## LONGWOOD GARDENS Make Your Own Grass Head Activity



### At a Glance:

Plant some grass seed and use the recording sheet to log your daily observations. How long will it take before you must give your grass head a haircut?

### **Did You Know?**

Grass is one of the fastest growing plants on Earth! Grass belongs to the Paoceae family and makes up about 26% of plant life on the planet. Grasses provide nutrition for both animals and humans, and it grows in many different types of environments. Every continent has grass growing on it, and in the United States alone, there are 1,400 different species of grasses.

Grasses produce seeds and are monocots. Monocots have one cotyledon. A cotyledon is the part of the seed that turns into leaves. They are herbaceous, meaning there is no stem. You may be surprised to know that corn, wheat, barley, oat, sugarcane, millet, and rice are ALL grasses. Giant Bamboo is the largest variety of grass and can grow up to be 151 feet tall!

#### **Green Careers:**

Caring for grass or turf is a great career opportunity. Get a behind the scenes look at the life of a Sports Turf Manager at the link: https://www.youtube.com/watch?v=WDugn5DZail&feature=youtu.be

### LONGWOOD GARDENS

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### Materials:

- ½ cup of soil
- 1 tablespoon of grass seed
- 2 Plastic cups
- Observation Recording Sheet
- Optional: wiggly eyes, construction paper, other craft materials
- Pantyhose stocking, knee high, or sock
- Permanent markers
- Ruler
- Scissors
- Water

### **Directions:**

- 1. Take a pantyhose stocking and measure 7 inches up from the toe. Use scissors to cut the stocking.
- 2. Place the stocking toe in a plastic cup and wrap the cut edges over the top of the cup.
- 3. Measure a tablespoon of grass seed and place into the stocking.
- 4. Place a half cup of soil into the second plastic cup and moisten the soil with water. Be sure to mix the soil and water together.
- 5. Place the wet soil into the stocking, covering the grass seed.
- 6. Carefully remove the cut edges of the stocking from the cup.
- 7. Gather the edges together and tie a knot. Squeeze into a ball shape to make a head.
- 8. Use a permanent marker to draw two eyes (or use the wiggly eyes), a nose and mouth onto the ball shaped head. Keep in mind the knot will become the neck.
- 9. Place 2 inches of water in the cup and place the knot side of the soil ball down into the water.
- 10. Place the cup near a sunny window. Refresh the water every few days, so the soil stays moist.
- 11. Complete the Observation Recording Sheet.
- 12. Once your grass begins to grow, feel free to give the grass a haircut!

**Optional:** Use craft materials to decorate the head! You can even use the construction paper to create a shirt for your cup.



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### **Observation Recording Sheet**

Hypothesis: \_\_\_\_\_

How many days will it take the grass to start growing? \_\_\_\_\_

Date Grass Seed Started:

Date	Growth Data