



**SUSTAINABLE TEACHING CURRICULUM
LESSON PLAN**

Bean Sprouts

Primary Subject- Science

Objectives:

- Students will learn how to cultivate plants.
- Students will learn what steps are involved in food production.

Materials:

- Bag of soil
- Small plastic cups
- Bean seeds
- Sharpie/ permanent markers

Introduction:

1. Anticipatory Set

- “Do you guys remember what we learned about last week?”
 - food production
- “Today we are going to make our own food.”
 - Bean sprouts

Major Instructional Sequence:

- Give each student a plastic cup and each have each student write his or her name on his or her cup
- Fill each cup with soil
- Plant the seeds

Concluding Sequence:

- Ask students what plants need to grow
 - (Remind them of photosynthesis)
 - Water and Sunlight
 - “So what do we need to make sure they grow?”
 - Put them in the sun and water them everyday

Background:

Important to the study of sustainable practices is understanding where food comes from (which we have covered in other lesson plans) and the *Bean Sprout Lesson Plan* allows students to expound upon this knowledge by seeing first hand what it means to grow their own food. Additionally, by

nurturing and caring for a plant students are beginning to build a bond with nature.

Vocabulary:

Soil- “dirt” that has nutrients that help a plant grow

Photosynthesis- the process by which plants make light and carbon dioxide into energy releasing oxygen back into the air

* in even more simple terms: photosynthesis is the way plant get food