

TUESDAY, JULY 2 (Note: No activities on Thursday, July 4th)

Materials

Opening: Name-tags and water bottles

Activity time: Shaving cream 1 can/group, small plates, eye dropper and glass of blue colored water 1/group, Activity sheet: *What are Clouds Made Of?* 1/group, access to water to wash hands at end of activity, copies of *What's Weather, The Seasons, and Cloud Gallery from: "Eye Wonder ; Weather"* DK Publishing, 2004 1/group. (Note – prior to activity make 6 sets of copies and connect pages together for use with activities.) One set of inflatable clouds.

Other Resources

Vanilla ice cream, raspberries, strawberries, blueberries, blackberries, pound cake cut into cubes, cups & spoons 1/kid, red/white/blue sprinkles. Ice cream scoop.

Overview

This week kids will only attend on Tuesday as Thursday is the Fourth of July. Kids will learn about the concept of weather and do an activity related to clouds. Kids will enjoy a Red, White, and Blue ice cream and berry treat.

Schedule

1. Opening: 10:15 – 10:30
2. Activity time (Inside and Outside groups): 10:30 – 11:15
3. Closing time: 11:15 – 11:30

Opening

When the first group arrives, distribute nametags and water bottles, and gather the kids into three smaller groups to work outside. The outdoor group will have a tour of the garden including the raised beds. This group will work in the garden for the first 20 minutes, then move into an activity time.

When the second group arrives distribute nametags, water bottles and gather into three smaller groups. Complete the activity time with the second group for the first 20 minutes, then they will move into working in the garden.

Activity Time

Gather group together and ask them to give a description of what weather is (allow all answers). Show the two page “*What’s Weather*” sheets and read the text and show the pictures that demonstrate different types of weather.

Next talk about how the weather changes for each season. Ask kids to name the four seasons and typical weather for each. Show the two page “The Seasons” sheets and read the text and show the pictures that demonstrate different seasons.

Next talk about how when the weather changes we often see changes in clouds. There are many different types of clouds. Show the two page “Cloud Gallery” sheets and read the text and show the pictures that demonstrate different types of clouds.

Next, using the “What Are Clouds Made Of?” worksheet, read the science notes in the left hand column. Distribute a plate to each child and follow the activity in *Number 1* on the right hand column to make a cloud using shaving cream. Review the different types of clouds and allow kids to experiment making clouds with the shaving cream. Tell kids that as clouds collect more and more water droplets they become darker and that is how we know it will rain; when the clouds are dark. Add drops of the blue colored water to each kid’s plate and have them mix it in until the shaving cream is darker.

Allow kids to wash hands and recycle paper plates.

Using “Blow up Clouds” name each type of cloud. Have kids gather into a circle and toss the clouds as they say the name of the cloud. As kids learn the names, have them toss the clouds faster and faster to see how many names they can remember.

CLOSING

Kids will gather for pre-made treat of vanilla ice cream, pound cake, and berries.