

Temperature Hunt

In school, the children have investigated temperature and heat in a variety of experiments. This activity provides an opportunity for you and your child to explore temperature on the Celsius scale at home.



WHAT YOU NEED:

- thermometer

WHAT TO DO:

1. Choose five locations which you will explore. Record them on the chart. Take your child on a temperature hunt in your home identifying the locations where the highest and lowest temperatures may be found.
2. Ask your child to predict the approximate temperatures at these locations.
3. Have your child record the predictions on the temperature chart.
4. Help your child use the thermometer to find the actual temperatures in these locations. Put the thermometer on or in each location for two minutes. Record the actual temperatures.
5. Discuss how close their predictions were to the actual temperatures.
6. Which location had the lowest temperature? Which location had the highest temperature?
7. Do you think that the low temperature will remain the same for an extended period of time? Record the temperature at that location in the morning before school, and again in the afternoon when returning home. If you get different temperatures, how can you explain the differences?

Temperature Record Chart

Location	Prediction	Actual
	C°	C°
	C°	C°
	°C	C°
	C°	C°
	C°	C°

SUMMARY: Temperatures may differ from location to location and may change over a period of time.

EXTENSIONS:

Math Connection:

Choose a room in your house. Take the temperature in that room every hour on the hour for five hours. Record that information on a bar graph.

Related Excursion:

New York Hall of Science
47-01 111 Street
Corona, New York 11368
718-699-0301

Literary Connections:

- Simon, Seymour. *Weather*. Harpcollins Juvenile Books, 2000.
- Gibbons, Gail. *Weather Words*. Holiday House, 1990.

Related Web Site:

<http://www.beakman.com/interact/pole.html>