

## Project Assessment

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

Grade: \_\_\_\_\_

### Activity: Find the Difference and Compare

As students most likely discovered, the soil temperatures change with soil depth. Ask students to compare the temperatures they recorded at different depths. At which depth is the soil the warmest? Which is the coolest?

Guide students in subtracting the coolest and warmest temperatures to determine the difference (in degrees).

How the Sun affects Soil Temperature To determine how direct sunlight affects soil temperature, guide students in measuring soil temperature one area that gets full sun (next to a brick wall is great!) and one area that is in full shade.

Students will note that the soil temperatures in the direct sun are typically much higher than in the shade.