

GERMINATING SOCKS

PURPOSE: Children will collect seeds to observe how seeds germinate.

MATERIALS:

Book Topics: seeds, germinate plants

1 old adult size sock

1 shoe box lid or Styrofoam meat tray

1 water spray bottle



PROCEDURE

1. Put the sock on over shoe of one foot.
2. Find an area where there is grass, weeds, or other vegetation. (If you do not have a grassy area nearby, sprinkle bird seed and have children walk in it to collect some seeds on their socks.)
3. Walk around this area dragging the sock-covered foot.
4. Carefully remove the sock, keeping it right-side out.
5. Place the sock on the shoe box lid or tray. Spray the sock lightly with water.
6. Place the container with the sock in a safe and dark place.
7. Spray lightly with the water sprayer every day or two.
8. Observe the sock for signs of germination of the seeds picked up during the walk.

HOW IT WORKS: Seeds are deposited by exploding pods, traveling animals, wind, and bird dropping. You can collect some of these seeds on a sock by walking through a field or grassy area. The seeds will germinate when they are watered.



WRITING PROMPT

You just saw your sock sprout seeds.

Think about what you did to make the seeds sprout.

If those seeds could talk, what would they say?

Parent Signature: _____

**FAMILY SCIENCE PROJECT**

Date: _____

Name: _____

Teacher: _____

Hypothesis (What do you think will happen?)

Date/Observation:

Conclusion: (What you learned or discovered):

*(*You may continue your observation on another sheet. You may want to create a graph to record your data.)*

For the reading portion of Family Science, you may choose to read a book or an article, OR you may use the Internet in order to find some background information concerning this Family Science Project. If you read a book or an article, please include the complete title and author. If instead you looked up the information on the Internet, please include the complete website.

We read the following book, **OR** researched the information on the Internet:

Book Title: _____ Author: _____

Complete Website: _____

Writing Prompt (minimum 3 sentences)
