



Broward County Public Schools Videoconference

Reading Rascals

Lesson: Plants Are Alive
Instructor: Dr. Evelyn Nelson-Weaver
BECON Distance Learning Teacher

Grade Level: First Grade

Sunshine State Standard: SC.F.1.1

Benchmarks: SC.F.1.1.3, SC.F.1.1.4, and SC.F.1.1.5

Objectives:

1. Students will describe how plants change as they grow.
2. Students will identify how plants are adapted to specific environments.
3. Students will compare the structure characteristics of plants.

SCIENCE SKILL EMPHASIS: Observe.

LITERATURE CONNECTION:

Book Title: From Seed to Plant

Author: Gail Gibbons

Publisher: Holiday House, New York, NY (1991)

Summary: A picture book that explores the intricate relationship between seeds and the plants they produce.

Book Title: How a Seed Grows

Author: Helene Jordan

Illustrator: Loretta Krupinski

Publisher: Harper Collins Publishers, New York NY (1992)

Summary: Colorful illustrations depict observations of bean seeds planted in eggshells to demonstrate the growth of seeds to plants.

GROUP ACTIVITY:

- Videoconference Instructor will read From Seed to Plant to give information about plants and how they grow.
 1. Pollination is necessary for a seed to begin to grow. How can pollen move from plant to plant? *Wind, bees, hummingbirds*
 2. How are seeds moved around? *Wind, water, birds, animals, people*
 3. What does a seed need to grow? *Water and sun plus soil for food*
 4. What part of the plant grows down into the soil? *Root YES- the root takes in minerals and water from the soil.*
 5. What grows up from the plant shoot toward the sun? *Leaves*

MUSIC CORRELATION: “Growing” from *Learning Basic Skills Through Music* by Hap Palmer. Educational Activities, Inc., Freeport, NY. (1994)

- Videoconference Instructor will read How a Seed Grows to give information about plants and how they grow.
 1. Name some trees and plants that grow from seeds. *Apple trees, daisies, carrots, corn, clover, and wheat.*
 2. Do oak trees grow slowly or quickly? *Slowly*
 3. Do beans grow slowly or quickly? *Quickly*
 4. Why do you think there needs to be a hole in the bottom of the seed container? *So the water can drain out and the seed doesn't drown.*
 5. Name the three things plants need to grow. *Water, sun and soil*

MATERIALS NEEDED: Seeds and Containers (paper cups, glass jars, egg cartons, egg shells, or flower pots, etc.) for growing seeds.

EXTENSION:

Related Video Segment:

A Closer Look at Seeds (2.49 min.) from Stage One Science: Growing. United Learning (1994). Retrieved November 5, 2007, from unitedstreaming:

<http://streaming.discoveryeducation.com/>

Related Website:

Gardening with Children

http://www.bbc.co.uk/gardening/gardening_with_children/plantstotry_easy1.shtml