

# THE THERMO SHAPES

Exhibit 1 - Reading and using thermometers

- **Level of difficulty**  
Level 1

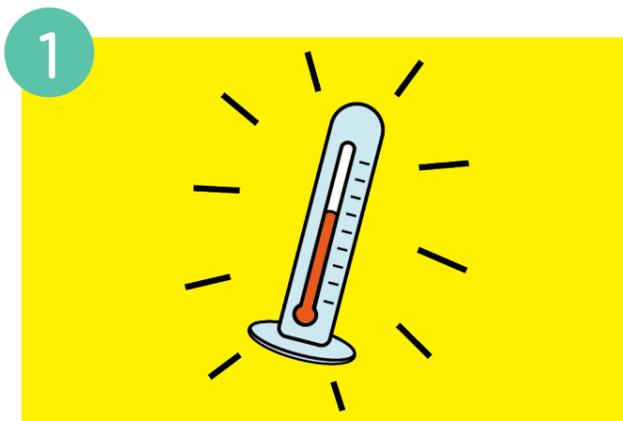
- **Duration of the activity**  
20 to 30 minutes

- **Number of participants**  
1/2 class or 16 students  
maximum

- **Mathematical concept**  
Temperature reading  
on a thermometer

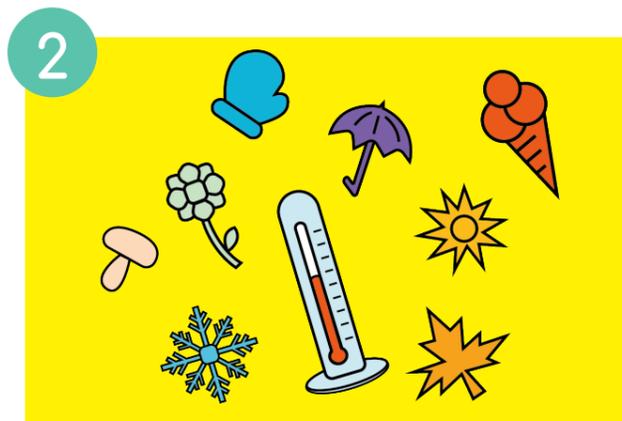
- **Inventory**
  - 8 thermometers
  - 8 object bases with different shapes that correspond to each thermometer

- **Skills worked on**
  - Reading the temperature on a thermometer
  - Classifying of thermometers:
    - . from coldest to hottest
    - . in the order of the seasonal cycle



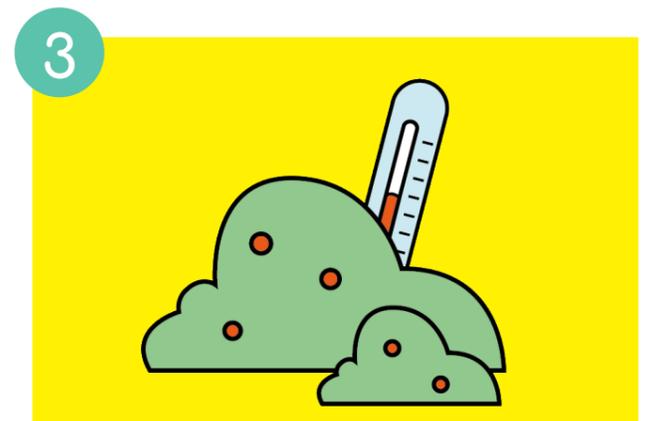
In pairs, find a thermometer hidden in the school playgrounds.

Once you have found the thermometer, go to the teacher.



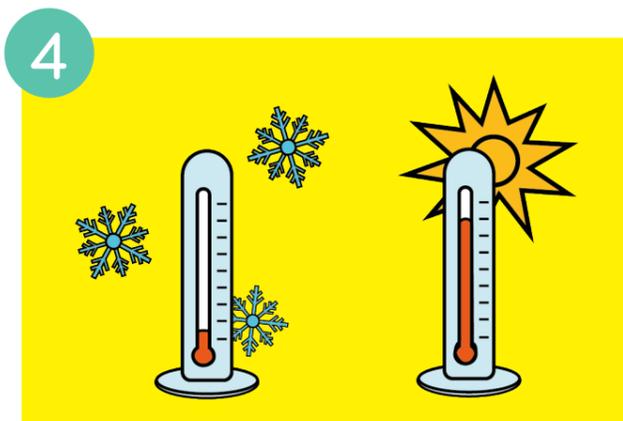
On the table in front of the teacher, thermometer bases are made available.

Match the thermometer to its base. (The objects represented on the bases symbolise a season.)

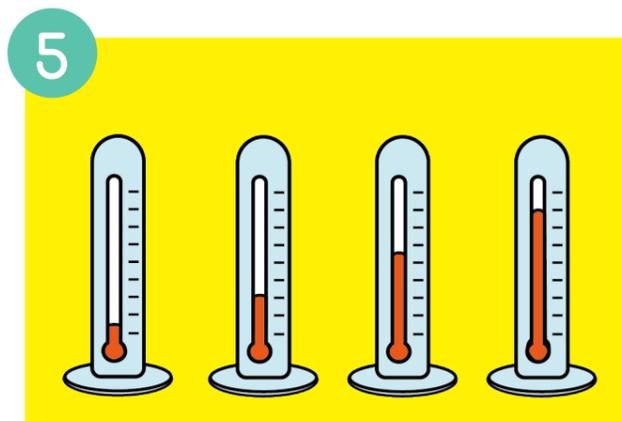


Take the thermometer back and hide it in the place where you found it.

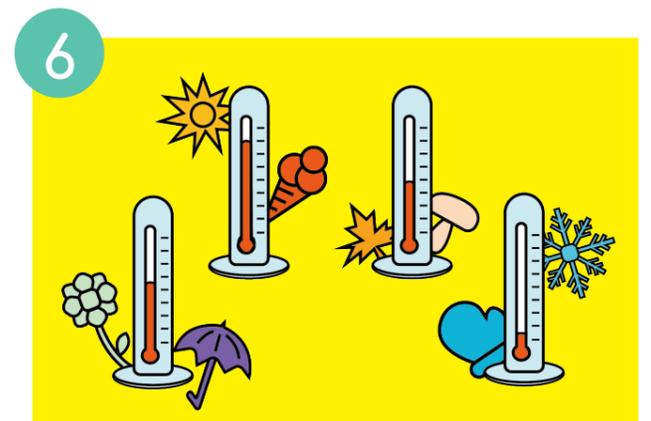
Repeat the two previous steps 4 times.



Make a temperature assessment with the teacher. (Cold - Hot)



Rank the thermometers from coldest to warmest.



Position the thermometers on their bases and classify them according to the seasonal cycle: Spring, Summer, Autumn, Winter. (The drawings of the bases symbolise each season in Western Europe.)

To Go Further  
Level 2

Use the same thermometers, adding numbers to indicate measurements in degrees Celsius (from -10° to 35°)

Learn more about the Recreamaths project at [recreamaths.eu](http://recreamaths.eu)