



WEATHER WATCHERS

Grade 5 Climate and Weather Education Program with Battle River Watershed Alliance

Goal: Weather Watchers is a place-based, experiential learning, education program aligned with the Alberta Grade 5 Science Curriculum (2024) Earth Systems unit. The program has a watershed focus connecting students to the land and water. It features an interactive field trip led by Battle River Watershed Alliance where students explore, monitor, and reflect on local climate and weather. Both western science and Indigenous perspectives will be shared.

FIELD TRIP

Time: 2.5 hour field trip, with additional in-class time for pre- and post- activities

Location: Local wetland or stream

Cost: No Charge

(Busing costs are not covered)

Activities:

- Introduction: A) Introduction to weather and climate, B) explore the watershed map and Cree place names, and C) land acknowledgment (10 min)
- Environmental Awareness: A) Be the weather body percussion exercise and B) weather watching sit spot (10 min)
- Weather Stations:
 - Observation & measurements: Show students how to measure temperature, humidity, wind speed, and soil moisture using different tools (20 min)
 - Precipitation Party: A) Introduction to precipitation concepts (types, local sources, measurement), B) share Cree and Michif weather terms, and C) play the water cycle relay (20 min)
- Wild Weather & Indigenous Storytelling: A) Share Indigenous perspectives on weather and climate observations and B) ask the students to share their wildest weather story (20 min)
- Ecoregions & Wrap-Up: A) Introduction to climate regions and ecoregions and B) play the Climate Chaos Game (20 min)