

# Measuring Temperatures



# A thermometer is used to measure temperatures.



Soil thermometer



Medical thermometer



Dry-bulb, wet-bulb thermometer



Digital temperature indicator



Digital thermometer

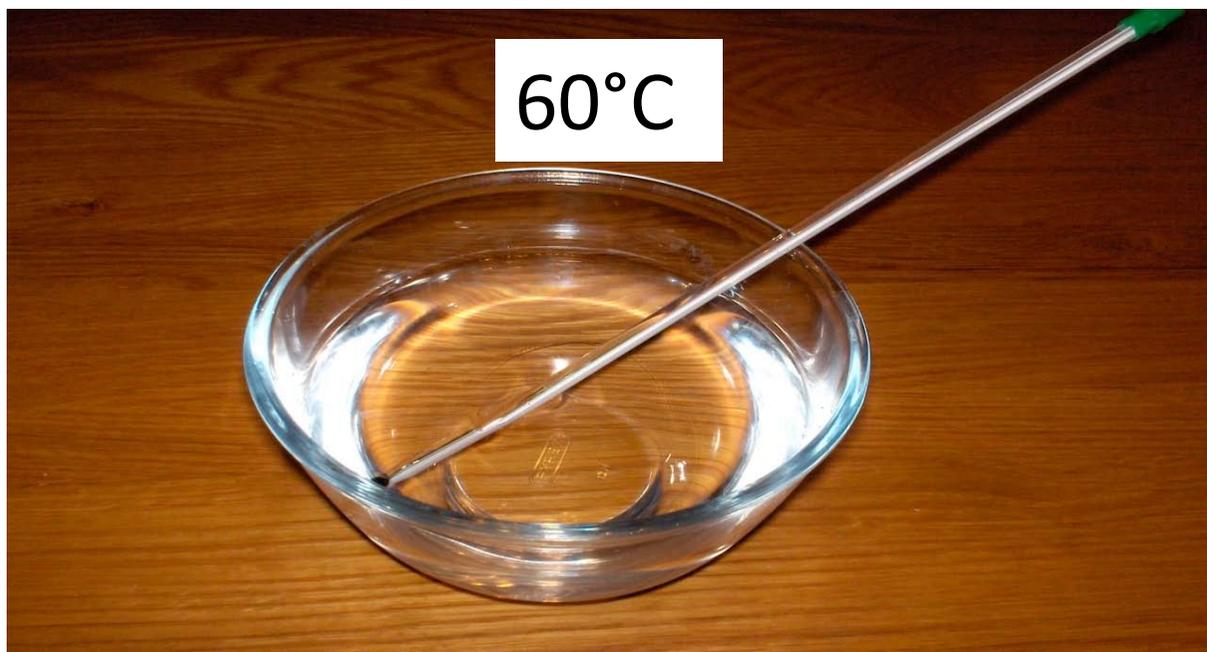
# How can we use thermometers safely?

- Which part of the thermometer would you hold when measuring temperatures?
- Why would it be unsafe to touch anything you are measuring with your fingers?
- Why do we need to handle thermometers carefully?

We can use a thermometer to measure temperatures.

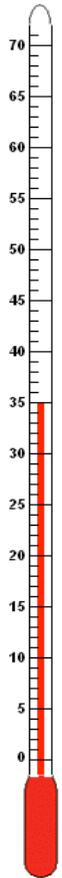


# Today's investigation

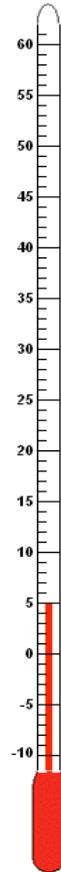


What do you think will happen to the temperature of the water in the container?

# Let's have a go at reading some temperatures



35°C



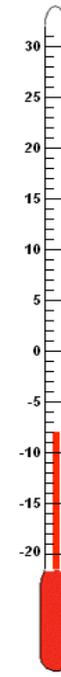
5°C



12°C



19°C



-8°C

# The temperature tells us how hot or cold things are.

Can you match the temperatures to the photos?



**21°C**

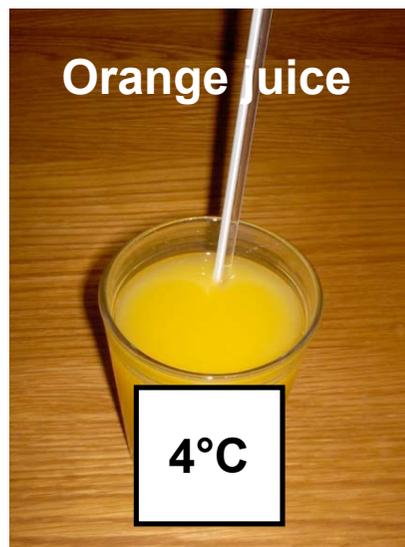
**80°C**

**-5°C**

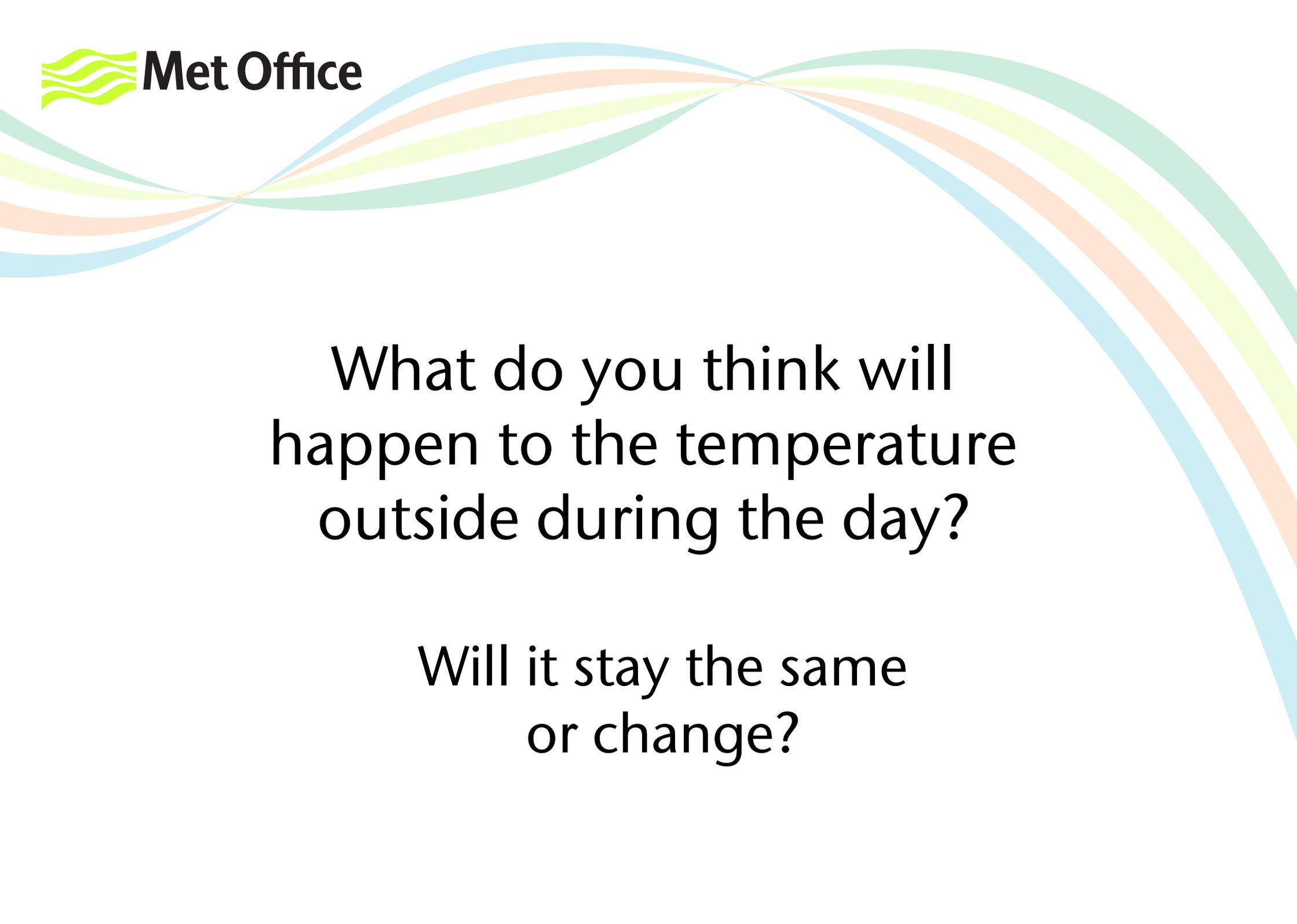
**4°C**

The temperature tells us how hot or cold things are.

Can you match the temperatures to the photos?



Did you get them all right?



What do you think will  
happen to the temperature  
outside during the day?

Will it stay the same  
or change?

# We can measure the outside temperature using a thermometer

Place the thermometer in the shade away from direct sunlight on a table or a wall.

If you have Stevenson screen place it there. The box is designed to let the air outside it reach the thermometers.



<b>Temperatures recorded at my school</b>						
<b>9am</b>	<b>10am</b>	<b>11am</b>	<b>12pm</b>	<b>1pm</b>	<b>2pm</b>	<b>3pm</b>