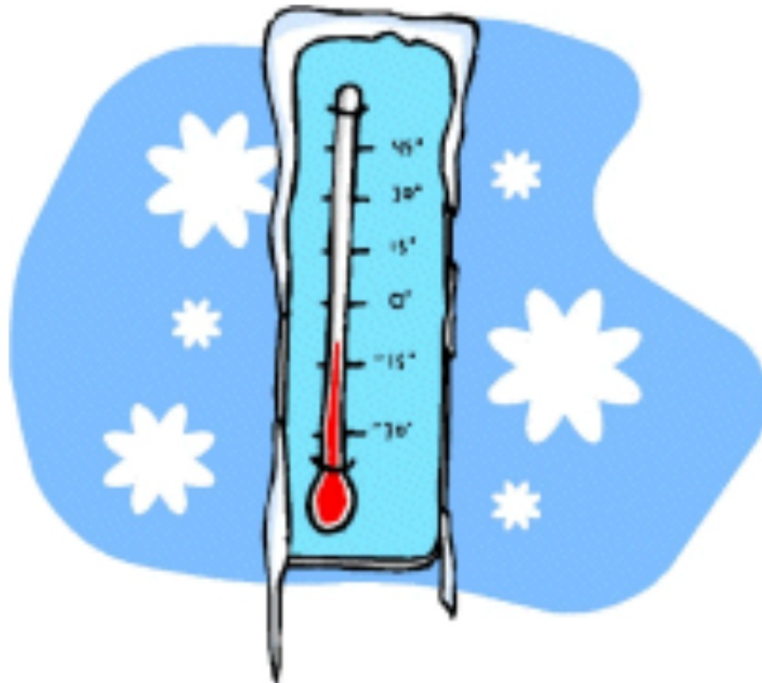


To measure temperature

Steps to Success:

- 1) I can use words to describe temperature
- 2) Say whether touch is a good way to measure temperature
- 3) Explain what temperature means



Vocabulary
Temperature
Hot
Cold
Warm
Water
Ice
Celsius °C

What is temperature?

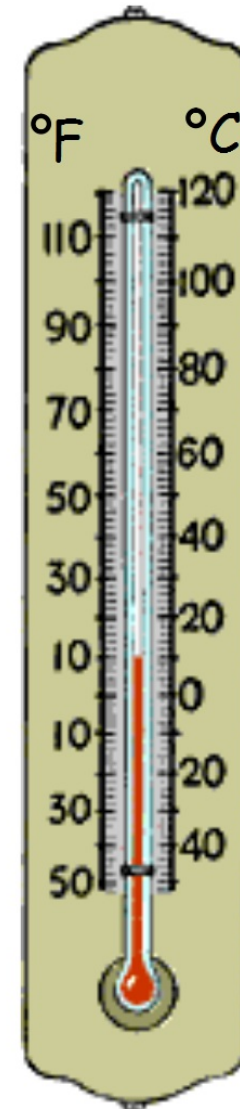
<http://chemconnections.org/Java/molecules/index.htm>
|

What is °F and °C?

How does a thermometer work?

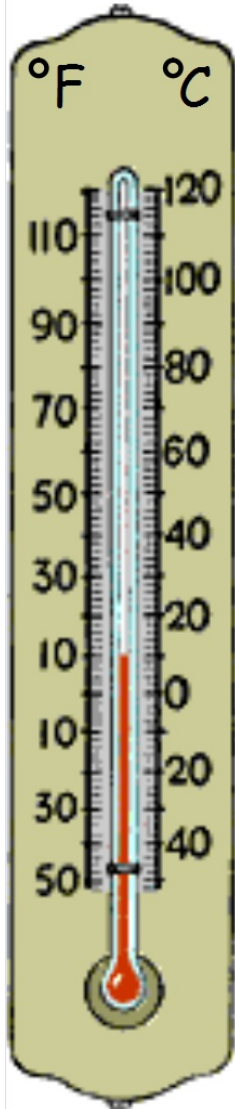
How do you hold a thermometer?

How do you read a thermometer?



To measure temperature

Try to measure to the nearest 5 °C



Measuring temperature - 1

■ Use a thermometer to measure the temperature of these things. Remember to write °C after the number to show that it is degrees Celsius. Find some more things and measure their temperatures.

What I am measuring	Temperature
(inside the classroom)	
Inside a jumper	
Wooly fabric	
room temperature water	
Warm water	
Cold water	
Outside (wait for a minute)	

Answer these questions:

1) Where there any surprises? What about the jumper?

Surprises: _____

The jumper was _____.

2) Can the temperature of the water be less than 0 °C?

3) Did everyone get the same measurements? Why?

Some measurements were different because _____

4) How can you change the temperature of something?

We can make temperatures warmer by putting things

_____.

We can make temperatures colder by putting things

_____.

Temperature Continued...

Answer these questions:

1) Were there any surprises? What about the jumper?

The jumper was _____
_____.

2) Can the temperature of the water be less than 0 °C?

_____.

3) Did everyone get the same measurements? Why?

Some measurements were different because _____

_____.

4) How can you change the temperature of something?

We can make temperatures warmer by putting things _____.

We can make temperatures colder by putting things _____.

