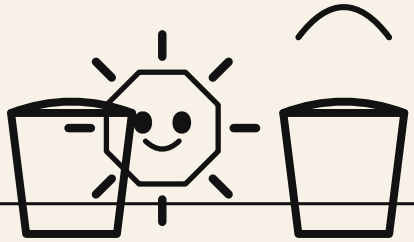
Warm from the sun

Two gentle tests you can do at home or in a garden, with an adult. They use only everyday things. Write what you notice. There is no prize for a “right” answer — only looking carefully.

Experiment 1 · Sun and shade

Take two similar cups and put the same amount of cold water in each (or two similar ice cubes on two saucers). Place one in the sun and one in the shade. Wait 20 to 30 minutes. Which is warmer, or which ice melts first? Why do you think that happened?



What I noticed: _____

_____

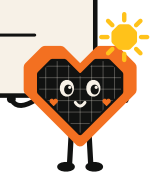
Experiment 2 · Dark and light

Find two similar stones, spoons, or squares of paper — one dark, one light. Leave both in the sun for 15 minutes. Then touch them carefully. Which feels warmer? Dark colours take in more sunlight; light colours bounce more of it away. That is also why many solar panels are dark.



What I noticed: _____

_____



Be careful with hot things. Never look straight at the sun. Wash your hands after being outside.