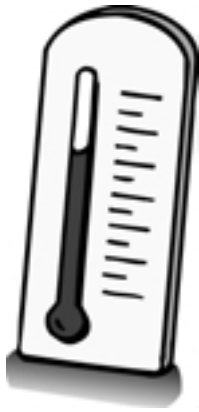
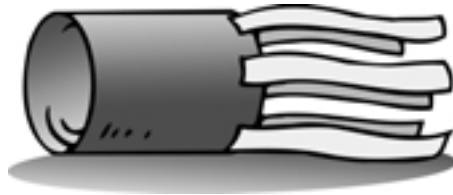


Keeping a Weather Chart

WHAT YOU NEED



outdoor
thermometer



wind finder



crayons

Find Out

Do this activity to see how the weather changes.

Process Skills

Predicting
Measuring
Observing
Communicating
Interpreting Data
Inferring

Time

- 30 minutes to get started
- 10 minutes twice a day for two weeks



It is important that students make weather observations at the same times each day.

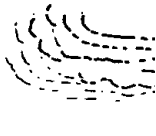

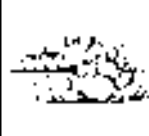



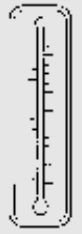

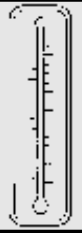
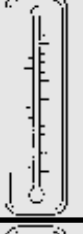
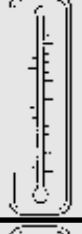
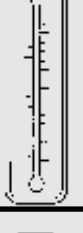
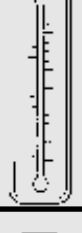
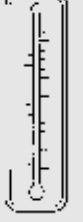
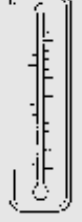
WHAT TO DO

1. **Predict** how the weather will change from day to day.
2. Put the thermometer outside, away from direct sunlight.
3. **Find** the temperature. **Mark** the temperature on the chart.

4. Put the wind finder outside.
5. **Observe** the wind finder. **Record** on the chart if the wind is blowing.
6. **Record** if there is rain, snow, clouds, or sunshine.



As a year-long class project, have students continue to make weather observations to recognize patterns of seasonal change.

						
	Temperature a.m. p.m.	Wind	Rain	Clouds	Sun	Snow
Monday morning afternoon	 	Yes No				
		Yes No				
Tuesday morning afternoon	 	Yes No				
		Yes No				
Wednesday morning afternoon	 	Yes No				
		Yes No				
Thursday morning afternoon	 	Yes No				
		Yes No				
Friday morning afternoon	 	Yes No				
		Yes No				

Provide another chart for students to continue the investigation.

Conclusions

1. How did the weather change?

Answers will vary depending upon data collected.

2. How much did it change from day to day?

Look for patterns in the weather.

Tell about the patterns.

Answers will vary based on data collected. Students may see patterns between morning

and afternoon measurements, such as warmer temperatures in the afternoon.

New Questions

1. What could you find out if you took weather measurements all year long?

Weather measurements taken over a year would show how weather changes

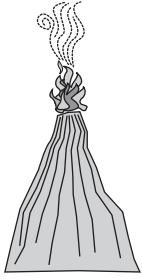
with the seasons; which months are coldest, hottest, wettest; and so on.

2. Ask a question you still have about weather.

Accept all questions.



Name _____



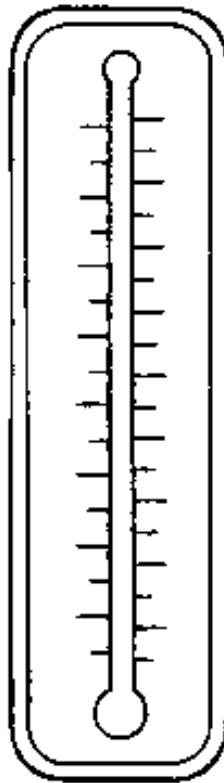
ACTIVITY

Measuring Temperature

Look at the thermometer.

Draw the red line.

Starting Temperature



Placement of line will depend on the temperature outside.

Activity Journal

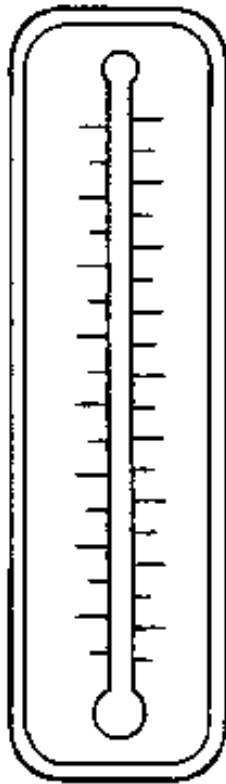
Lesson 1 • Daily Weather

Name _____

Look at the thermometer.

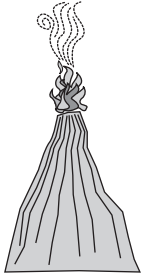
Draw the red line.

Two Hours Later



Placement of line will depend on the temperature outside.

Name _____



ACTIVITY

Changing Seasons

Draw a picture of winter.

Drawings will vary, but should include typical winter images, activities, and objects, such as a snowman, a person skiing, or a scarf and boots.



Draw a picture of spring.

Drawings will vary, but should include typical spring images, activities, and objects, such as flowers, a person kicking a soccer ball, or a short-sleeved shirt.



Activity Journal

Lesson 2 • The Seasons

Name _____

Draw a picture of summer.

Drawings will vary, but should include typical summer images, activities, and objects, such as a sailboat on lake, a person wearing a bathing suit, or a baseball cap.

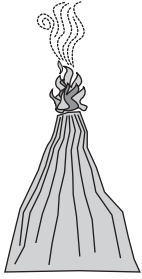


Draw a picture of fall.

Drawings will vary, but should include typical fall images, activities, and objects, such as leaves fluttering from a branch, a person raking leaves, or pumpkins.



Name _____



ACTIVITY

Getting Ready for the Weather

Draw what you wear and do
on warm, sunny days.

A large, empty rectangular box with a thin black border, intended for a student to draw. In the bottom right corner of this box, there is a small line drawing of a pair of sunglasses.

Student drawings should show that they understand the kinds of activities and clothing appropriate for warm, sunny days.

Name _____

Draw what you wear and do on rainy days.

Student drawings should show that they understand the kinds of activities and clothing appropriate for rainy days.



Draw what you wear and do on cold days.

Student drawings should show that they understand the kinds of activities and clothing appropriate for cold days.

