

Project FOCUS
Best Lessons
FIRST GRADE

Title of Lesson: Plant Parts and needs

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, how a plant grows

Learning Activity (description in steps)

Abstract (limit 100 characters): Parts of a plant and plant needs. Uses the smart board for an interactive game and a flip book (links to both are in the sources).

Details: This experiment allowed the class to discover the parts of a plant (via a flip book which they colored) and what a plant needs. The experiment was broken down into two classes but they built upon each other. Day one introduces the flip book; discuss the parts of a plant and what each part is used for. Allow the kids to explain to each other first then have a class discussion. Day two focused on the needs of a plant. Break the class into teams of two and allow them to discuss the needs of a plant. Come back together as a class and compare to animal needs (if already discussed in class). What are the similarities and differences? Once finished have the class take the quiz online, I had them discuss the answers with their partner before picking a team to answer the questions. If everyone does well on the quiz allow them to compete at letting the plants grow. I had the teams go to the smart board together and one pulled the water lever while the other took care of the light. If your class isn't up to working together there is an option with only light.

Materials Needed (type and quantity): Smart board, coloring sheets (enough for the class plus 2 extra)

Notes and Tips (general changes, alternative methods, cautions): If I were to do this experiment again I would team the class up at the very beginning so they were used to working with their partner before the end game. CAUTION: the class will have to work with scissors to cut out the flip book. You could do this beforehand.

Sources/References:

- 1) <http://worksheetplace.com/mf/Parts-of-a-Plant.pdf>
- 2) http://www.bbc.co.uk/schools/scienceclips/ages/7_8/plants_grow.shtml
- 3) Click here to enter text.