

Monday 21.6.21 Temperature lesson 1

Lesson Objective

To be able to accurately read temperature in Celsius.

Lesson Approach

To begin this lesson, ask pupils if they know what we might use to measure temperature. Show them a thermometer used for measuring the temperature of water. Ask pupils what they know about a thermometer and talk about the mercury in and the markings on the thermometer. Relate the units on the thermometer to those on a weighing scale and compare the mercury to the pointer. Prepare two beakers, one with water from the tap and another with hot water. Ask pupils to predict what would happen if the thermometer is put in the beaker with hot water and what would happen if it is put in cold water.

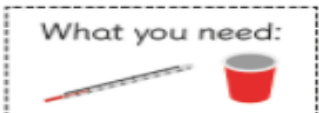
Put the thermometer in the hot water to show how the mercury expands to indicate an increase in temperature. Guide pupils to read and write the temperature indicated and introduce the sign degrees Celsius. Show them that the temperature is determined by counting the number of units from the main marking







Activity Time

Work in groups of 4.


- ① 3 cups of water will be given to you.
- ② Guess which cup of water is the warmest.
- ③ Measure the temperature of the water in each cup using the thermometer.
- ④

What you need:



Cup	Temperature
 A	 °C
 B	 °C
 C	 °C

The temperature is about 40 degrees Celsius.



Record in journals.