

# Activity – Seed House

**Standard IV**

Students will gain an understanding of Life Science through the study of changes in organisms over time and the nature of living things.

**Objective 2**

Living things change and depend upon their environment to satisfy their basic needs.

**Intended Learning Outcomes**

**Generating Evidence:** Using the processes of scientific investigation (i.e. framing questions, designing investigations, conducting investigations, collecting data, drawing conclusions)

**Communicating Science:** Communicating effectively using science language and reasoning.

**Content Connections:** Language Arts, Visual art, Personal writing

## Background Information

A seed is the start of a new plant. It is covered in a seed coat that keeps the tiny leaves and roots inside safe from harm. A seed contains food for the new plant to use until it grows big enough to reach sunlight and the plant to use until it grows big enough to reach sunlight and the plant can make its own food. A plant's growth is dependant upon soil, temperature, and light condition.

## Invitation to Learn

Sing "growing Plants"

## Instructional Procedures

1. Read *The Tiny Seed* and refer teachers to wroksheet in the Academy Handbook.
2. Show a seed hours as a model.
3. Make the seed house as a model.
4. Write observations in discovery journal.

## Possible Extensions/Adaptations

Complete *The Tiny Seed* worksheet in the Academy Handbook.  
 Creat a class circle story about the life of a seed.

## Assessment Suggestions

Studentsdisplay their seed houses in the classroom. Check the students' journals for accuracy of their seed house descriptions. Ask comprehension questions from *The Tiny Seed*.

## Materials

- seedhouse blackline
- various seeds
- ziploc bags
- paper towels
- spray bottle with water
- scissors
- stapler
- discovery journal
- The Tiny Seed* book
- "Growing ploants" song overhead

### **Additional Resources**

*Look at this Tree* by Susan Canizares

*All Kinds of Plants* by Sandar Iversen

*From Flowers to Fruit* by Fred and Jeanne Biddulph

*Plant Parts* by Amy Jo

*Plants and Seeds* by Colin Walker

*Where are the Seeds?* by Pauline Cartwright.

### **Family Connections**

Have students take their seed houses home and share them with their families.

*The Seed House*

# My Little Seed House

Name \_\_\_\_\_ Date Planted \_\_\_\_\_

Cut along the dotted line.

Name \_\_\_\_\_

1st 4-2 7.4

13-6

# The Tiny Seed

These things helped the tiny seed.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

These things hurt the tiny seed.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

bird sun mouse soil

wind weed

foot rain

soil

foot rain

# **"Growing Plants" Songs**

## **Growing Plants**

(sung to "twinkle, Twinkle Little Star")

Growing, growing little plants,  
Growing plants need lots of air.  
If by chance you see a weed,  
Pull it; take care of your seed.  
Growing, growing little plants,  
Growing plants need lots of care.

Growing, growing little plants,  
Growing plants need lots of sun.  
If by chance you see a weed,  
Pull it; take care of your seed.  
Growing, growing little plants,  
Growing plants is lots of fun.

Growing, growing little plants,  
Growing plants in healthy soil.  
If by chance you see a weed,  
Pull it; take care of your seed.  
Growing, growing little plants,  
In healthy soil they will not spoil.

Growing, growing little plants,  
Growing plants need water too.  
If by chance you see a weed,  
Pull it; take care of your seed.  
Growing, growing little plants,  
Growing plants is fun to do.

## **Maytime Magic**

A little seed  
For me to sow...

A little soil  
To make it grow...  
A little hole,  
A little tap...  
A little love,  
And that is that.

A little sun,  
A little shower...  
A little while,  
And then...a flower!

