

Observe and Predict!

Question:

How can you use observation and data gathering skills to accurately predict the end of a snowdrift?

Background:

There are many factors that could influence the 'melt rate' of a snowdrift.

Activity:

Find a snowdrift that you can easily have access to. Make careful observations about size, depth, and location. You could also utilize past weather patterns and/or weather predictions. Gather as much data as you want then make a prediction about when your snowdrift will melt!

Vocabulary to incorporate into this lesson:

Data

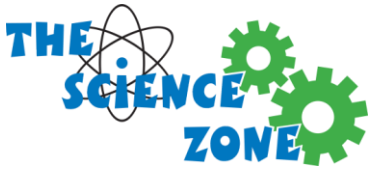
Observation

Hypothesis

Procedure:

- #1) Find a snowdrift
- #2) Determine what data/information you want to gather in order to make a prediction
- #3) Form a hypothesis that includes your predicted 'melt date'





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Explain: The scientific process involves asking questions, gathering information then making a prediction.

Extension:

Take the snowdrift challenge! See if you can pick a snowdrift that will melt between April 1 and April 15. Predict what date it will be melted. Can you use your observation and data gathering skills to make an accurate prediction?

Connect with us:

Share your pictures and predictions with us on the Science Zone facebook page!

