

weather watch

This program introduces students to the science of weather. Through discussion and fun experiments, students will discover what weather and climate are, what causes specific weather patterns, and how to predict our weather.

CURRICULUM CONNECTION — Weather watch

► Program Outline | 90 minutes

Greeting and Introduction

Welcome and organization

Program Activities

- **What is weather?**
Discussion about weather.
- **Air pressure and clouds**
Discover high and low pressure systems, create a cloud in a jar, and observe the clouds to predict weather.
- **Precipitation**
Discover what humidity is, make snow crystals, and measure the moisture in the air.
- **Wind chill**
Discover how wind can affect how we sense temperature, and test winter “jackets” to protect you from the elements.
- **Temperature**
Measure the temperature in and around the Discovery Centre, and learn how to convert °C to °F.
- **Wind**
Measure wind speed and find out about tornado ratings.
- **Severe weather**
Make lightning and find out what causes thunder.

Conclusion and Departure

Summarize, questions and prepare to depart

