

**Best Lesson**

**Grade Level:** 2nd

**Title of Lesson:** Bean Plant Life Cycle

**Unit Title:** Life Cycles

**Performance Standard(s) Covered:** What standards are you covering in your lesson? Include the standard title and text

S2L1. Students will investigate the life cycles of different living organisms.

c. Investigate the life cycle of a plant by growing a plant from a seed and by recording changes over a period of time.

**Essential Question:** What question are you answering with your lesson?

What is the life cycle of a plant?

**Objective:** What is the goal of your lesson? What will your students accomplish during the lesson?

The students will learn the order of a plant's life cycle from seed to fully grown plant. They will learn how to plant bean seeds, how to water them, and how to write observations in their science journals.

**Key Words and Terms:**

Seeds

Fertilizer

Life cycle

**Learning Activity**

**Abstract (limit 100 characters):** Brief overview of what the lesson is

Students will watch a video on life cycles

([http://www.sheppardsoftware.com/scienceforkids/life\\_cycle/movie.htm](http://www.sheppardsoftware.com/scienceforkids/life_cycle/movie.htm)) to understand the basics of life cycles for various animals and plants. Then they will read the pages in their text book that correspond to plants (pgs 346-347). Then we will plant bean seeds and observe them over the next few weeks to see how the plants grow.

**Materials Needed:** List all materials needed and number (one per student, one for class, etc.)

1 cup of potting soil per student

4 bean seeds per student

Water

**Safety Concerns:** Are you using anything sharp? Hot? Eating anything?

Bean seeds are small; make sure students don't put them in their mouths to avoid choking. Also make sure students don't put the potting soil in their mouths.

**Procedure:** List step by step what you are doing in the activity. What did you need to do to prepare? What are the students doing during the activity?

1. While students watch the movie and then read the textbook aloud, start filling up the cups with soil.
2. Pass out the cups, one to each student.
3. Give each student 4 bean seeds and allow them to put them in the soil wherever they want.
4. Fill a cup with water then go around and have students tell you how much water they want.
5. Place plants in a sunny window.
6. Have students write in their science journals about what they learned, observed, and did today.

**Notes and Tips:** How would you do this differently? What worked really well?

I explained to the students that too much water will drown the seeds and too little won't allow them to grow, and then I let the students tell me how much water they want in their plant, this will give them a sense of accomplishment and also they will see that the right amount of water is important for the plant to grow. If I were to do this again, I would have the cups of soil prepared once I got to the class. There was a bit of down time while I was trying to fill up all of the cups.

**References:** If you got this lesson from another lesson online (which is ok!!) please link it here

<http://www.focus.uga.edu/secondgrade/documents/2-LSTheLifecycleofaBeanPlant.pdf>