

# Science Activity: Growing Grass

In this activity children participate in growing grass from seeds. The children will plant the seeds, water the seeds, and observe and record their seeds growth.

## Objectives:

- ✓ Children will make predictions about how long it will take their seeds to **sprout or germinate**.
- ✓ Children will make observations about their seeds and grass and record them (write/draw) them in their science journals.
- ✓ Children will be able to identify three things seeds need to grow: **soil, sun, water**.
- ✓ Children will use science tools (magnifying glass, ruler) to observe grass and seeds.

## Supplies:

- ✓ One paper cup per child, labeled with each child's name. (Sharpies write well on cups.)
- ✓ 4 Plastic Trays (to set up seed planting stations and to store cups on)
- ✓ Light Source (i.e. a window)
- ✓ Soil
- ✓ Spray Bottles (small- filled with water)
- ✓ Grass Seeds (we use a shade variety)
- ✓ Scoop and spoon
- ✓ Plastic Wrap
- ✓ Science Journals
- ✓ Colored Pencils
- ✓ Rulers
- ✓ Magnifying Glasses
- ✓ Grass Growing Activity Cards
- ✓ Vocabulary Cards



## Directions:

1. Cut apart and laminate activity cards. Set up a "Planting Station" and put one card on each tray with the supplies needed, so children "read" the picture directions and do each part on their own.
2. Invite children to record in their journal what their seeds look like. Provide them with magnifiers, and colored pencils.
3. Cover seeds with plastic wrap to keep them moist (until their start growing) and place them in a well lit window.
4. Invite children to observe their seeds each day they attend. Encourage them to record their observations in their journals. Provide magnifiers and rulers for making observations and vocabulary cards for children to copy into their journals.

## Exploratory Questions:

How soon do you think your seeds will germinate/sprout (start growing)?

How can you tell if your grass is growing?

What tools can you use to learn more about your grass?

What do seeds need to grow? Why?

Why are some growing faster than others?

What do you notice about your seeds/grass?

How tall do you think your grass will grow? Why?