Data Collection Student Sheet
Feeling the Heat, Part 1

You will need:
IR Thermometer or a digital thermometer and 1 meter of string

Make a prediction:
Where will the temperature be the warmest? Write your prediction in the space below.

Collect data:
Your group will work at one of the locations that your class has decided to test. Describe the location and then record the temperature data you collect below.

What's this location like? (Describe in your own words.)

What's on the ground?

◯ Trees ◯ A garden ◯ Grass ◯ Soil ◯ Asphalt ◯ Concrete

Is there sunshine?

◯ *Sun* ◯ *Full shade* ◯ *Part shade*

Temperature data
(Record 5 temperature readings in Celsius in the space below. Then calculate the average of the 5 measurements.)

Measurement #1: _____°C
Measurement #1: _____°C
Measurement #1: _____°C
Measurement #1: _____°C
Measurement #1: _____°C

      AVERAGE: _____ °C
(Add the five numbers and divide by five.)

Compare your data with the data collected by other groups.

Where in your school yard was the temperature the warmest? Where was it the coolest? Why?