water, soil and sunlight to survive.
 4. Discuss the parts of plants with the students and explain their functions. Tell the students that:
 - **Roots** hold the plant into the soil. They take in water and minerals to help the plant stay alive.
 - **Stem** carries water from the roots to the other parts of the plant.
 - **Flower** helps the plant reproduce, making seeds that will grow into new plants.
 - Leaves take in the air and light that a plant needs to live.
-

Day 3/ Lesson 3- 15 mins

1. Group the students into the following groups: **flower, seed, leaf, stem, and root.**
 2. Write each group name on a cardboard
 3. Paste each group name on a card board (Flower, seed etc.), on the walls of the classroom.
 4. Ask each student to stand at their assigned group point, close to their cardboard.
 5. Provide markers to each group for recording on their cardboard.
 6. Tell students to record everything they know about their part (group name) of plant on the cardboard
 7. Remind students to work cooperatively.
 8. Each person should get a chance to record something on the group cardboard.
 9. Keep the cardboard posted in the classroom to refer to it throughout the lesson.
-

Day 4/ Lesson 4- 15 mins

1. Bring the students back to a whole group to discuss what they've learned about plant parts and their functions.
 2. Review the parts of a plant with students who are struggling to understand.
 3. Discuss the roles of each part of a plant, and challenge your students to draw and label a plant.
-

Assessment Activity

1. Have the students play a “Guess Who” activity where a student describes a part of the plant and their partner needs to identify which part is being described.

Summary

Assessment Activity

1. Ask the students if all plants are alike.
2. Have the students draw and label a flowering plant on a blank paper.
3. They may use crayons, markers or other materials to illustrate their plant.
4. Display a live flowering plant to guide their drawing