



Teacher Toolkit

Activity: Exploring Seasons

Presented by: Civic Garden Center of Greater Cincinnati

Grade Level(s) K- 1st grade

Activity Description

What do seasonal changes look, feel and smell like in the garden?
In this lesson, students engage in making observations and collecting data to investigate characteristics of the spring season!



Ohio Standards Met

- Science, Kindergarten: Daily and seasonal changes
- Science, Grade 1: Sun energy and weather
- Math, Kindergarten: Understand the relationship between numbers and quantities
- Math, Grade 1: Represent and solve problems using addition and subtraction

Instructions

- Introduction
 - What season is it? Use your senses to describe the season.
 - What do we like to do in this season?
 - Break into three groups for each of the three activities (or do each station as a whole class).
- Station 1- Observe: Weather
 - Review the season and its characteristics.
 - Fill in a 'Today's Weather' worksheet.
 - Measure your shadow height on the asphalt with chalk and a measuring tape.
- Station 2- Signs of Spring Scavenger Hunt
 - Have the students match cards of the seasons to pictures of gardens in various seasons.
 - Read over the scavenger hunt as a group.

Thanks to Greater Cincinnati Environmental Educators (GCEE) for collecting activities for the Teacher Toolkit



Instructions (continued)

- Station 2 (continued)
 - The scavenger hunt can be done in partners or individually; each group needs their own copy of the scavenger hunt, a clipboard and pencil.
 - Encourage the students to share exciting things and enjoy their findings!
- Station 3 – Garden: Plantings
 - Demonstrate to students the proper way to plant a seed while discussing what happens next in the life cycle after planting.
 - Use flour to properly space out and mark places for students to plant their seeds.
 - Have students place two seeds per space marked, and count together as they plant them. Mark each type of seed with a plant ID marker.
 - If desired, ask occasional math questions (simple addition and subtraction problems) to identify the number of seeds.
- Conclusion
 - Have students share what they learned
 - Ask student what season comes next?
 - What are some different things you can do in the garden in the different seasons?

Materials Needed

- Station 1
 - ‘Today’s Weather’ worksheet (see next page)
 - Clipboard
 - Chalk
 - Measuring tape
 - Optional: tools to study the weather such as a thermometer, rain gauge, wind sock, compass, etc.
- Station 2
 - Spring-themed scavenger hunt worksheet (can be found by Googling)
 - Seasons picture cards (see next page)
 - Clipboard
- Station 3
 - Spring seeds
 - Flour
 - Plant ID markers (such as popsicle sticks)
 - Optional: trowels
 - Optional: yarn to mark out spacing for seeds and rows

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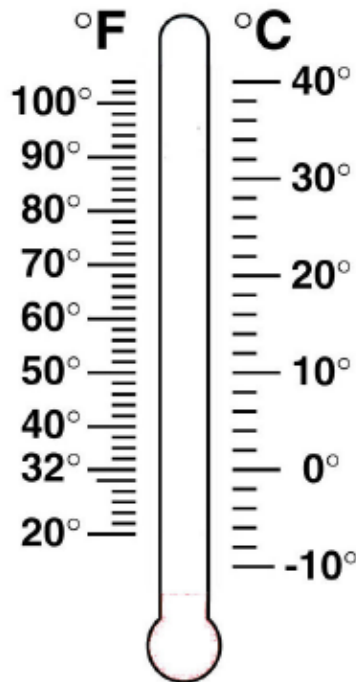
Name _____

Today's Weather Worksheet

Today's date is: _____

The temperature outside is:

Fill in the thermometer below
to the correct temperature:



Circle all the words below that
describe the weather today

clear rainy

snowy windy

sunny cloudy

Which direction is the wind coming
from? _____

Which direction is the wind
heading towards?

What is the wind speed?



Exploring Seasons Season Cards

Spring	Summer	Fall	Winter
Spring	Summer	Fall	Winter
Spring	Summer	Fall	Winter
Spring	Summer	Fall	Winter

Exploring Seasons- Garden in Seasons Images

Winter



Spring



Summer



fall

