

Daily Lesson Plan

(DLP)

Topic: Soil Temperature		Day: 1
Grade: 2-3	Lesson Name: Soil Temperature	Time : (60 Mins.)

Topic	Soil Temperature		
Weekly key words	Weather, thermometer, meteorology, etc.		
Seating plan	<input type="checkbox"/> Individual	<input type="checkbox"/> Pairs	Group of 4
Skill development	<input checked="" type="checkbox"/> Reading <input type="checkbox"/> Reflection <input type="checkbox"/> Other (Specify)	<input checked="" type="checkbox"/> Writing <input type="checkbox"/> Illustration	<input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Presentation <input type="checkbox"/> Collaboration <input type="checkbox"/> Observation <input type="checkbox"/> Research

Objectives: ➤ The students will be able to:	➤ Learn to determine soil temperature
Teaching Resources:	4-5 soil thermometers
Teaching Learning Strategies	
<p>Introduction: Oral Discussion: Activate the students' prior knowledge if they know about weather. Take their responses and give feedback.</p> <p>Methodology: Explain the following terms to the students.</p> <p>Weather: Weather is the condition of the air – things like hot or cold, windy, cloudy, wet. How it feels outside.</p> <p>Meteorology: The study of weather. Meteorologists study air, wind, rain to forecast weather.</p> <p>Thermometer: An instrument used to measure temperature. Heat causes liquid inside to expand and climb up the tube.</p> <p>Activity: What do students know about weather in each of our seasons? What months are hot, cold, warm, cool, snowy, or rainy? Write the seasons on the board and record the students' answers next to the season's name. What are average temperatures in the winter, summer, fall, spring? Include example temperatures next to descriptive words for the seasons like hot, cold, warm, cool. Explain to students that soil temperatures change in the seasons, just like air temperatures change. So when the air feels cold, the soil is cooling too. What seasons are</p>	

best for growing plants? What does it feel like outside during those months? Tell students that before gardeners plant, they often measure the temperature of their soils. Explain that we are planning on planting in the garden, but want to be sure the soil temperature is correct.

Soil Temperature:

Soil temperature has a significant role in helping to determine the rate of plant growth, and whether a plant will even survive. Draw the chart below on the board and explain it to students.

Soil Temperature	Conditions during growing season
Less than 40 F	no growth
40 F to 65 F	some growth
65 F to 70 F	fastest growth
70 F to 85 F	some growth
above 85 F	no growth

Wrap up (5mins.): Wind up the lesson by asking the students to share their understanding.

Home Assessment:

Revise the work done

Worksheet

Lesson Evaluation:

- Teacher was able to accomplish all aspects of the lesson well ☐
- Teacher was not able to do warm up activity ☐,
- develop lesson plan well ☐,
- do the learning activity ☐,
- do wrap up ☐,
- accomplish lesson objective ☐,
- manage time well ☐,
- manage class well ☐

Name: _____

Class: _____

Topic: Soil Temperature

Subject: Science

1. Define weather:

2. What is a thermometer?

3. What do you know about soil temperature?
