

Lesson Plan

Name: Martha Williams	Name of Unit: A Tree in Summer	Date: June 21, 2011	Grade Level: 4 (Math)
Objective	Procedures	Materials	Evaluation
<p>1. #4a. Student will estimate and measure a given object to the nearest eighth of an inch.</p> <p>2. #4d. Student will read and use a thermometer.</p> <p>3. #5b. Student will construct a bar graph</p>	<p>Opening: TW will guide students in a discussion about the seasons and weather. Teacher will explain that the seasons are a cycle, meaning they go around and around throughout each year. There are four seasons during the year, summer, fall, spring and winter. Trees, weather and the clothing we wear changes with every season.</p> <p><b>Whole Group:</b> <b>Modeling:</b> The teacher will:</p> <ul style="list-style-type: none"> <li>➤ introduce and discuss vocabulary words and definition               <ol style="list-style-type: none"> <li>1. <b>Thermometer</b>- an instrument for measuring temperature.</li> <li>2. <b>Fahrenheit</b>- customary units for measuring temperature.</li> <li>3. <b>Celsius</b>- metric system for measuring degrees.</li> </ol> </li> <li>➤ Show students a thermometer with both celsius and fahrenheit temperatures and the correct way to read it.</li> </ul> <p>Work Period: Students will work in small group to complete the following activities.</p> <p><b>Group 1:</b></p> <p>The student will:</p> <ul style="list-style-type: none"> <li>➤ record the temperature on their journal page</li> <li>➤ color in the mercury level on the thermometer to the correct degree.</li> </ul> <p>The teacher will review measurement to the nearest 1/8 inch.</p>	<p>Pencils Paper thermometer copies Writing journals Crayons Copy paper Five day weather forecast</p>	<p>Teacher Observation Oral Response Whole group discussion Think/Pair/Share discussion</p>

	<p><b>Group 2:</b> The student will measure the length and width of a number of leaves to the nearest 1/8 of inch. What observation can you make about the length and the width? (record response in journal) Teacher will review interpreting, comparing and constructing a bar graph.</p> <p><b>Group 3:</b></p> <ul style="list-style-type: none"><li>➤ Look in newspaper or on the internet (local station WXVT) for the five day forecast and construct a bar graph.</li></ul> <p><b>Group 4:</b></p> <p>Students will make a multi-tab with vocabulary words.</p> <p>Reteach</p> <p>The students will work in small group with the teacher. The teacher will help the students to read the thermometer and construct the bar graph.</p> <p>Enrichment:</p> <p>The students will play an interactive game on thermometer and graphs.</p> <p>Technology: <a href="http://www.internet4classrooms.com">www.internet4classrooms.com</a></p>		
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