

My Backyard Stream

Temperature

What is Temperature?

You may think of temperature as how hot or cold it is outside, but water temperature can tell us a lot of things! There are two different units of measurement for temperature, Celsius and Fahrenheit. In the United States, we mostly use Fahrenheit, however, it is still good to know the Celsius measure too, as this is the unit scientist use. The temperature of a body of water can give us clues as to what lives there, the level of oxygen in the water, and some of the biological processes that take place in the water.

Did you know that cold water carries more oxygen than warm water? High temperatures can also increase the number of metals dissolved in our water.

Instructions

STEP 1

Remove the purple thermometer from the toolbox

STEP 2



Submerge the thermometer in the water for at least 90 seconds

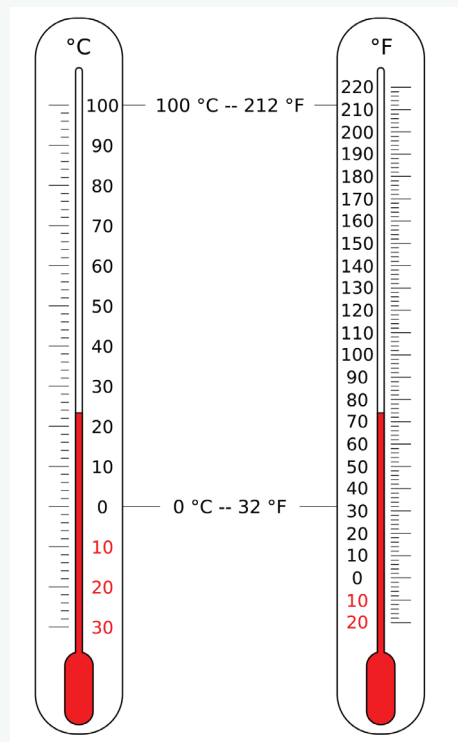
STEP 3

Record the temperature, be sure to indicate your unit (Fahrenheit or Celsius).

For more Information:

Jen Bowman, bowmanj2@ohio.edu

Key Terms:



Celsius °C

Scale of measurement of temperature where water freezes at 0° and boils at 100°

Fahrenheit °F

Scale of measurement of temperature where water freezes at 32° and boils at 212°



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