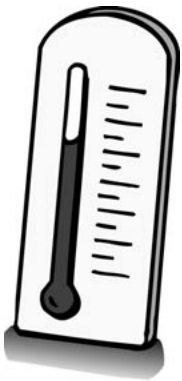


Building a Weather Station

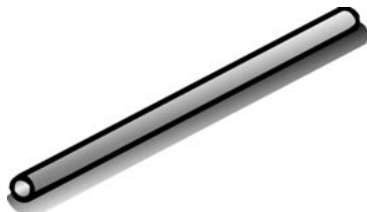
WHAT YOU NEED



outdoor
thermometer



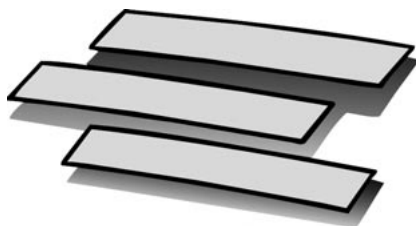
rain gauge



straw



tape



strip of
tissue paper

Find Out

Do this activity to see how the weather changes each day where you live.

Process Skills

Predicting

Measuring

Communicating

Observing

Time

- 30 minutes to set up the weather station
- 10 minutes each morning and afternoon for three weeks



WHAT TO DO

- 1. Predict** how the weather will change from day to day.
- 2.** Put the thermometer and rain gauge in a safe place outside.
- 3.** Make a wind finder. Tape a strip of tissue paper to a straw.

4. Measure the temperature and the rainfall at the same time each morning and afternoon. **Record** your findings on the chart.

5. Take your wind finder outside each morning and afternoon. **See** what happens to your wind finder when the wind blows. See if the wind is light, strong, or very strong. **Record** what you find on the chart.



		Temperature	Rainfall	Wind
Day 1	Morning			
	Afternoon			
Day 2	Morning			
	Afternoon			
Day 3	Morning			
	Afternoon			
Day 4	Morning			
	Afternoon			
Day 5	Morning			
	Afternoon			
Day 6	Morning			
	Afternoon			
Day 7	Morning			
	Afternoon			
Day 8	Morning			
	Afternoon			
Day 9	Morning			
	Afternoon			
Day 10	Morning			
	Afternoon			
Day 11	Morning			
	Afternoon			
Day 12	Morning			
	Afternoon			
Day 13	Morning			
	Afternoon			
Day 14	Morning			
	Afternoon			
Day 15	Morning			
	Afternoon			

Conclusions

1. What weather changes did you see?

2. Was the weather the same on some days?
If so, how?

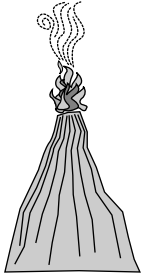
New Questions

1. How would the weather change if you recorded it every day of the year?

2. Write a question you still have about weather.



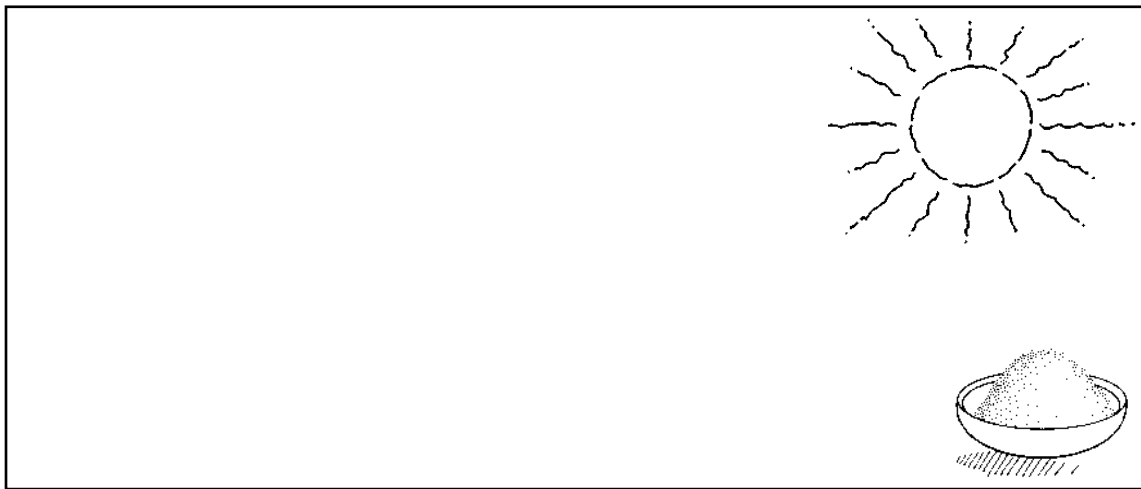
Name _____



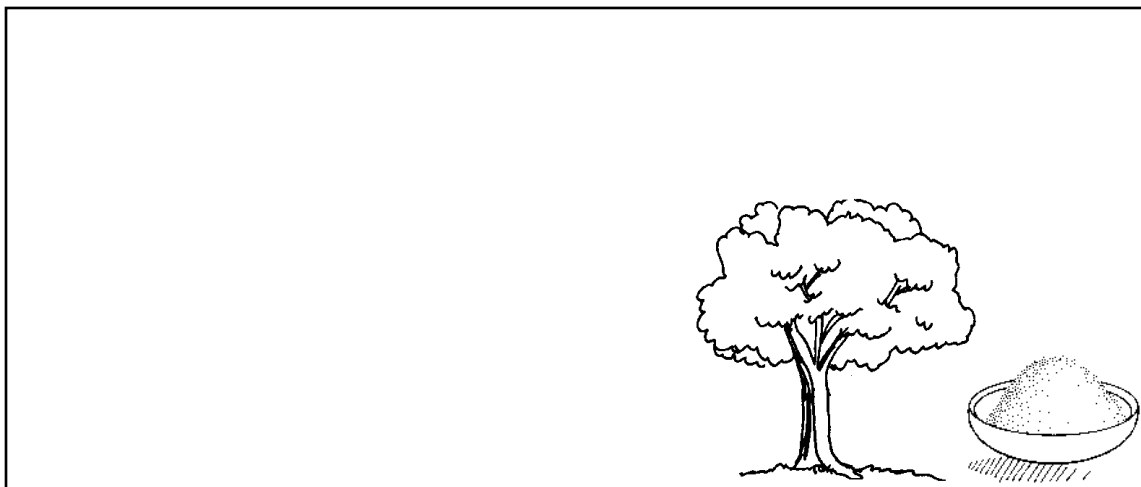
ACTIVITY

Warming the Land

Predict how the bowl of sand in the sun will feel.



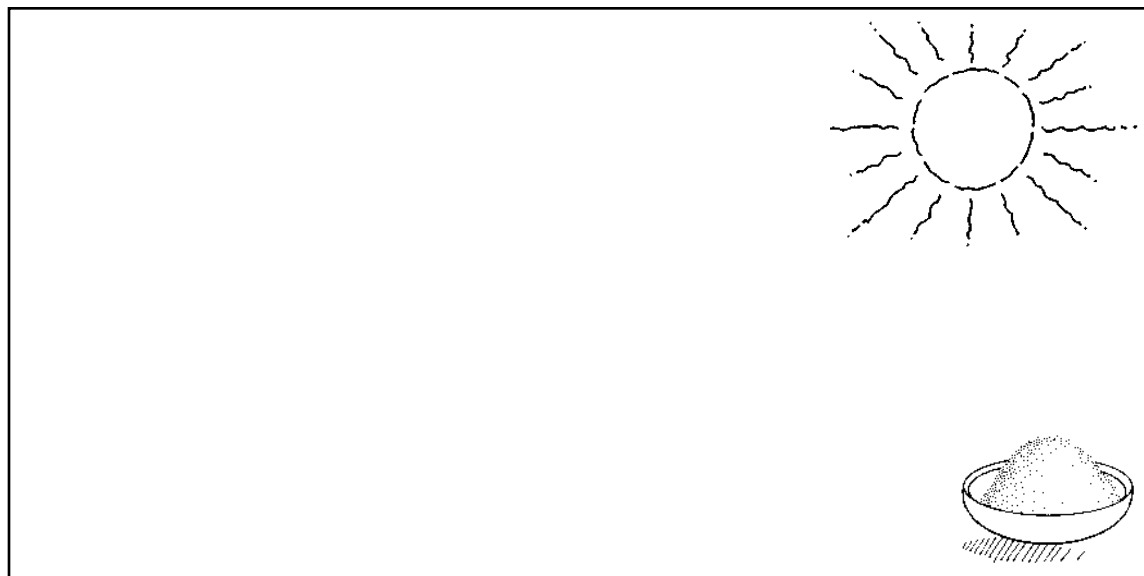
Predict how the bowl of sand in the shade will feel.



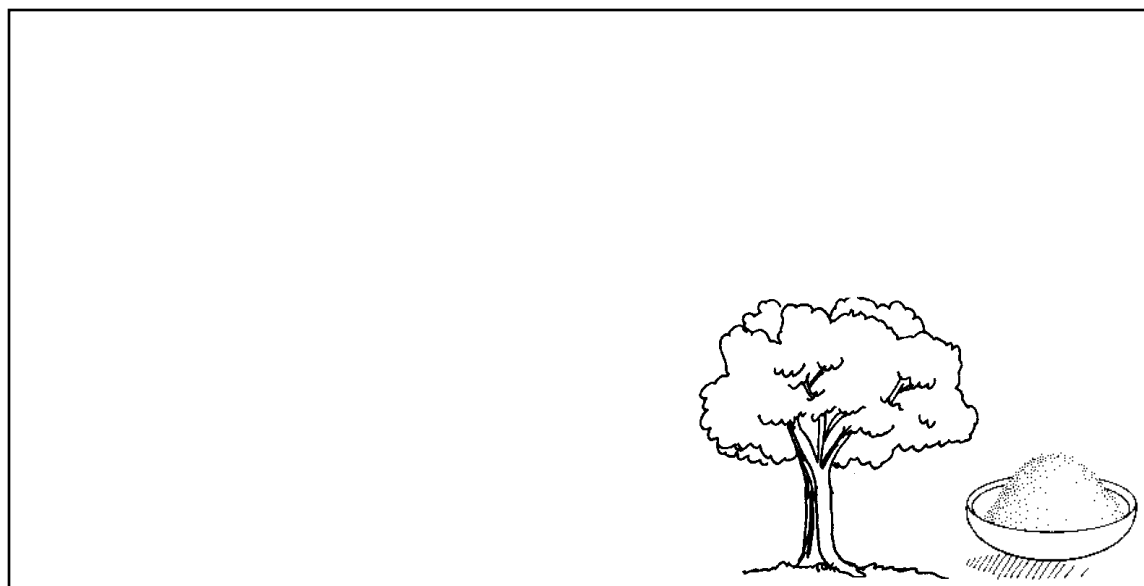
Chapter Science Investigation

Name _____

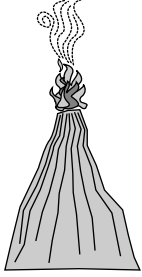
How did the bowl of sand in the sun feel?



How did the bowl of sand in the shade feel?



Name _____



ACTIVITY

Reading a Thermometer

What time of day is it?

morning

afternoon

How does the air feel inside?

warm

cool

How does the air feel outside?

warm

cool

Draw a picture of the weather outside.



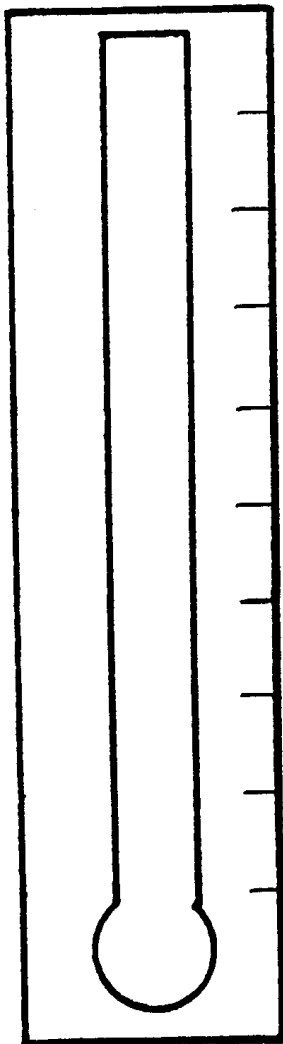
Activity Journal

Lesson 2 • Measuring the Weather

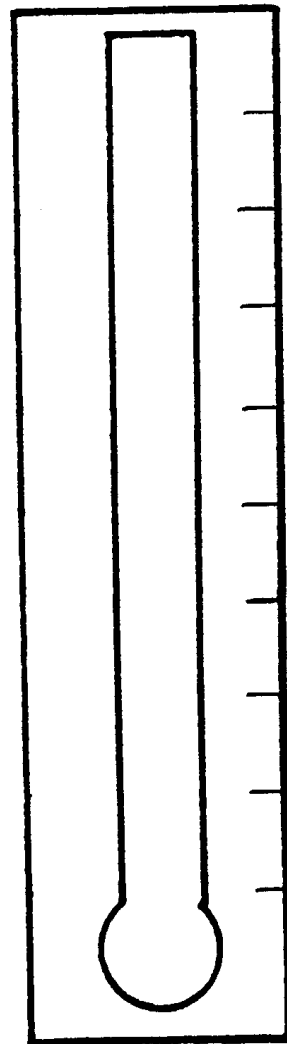
Name _____

Draw what the thermometer inside looks like.

Draw what the outdoor thermometer looks like.

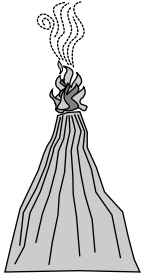


**thermometer
inside**



**outdoor
thermometer**

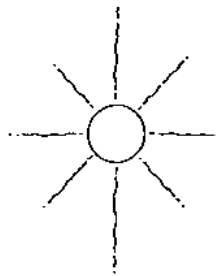
Name _____

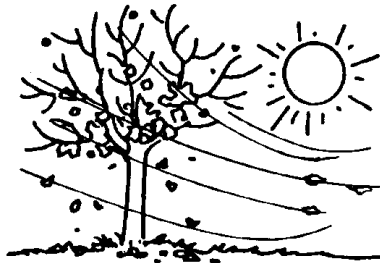


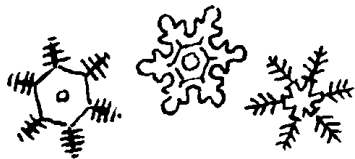
ACTIVITY

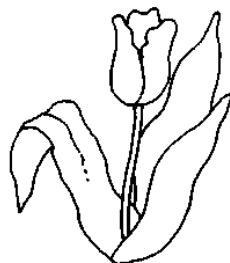
Making a Season Wheel

Write the names of the seasons.







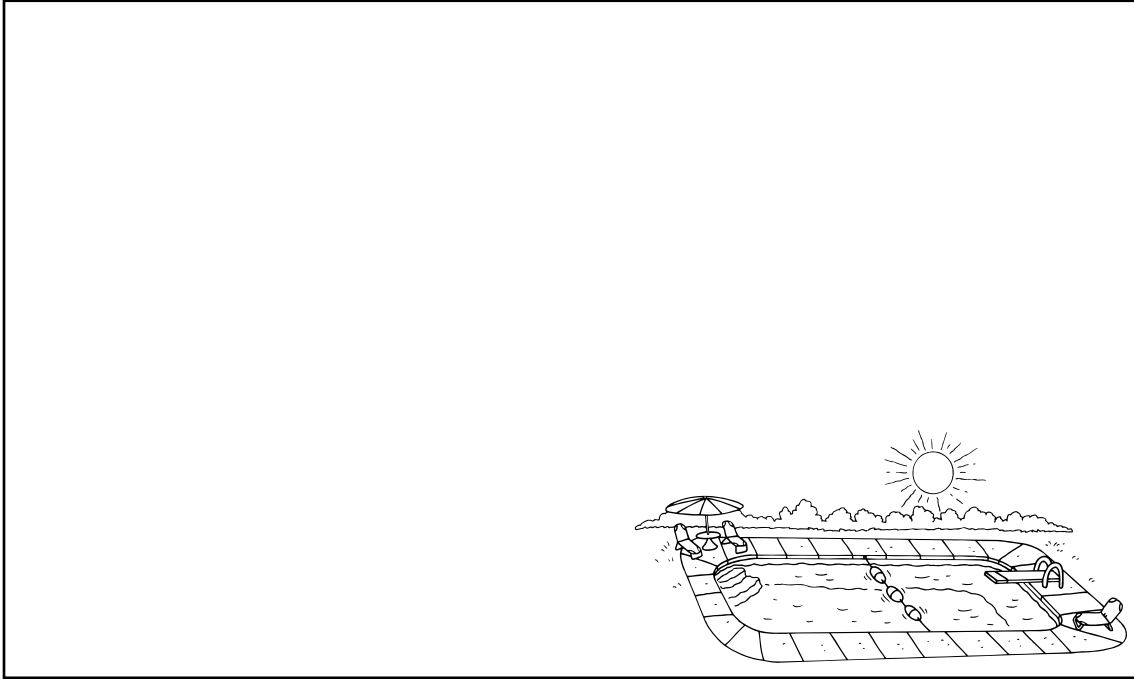


Activity Journal

Lesson 3 • The Seasons

Name _____

Draw one thing you do in summer.



Draw one thing you do in winter.

