

**Project FOCUS
Best Lessons
FIRST GRADE**

Title of Lesson: Plant Parts

Theme: Life Science

Unit Number: 7 **Unit Title:** All About Plants

Performance Standard(s) Covered (enter code):

S1L1

Enduring Standards (objectives of activity):

Habits of Mind

- Asks questions
- Uses numbers to quantify
- Works in a group
- Uses tools to measure and view
- Looks at how parts of things are needed
- Describes and compares using physical attributes
- Observes using senses
- Draws and describes observations

Content (key terms and topics covered):

Plant parts, plant needs, plant growth

Learning Activity (Description in Steps)

Abstract(limit 100 characters): This lesson introduces the important parts of the plant.

Details: Make sure to have enough Ziploc bags and beans for each kid to have one, come prepared with these materials. You may want to buy paper towels or if you know the school has some you can use those. If your school has a library go to the library and find a Jack and the Bean Stalk picture book or one that would be appropriate for first graders. I found a power point presentation online to show the students and act as a visual aid for the parts of plants; it can be found by simply searching on the internet and use one that is appropriate for the level of the students. First show the students the power point presentation on plants and go over the parts of the plants (roots, stem, leaves, stalk, and flower). For example I told them the stalk was to help hold the leaves up as well as act like a straw to suck up water and nutrients. Try to use examples like this that give the students something to relate the information to because it helps the students to remember the information if they can make connections to something they already understand, every time I ask about the stalk the first thing they say is it acts like a straw. Once you have gone over the parts and their function you can move to the activity of each planting a seed. Give each student a Ziploc bag with paper towels and a bean seed. Wet the paper towels before handing them to the students. Talk to them and ask them what the plant requires to grow and make sure they understand this. Then put the seeds on the paper towel in the bag and make sure the towel is completely moist. Make sure you number and write their name on each bag, then take them and tape them to a window that gets sunlight. Wait 4-7 days for the beans to start sprouting. If the seed starts to sprout you can plant it

in soil and let the class watch it grow (I did this and the plant is now 3 feet tall and the kids love it). The next day of class begin by handing out a plant parts worksheet to make sure they remember what you taught in the previous lesson. If the students seem to have forgotten or do not understand a part of the plant, review it and then review the requirement for a plant to grow. First go through with them and get them to label each part. Then give the students crayons and ask them to only color a part of the plant when you say to color that specific part. First ask them what color they think the roots are. Get them to color the roots brown and when they are finished to put their crayon back in the bin. Next ask them what color the stem and leaves are. Get them to color the stems and leaves green. Then ask them what color the flower is. You will get many different answers, and let them color the flower whatever color they wish. Then get them to all sit at the front of the classroom and read Jack and the Bean Stalk to them. Make sure they understand they need to pay attention because they will need to write a story and draw a picture. Once you have read the story get them to go back to their seats and write their own version of the story. Then have the students draw a picture to go with it and make sure they draw all the proper parts of a plant and label them on the picture.

Materials Needed (Type and Quantity):

Parts of Plant worksheet

Ziploc bags (1 per student)

Bag of beans from store

Jack and the Bean Stalk from any library

Power Point presentation of parts of plants (Google)

Crayons

Notes and Tips (suggested changes, alternative methods, cautions):

Sources/References:

- 1)
- 2)
- 3)