

# Lesson 111

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## Skills:

- ❖ Recall the experience at the park.
- ❖ Sing with hand actions (finger plays).

## Materials:

- ❖ Empty toilet paper roll
- ❖ Waxed paper
- ❖ Rubber band
- ❖ *I Wish that I Had Duck Feet*, by Dr. Seuss
- ❖ Worksheet 111

## Calendar:

- ❖ Continue routine activities.

## Math:

- ❖ Read *I Wish that I Had Duck Feet*.
- ❖ Have the child compare feet sizes.
  - On paper, have the child trace around the feet of each family member.
  - Cut out each set of feet, and write the name of the family member on the paper foot.
  - Have the child place them in order from smallest to largest.
  - Use a ruler and measure how many inches each foot is. Write the measurement on the paper foot.
  - Have the child compare the feet sizes by asking questions:
    - Who has the largest feet?
    - Who has the smallest feet?
    - How many inches longer is the longest foot than the shortest foot?
    - Continue asking other questions.

## Language Arts:

- ❖ Have the child recall details of the experience at the park. Start him out by asking him to tell you what he remembers about his trip to see the ducks. Prompt him when necessary by asking questions such as:
  - Did we see any friends while we were there? Who?

- Did the ducks like the food we brought?
- What sounds did the ducks make?
- What was the weather like?
- ❖ Have him draw a picture of what he remembers.
- ❖ Have the child review the short vowel words in part A of worksheet 111. Then have him read the sentences in part B and write one of the sentences on the line.

## Music:

- ❖ Teach the finger play “Five Little Ducks.”

Five little ducks went out one day, over the hill and far away.

Mother Duck said, “Quack, quack, quack, quack.” But only four little ducks came back.

Four little ducks... But only three little ducks came back.

Three little ducks... But only two little ducks came back.

Two little ducks... But only one little duck came back.

One little duck... And all of her ducks came waddling back!

### Hand motions:

Five little ducks went out one day, (*Hold up five fingers.*)  
over the hill and far away. (*Move hand up and down like hills.*)

Mother Duck said, “Quack, quack, quack, quack.” (*Open and close thumb with fingers like a duck’s mouth.*)

But only four little ducks came back. (*Hold up four fingers.*)

- ❖ Sing the words with the tune:

Five little ducks went out one day, over the hill and far a-way.

Mother Duck said, “Quack, quack, quack, quack.” But on-ly four little ducks came back.

## Enrichment

- ❖ Make a kazoo using an empty toilet paper roll. Secure waxed paper over one end with a rubber band.
- ❖ Have the child blow into the other end and play the tune of “Five Little Ducks.”

# Lesson 113

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## Skills:

- ❖ Discover what plants need to live and grow.
- ❖ Develop small motor skills: copying patterns, gluing, using scissors

## Materials:

- ❖ Colored paper
- ❖ Green tissue paper
- ❖ Tan yarn
- ❖ Two small re-sealable baggies
- ❖ Paper towels
- ❖ Spray water bottle
- ❖ Three lima beans (*Soaking the lima beans in water overnight will help them to sprout faster.*)
- ❖ Carrot seeds
- ❖ Four toothpicks
- ❖ Jar
- ❖ Potato
- ❖ *The Carrot Seed*, by Ruth Krauss
- ❖ Worksheet 113

## Calendar:

- ❖ Read *The Carrot Seed*.
- ❖ Continue routine activities.

## Math:

- ❖ Introduce the unit on plants by having the child make a diagram of the parts and the needs of a plant. Use the patterns and labels on worksheet 113.
  - Cut six circles. These are the flower petals.
  - Cut one hexagon. This is the flower center.
  - Cut one large green rectangle. This is the stem.
  - Cut two green triangles. These are the leaves.
  - Cut one white or gray cloud.
  - Cut one yellow circle. This is the sun.
  - Cut ten small yellow rectangles. These are the sun rays.
  - Glue the hexagon on a large piece of blue paper.



- Glue the six circles around the hexagon. This makes the flower.
- Glue the green stem below the flower.
- Glue the two triangle leaves on the stem.
- Tape or glue brown paper below the base of the stem. This is the soil.
- Glue tan strips of yarn from the bottom of the stem. These are the roots.
- Glue the sun and sunrays on the blue paper.
- Glue the cloud on the blue paper, and draw raindrops falling from the cloud.
- Cut out the labels and glue them on the correct parts of the plant.

## Language Arts:

- ❖ Read the following to your child:

The four basic parts of most plants are roots, stems, leaves, and flowers. The roots help support the plant by holding the plant in the ground. The roots also absorb water and nutrients from the soil so that the plant can grow.

The stem carries the water and nutrients from the roots to the leaves of the plant. Stems also provide support for the plant and direct the leaves towards the sunlight.

Leaves are made to catch light, and the outer surface of the leaf has a waxy coating which protects the leaf. Veins carry water and nutrients within the leaf. The leaves use the sunlight, air, water, and nutrients to produce food for the plant. Then the food produced by the leaves moves to other parts of the plant.

Flowers look pretty, and they can turn into fruit. They also make the seeds to grow new plants.

- ❖ Discuss the information with your child using the diagram from math.
- ❖ Sing “The Parts of a Plant” to the tune of “The Wheels on the Bus.”

The parts of a plant are flower and stem, flower and stem, flower and stem;  
The parts of a plant are flower and stem, leaves, and the roots.



## Art:

- ❖ Have the child make a sunflower.
  - Help the child trace his hand to create a pattern for the flower petals.
    - Place one hand on a piece of yellow paper, with fingers slightly spread apart, and trace around the outside of his hand.
    - Cut out the handprint, and use it as a pattern to make five more handprints.

- Lay the petals in a circle. Overlap the thumbs on the first two handprints. Then place the pinkie fingers of the second and third handprints close together, and overlap the thumbs on the third and fourth handprints. Continue this pattern for the other three sets of handprints. This will make the flower petals look more evenly spaced.



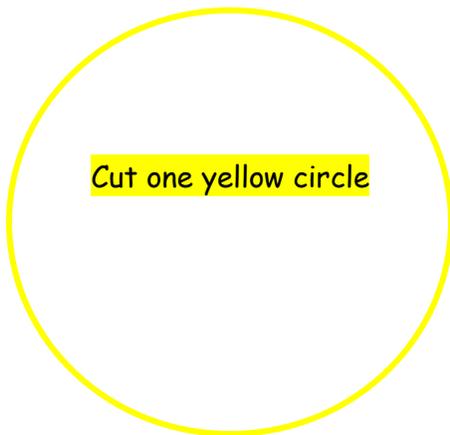
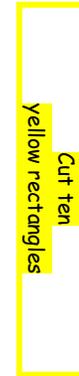
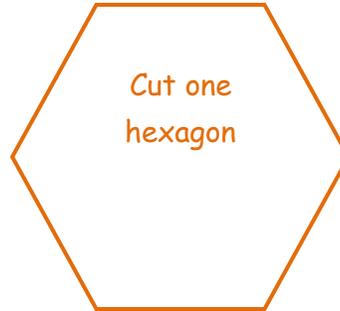
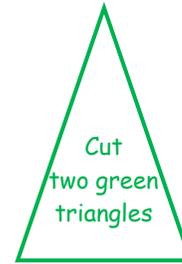
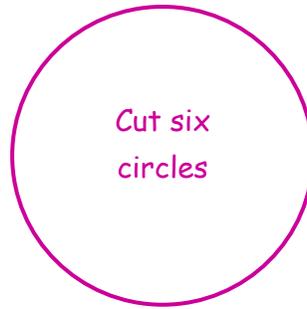
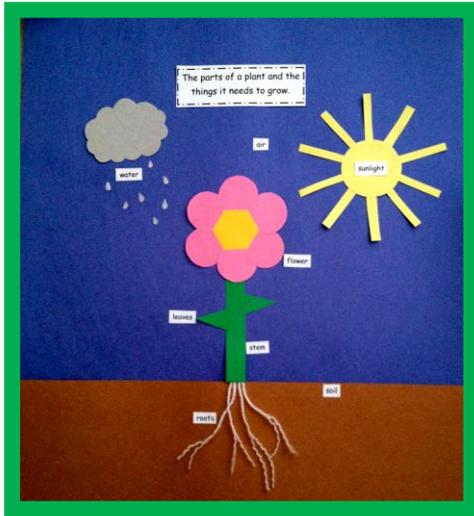
- Glue the flower petals to a large piece of blue paper.
- Cut one brown circle for the center of the flower. Glue this on the sunflower.
- Roll a long strip of green tissue paper to create a stem. Glue this on the paper.
- Cut out two leaves and glue them to the stem.
- Make additional sunflowers to create a sunflower garden.

## Enrichment:

- ❖ Grow bean seeds in a re-sealable baggie.
  - Have the child spray a paper towel with water.
  - Fold the paper towel into a small rectangle the width of the baggie.
  - Lay the paper towel flat in the baggie.
  - Place three lima beans on the paper towel.
  - Zip the baggie shut.
  - Tape the baggie to a sunny window and watch the seeds sprout.
  - Spray the paper towel with water as needed.
  - NOTE: When the baggie is opened it may smell.
- ❖ Repeat this procedure with carrot seeds.
- ❖ Grow a potato plant in a jar.
  - Insert four toothpicks into the middle of the potato. Space the toothpicks evenly so they will support the potato on the rim of the jar.
  - Fill two-thirds of the jar with water.
  - Suspend the potato, pointed side down, with the bottom half of the potato in the water.
  - Place the jar with potato in a sunny place.
  - Change or add water as needed. The water should be clear.
  - After a few days, roots should form below the waterline.
  - In two or three weeks, stems and leaves will sprout from the top.
  - After about a month, the potato can be planted in a small pot filled with potting soil.



Cut out the patterns. Use them to trace and cut plant parts and needs. Cut out the labels. Glue them in the correct places on your diagram.



flower	stem	leaves	roots
air	water	sunlight	soil

The parts of a plant and the things it needs to grow.