

**Grades:** 1-3

**Lesson Plan Title:** Weather and Seasons

**General Goal(s):**

This lesson will introduce seasonal changes, weather, and weather instruments.

**Specific Objectives:**

Use a computer presentation to introduce and discuss different types of weather and their relation to seasons and seasonal changes.

- Types of weather and weather phenomena to be discussed: rain, snow, sunshine, clouds, wind, rainbows, and fog.

Introduce weather measuring tools/instruments that are used at weather stations around Canada.

- Types of instruments include: Stevenson Screen, thermometer, barometer, thermo-hydrograph, anemometer, wind sock, snow gauge, rain gauge, and ice thickness.

Show that weather can be measured using methods other than ground instruments.

- Other methods of measuring weather include weather balloons and satellites.

Make a weather related craft.

- Weather puppets
  - Students can make a puppet representing a type of weather and use them to put on a puppet show.
- Weather Mobile
  - Students can make a four-pronged mobile with each prong representing one of the four seasons. Drawings of corresponding weather types can be hung from each prong.

**Required Materials:**

- computer and projector
- construction paper
- glue
- scissors
- string/yarn
- popsicle sticks
- googly eyes
- markers/crayons
- scotch tape

- pipe cleaners

### **Step-By-Step Procedures:**

1. Deliver computer presentation. (25 min)
2. Have students make weather-related craft project. (35 min)
  - Weather Puppets
    - Using half a sheet of construction paper, draw and cut out a weather shape (sun, raindrop, cloud, rainbow, snowflake).
    - Add accessories/decorate using additional construction paper, markers.
    - Add arms/legs with pipe cleaners and googly eyes.
    - Attach weather shape to popsicle stick (handle) with scotch tape.
  - Weather mobiles
    - Glue two popsicle sticks in an “x” shape to form mobile base.
    - Using scrap paper, draw small pictures of seasonal weather (snow for winter, rain for summer). The teacher may also choose to provide printed images for students who find drawing challenging.
    - Using string or yarn, attach pictures to mobile and decorate.

### **Plan for Independent Practice:**

Allow students time to use their puppets together. Look for connections (rain – sun – rainbow).

### **Assessment:**

During presentation, are students able to answer weather-related questions?

Do the puppets represent a weather type? Are students clear on the concepts of weather phenomena?

Are there any connections being made when students play with puppets together?

### **Keywords:**

Weather, rain, snow, wind, frost, fog, rainbow, seasons, spring, summer, fall, winter, temperature, precipitation