

Gardening In A Glove

Grade Level: Any
Subject Area: Science

*Materials:

Clear plastic glove

5 cotton balls

5 types of seeds (3-4 of each type - Option A: Seeds enclosed - Pot Marigold, California Poppy, Dwarf Morning Glory Dragon Flower, Annual Baby's Breath & more... Option B: lettuce, carrot, cucumber, tomato, broccoli...)

Pencil

Water

Marker

Twist tie

*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 cotton balls in the seeds to pick them up)
4. Put a cotton ball with the seeds attached into each finger of the glove. **Hint:** You may need to use a pencil to get the cotton ball all the way to the tip of the glove finger.
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 3-5 days. Keep a plant diary and look at the seeds under a microscope.
8. Transplant the seeds about 1 ½ 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. *Transplant into a pretty paper cup for a "Mother's Day" gift!
10. After growing to full size, plants can be made into a salad if Option B was used.

Talking Points

Activity Extentions:

- Instead of individual plants, your class can plant a "garden" in a large, plastic dishpan or small swimming pool. (Note: Before filling the pan with soil, spread small rocks or charcoal in the bottom for drainage.)
- Field trip to a nursery
- Bring in fresh vegetables from a garden, like corn. Have students help prepare the vegetables for a meal.

Health & Nutrition:

- Discuss the many parts of a plant that we eat, such as the root (potato), flower (cauliflower), seed (corn), fruit (tomato), stem, (asparagus), and leaves (spinach).

Agriculture Connections:

- Plants are agriculture products.
- Purposes for plants - Clean air, provide food, produce oxygen, & beautification.
- List types of plants that grow in North Dakota.
- What do plants need in order to live?
- What things do we need in order to live?

Recipes

Sunflower Seed Candy

Ingredients: 1 Cup of each of the following: Nonfat dry milk, honey, peanut butter, sunflower seeds, & sesame seeds

Directions: Mix ingredients thoroughly. Shape into one-inch balls. Roll in sesame seeds to coat.

Garden in a Glove

Name: _____

VOCABULARY

Annual – life cycle of one year

Perennial – life cycle of more than two years

Germination – to begin to grow (sprout)

Transplant – to remove and plant in another place

What seeds did you plant in each finger?

Write them on the correct line.

Write the date when you see the first sprout.

Number each finger in the order they germinate.

