ACTIVITY: Snow & Temperature Data Collection
@home

Objective
From home, strengthen math and science concepts while collecting meteorological data for variables like snow depth, temperature, and snow wetness! Why snow? Snow is important for ground water recharge, drinking water availability, ecosystem function & so much more. Through experimentation, investigate the different properties of water (e.g. solid, liquid) & explore snow as a water resource in your community. What do you notice? Record your observations from a school playground, park, field or yard near you! Share your S²nowledge!

Materials
- **Metre stick or ruler** (depending on how much snow there is on the ground)
- **Thermometer** (optional)
- **Computer/tablet/smartphone** with internet connection to submit observations using the [Online Reporting Tool](#).

Activity
**Check with your parent or guardian before going outside to and submitting your observations online.**

01. Gather materials & dress for the weather outside.

02. Find a place outside in a field or yard that is **untouched** (e.g. somewhere that hasn’t been walked on, plowed, or driven over) & **away from structures** (e.g. fences, buildings). Record 2 to 10 sets of observations at different locations within the field following the prompts in the [Online Reporting Tool](#) or the worksheets. Submit your observations online.

03. Explore your data on the interactive map.

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1. Online Reporting Tool: [sknowledge.ca/share](#)
2. Worksheet resources: [sknowledge.ca/worksheet](#)
3. Interactive Map: [sknowledge.ca/explore](#)