

# Feeling the Heat

## Data Collection Worksheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Make a Prediction:

Where in your school yard 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

(Take temperature readings in degrees Celsius and then record them in the space below. Then take 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 to get the average.)

### Look at the data collected by all groups.

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