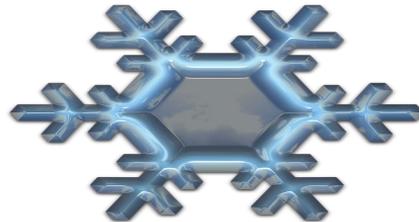
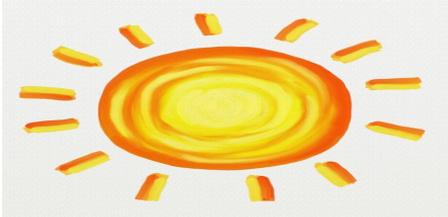


Mikel's 90 Second Slide

Kindergarten & 1st Grade

Weather Lesson Plan



Engaging Context

In the center of the carpet I will put a large box filled filled with weather related materials including sunglasses, bathing suit, gloves, umbrella, sandals, sweater, shorts, windsock, thermometer and other items used for different weather conditions. I will invite my class to make a large circle around the box. I will then ask each student to take out one item out at a time and explain how that item might be used without any other explanations from me. I will allow my students to lead the discussion, revealing what they already know about the weather and appropriate weather items.

Goals and Objectives

The learners will be able to:

1. Observe weather
2. Identify appropriate and necessary clothing and accessories
3. Use tools to observe weather
4. Collect and organize data
5. Display data in graph

Objectives

1. Identify different weather features such as wind, precipitation, temperature and cloud cover.
2. Observe and determine the effects of weather on human activities.
3. Use common tools to measure weather.
4. Collect and organize data as a group activity.
5. Display and describe data with concrete and pictorial graphs as a group activity.

Integrated STEM

Science: Students will learn how the sun is the source of light and heat that warms the Earth. Weather conditions can be observed and described as sunny, windy, hot cold, windy, stormy, rainy, etc. Weather influences how we dress, feel and what activities we do. Wind is moving air, Wind speed can be measured by observing things that it moves, such as tree branches, and flags.

Technology: Computer to access weather websites such as weatherbug.com.

Engineering: Students will construct their own rain guage and their own wind sock.

Math: Students will perform counting drills with the thermometer. Counting by ones, twos, fives and tens. Students will collect data and make a pictograph to represent data.