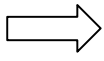


Name: _____ Date: _____



Testing Temperature Using a Thermometer

1. Draw and label thermometer in the rectangle. 
Show the temperature on your thermometer to be 16°C

2. Now explain in a few sentences how the thermometer works.
Use these words: *reservoir*, *liquid*, *coloured*, *scale*, *expands*.

Draw some of the places where you measured the temperature

Challenge: can you write the temperature next to each picture?



Name: _____ Date: _____



**An experiment to test:
the temperature of water heated using different colours and the Sun**

What I will do:

Equipment I will need:

A diagram of the experiment

What will you measure? _____

What will you keep the same to make it a fair test? _____




Name: _____ Date: _____



Results for:

The temperature of water heated by the Sun, using different colours

Record the temperatures of the water in this table.

Temperature in the 	Dark Container	Light Container
<u>Before</u> the Sun shone on our test tubes		
<u>After</u> the Sun had been shining on our test tubes		
What do your results show? _____ _____		

Challenge: How many uses can you think of for hot and cold water? (Draw or write your ideas)

Extension: Can you explain why using the Sun to heat water is good?

