Garden in a Glove

Objective:

Teach students about seed germination using gloves and cotton balls.

Illinois Learning Standards: 1B.2a, 1B.2b, 2B.2a, 3.A.2, 11.A.2d, 11.A.2e, 11.B.2c, 11.B.2d, 13.A.2c, 13.B.2a

Assessment Framework: 1.3.12, 1.3.14, 12.4.03

Suggested Reading Material: Growing Things (Usborne) by: Angela Wilkes ISBN 978-0860208570

Materials Needed:

Clear plastic glove

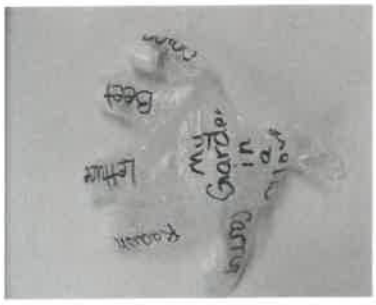
5 cotton balls

5 types of seeds, 3-4 seeds of each (examples: lettuce, carrot, cucumber, tomato, broccoli)

Pencil

Water

Marker

Directions:

1. Write your name on a clear plastic glove.
2. Wet five cotton balls and wring them out.
3. Place 3-4 seeds of the same type on each cotton ball (or dip the cotton balls in the seeds to pick Them up). You may want to keep track of which seed is in which finger.
4. Put a cotton ball with the seeds attached into each finger of the glove. Hint: You may have to use a pencil to get the cotton ball all the way to the tips of the glove fingers.
5. Blow up the plastic glove and close it with a twist tie.
6. Tape the glove to a window, chalkboard, or wall. You may want to hang a clothes line under a chalk tray and use clothes pins to hold the gloves on.
7. The seeds will germinate in 3 to 5 days. Keep a plant diary and look at the seeds under a microscope.
8. Transplant the seeds about 1 1/2 to 2 weeks by cutting the tips of the fingers off the glove. Transplant the cotton ball and small plants into soil or sphagnum moss.
9. After growing to full size, plants can be made into a salad.