

**Your Name:** Annie Dean

**Class Level:** EDCU 240

**Title of Lesson:** Life Cycle

**Date:** January 15, 2019

**Grade Level/Subject:** 3rd Grade, Science

**List of Materials/ Resources:** Introduction video, Cup of dirt, Seeds, Graphic organizers.

**Central Focus:**

This purpose of this lesson is to cover what a life cycle is. The students will learn the 6 steps of the life cycle of a flower. This lesson will also serve as a demonstration on how to follow directions.

**Measurable Learning Objectives/Goals:**

Students will be able to identify the process of the life cycle with 90% accuracy. By the end of this lesson, students will be able to create their own life cycle.

**Ohio Learning Standards:**

3.LS.3: Plants and animals have life cycles that are part of their adaptations for survival in their natural environments.

**Instructional Activities/Methods:**

The students will watch life cycle introduction video. After the video the teacher will ask, "Has anyone heard of a life cycle before watching that video?" then ask, "Can anyone give me examples of things that have a life cycle?" Correct their responses as needed. Then explain that this lesson you will be focusing on the life cycle of a flower. Then, pass out graphic organizers to the students and make sure the students get the graphic organizer with their name on it. Explain there are 6 parts to the life cycle of a flower. Start with 1.) the plant first starts out as a seed (draw example seed on board).

Then once you plant the seed in the ground and cover it with dirt it begins to 2.) have roots (draw example seed with roots on board). Once the seed is nourished with water it begins to 3.) sprout. Does anyone know what the word sprout means? It just means that it is coming of the ground(draw example on board). One it begins to come out of the ground 4.) it looks like a little tiny baby plant (draw small flower). As the flower get sunlight and water it becomes 5.) an adolescent plant. Does anyone know what the word adolescent means? It means it is almost fully grown. So it is kind of like a teenager. Do any of you know a teenager? It just needs a little more water and sunlight, then it will become 6.) a fully grown adult plant! Isn't that so cool? Does anyone have any questions or need me to explain anything again? Are you guys ready to create your own flower life cycle? We are going to each plant our own seed and watch it grow over the next few weeks! It is going to be super awesome. Have the students clear desks. Once they are ready give each student their own seed planting "kit". Once you are finished passing their "kits" out, go in front of the class and demonstrate to the students what they will be doing so they can follow your step by step instructions. Have students pull out their pre-made cup of dirt. Have them poke a little hole with their finger in the dirt. Then have them place their seed into the dirt

hole. At this point walk around the room to make sure all the students have done this correctly. Once you check, go back up to the front and show them how to cover the hole with the extra dirt they have. Then have them move their plant to the windowsill and return to their seats. Once they sit back down, explain that you are going to water each of their plants. Then go through and water each plant. After you finish watering their plants begin to explain how they will grow over the next few weeks. Review the life cycle and how it will affect their plants. Ask if anyone has any final questions before moving on.

**Connection to Prior Knowledge:**

3.LS.2: Individuals of the same kind of organism differ in their inherited traits. These differences give some individuals an advantage in surviving and/or reproducing.

In the last lesson students learned about behavior, growth, and change. Building off of that this lesson focuses on the 6 steps to the life cycle.

**Vocabulary/Academic Language:**

Identify- recognize or distinguish

Adolescent- In the process of developing from a child to an adult.

Teenager- A person who is no longer a child or an adult.

Sprout- Start to grow; spring up.

**Assessment: Formative and Summative:**

**Before:** Oral Questions

**During:** Following directions

**After:** Plants and graphic organizers

**Special Needs of Students: Differentiation**

**Enrichment:** Blank graphic organizer and more independency during the activity

**Intervention:** Graphic organizer with a few things filled out and more help during the activity.