

Laboratory Investigation 12A

Chapter 12: Plants

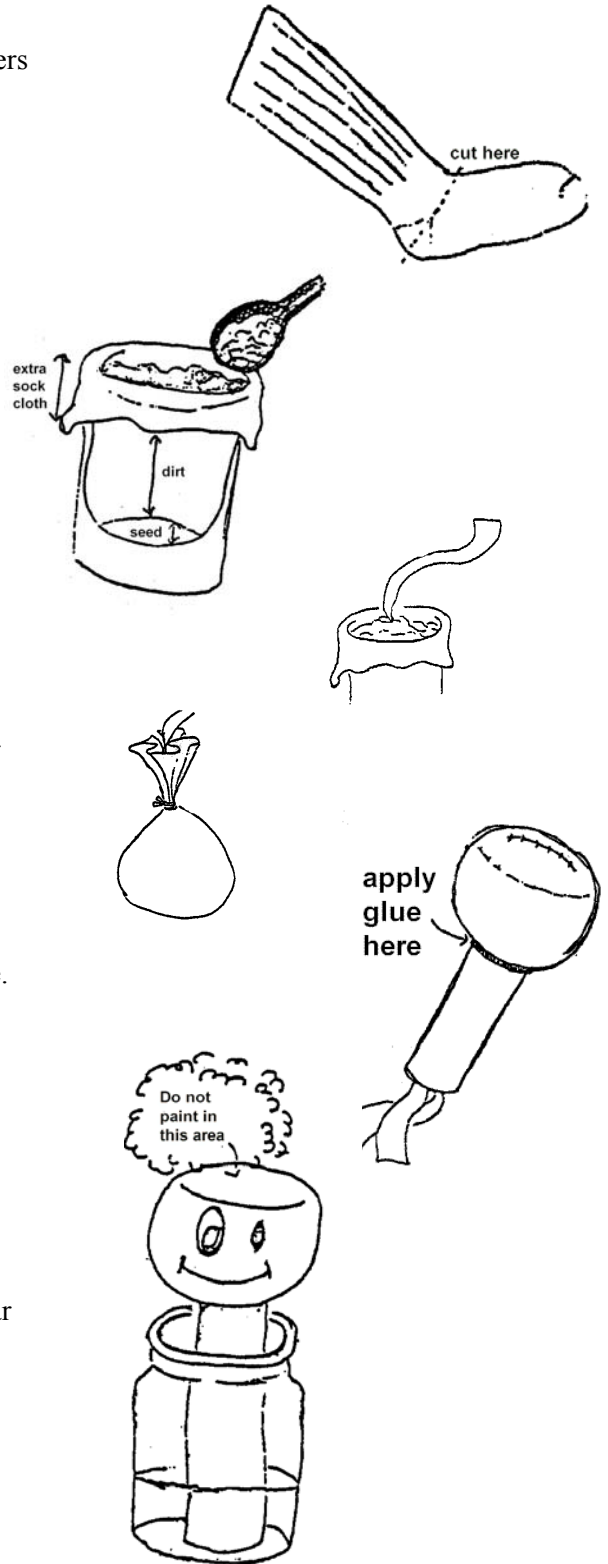
"Grass Sock Head"

Materials

sock, soil, grass, jar, twist tie, PVC pipe, felt, glue gun, paint/markers

Procedure

1. Take one sock and cut along the heel all the way across.
2. Place the bottom half of the sock into a jar and fold the opening of the sock around the top of the jar.
3. Place 1-3 teaspoons of grass seeds into the sock.
4. Fill the rest of the sock with potting soil. Leave at least 2 inches of sock unfilled so that it can be tied off.
5. Place a strip of felt into the head of the sock. Push it in the soil until the felt reaches the seed at the top of the sock.
6. Tie the loose material of the sock tightly with a twist tie so that the soil inside cannot spill out.
7. Pull the loose material and felt piece through the PVC pipe.
8. Apply glue under the head of the sock so that it will stick to the top of the PVC pipe without moving.
9. You may now apply a face to the sock and dress up the jar.
10. Once the paint/marker dries, put the whole thing into the jar with about 2-3 inches of water in the bottom. Apply some water on the top of the sock head with a pipette or spray bottle to help it get started growing.



Log

Date of first sprout: _____

Date	Length of grass (hair) in mm

Research

1. What is germination?

2. What conditions are necessary for germination to occur?

3. Is light necessary in order for seeds to germinate? _____

Picture

Tape or paste a picture of your completed grass sock head.