

Build a Plant Game

Objective:

Students will play a game to familiarize themselves with the parts of a plant and the materials that most plants depend on to survive.

Background Information:

This activity is similar to the “PLANT Bingo” game and works well with Kindergarten and first grade students.

Students will learn about the basic parts of a plant, such as the stem, roots, leaves, flowers, etc. They will also learn that most plants need air, water, soil, and light to survive. This lesson plan was adapted from an activity found in “Earth Child 2000”.

Materials:

For each player:

- 1 light blue piece of construction paper
- 1 tiny seed cut from scratch paper
- 1 brown crayon
- 1 root (cut from scratch paper)
- 1 4-inch stem (cut from green construction paper)
- 2 leaves (cut from paper)
- 1 flower head (cut from scratch paper).

For each group of four:

- 1 die
- Glue

Preparation:

1. Cut the above materials out of scratch paper.
2. Make a chart that says the following for each group of four:
 - 1=sun
 - 2=rain cloud
 - 3=roots
 - 4=stem
 - 5=leaf
 - 6=flower
3. If child can not read, draw pictures to depict playing pieces.

Procedure:

1. Take the blue construction paper and have kids color the bottom half brown (blue for sky, brown for earth). Glue the seed in the brown earth. This is the playing board.
2. Lay the construction paper pieces and the number chart in the center of the play area.
3. Roll a dice to see who will go first.

4. The first player rolls the dice and looks at the chart. If, for example, the player rolls a 2, he chooses a rain cloud from the playing pieces and places it in the sky of his playing board.
5. Continue around the circle, each player receiving one roll per turn. If a child rolls a number that corresponds to a playing piece he already has, his turn is forfeited and play continues with the next child.
6. The game continues until all the players have built a plant with a root, stem, two leaves, and flower with the sun and rain cloud in the sky.

Source:

Sheehan, Kathryn and Mary Waidner. Earth Child 2000. Tulsa: Council Oak Books. 1998.