

7. Rising water

Topic: Heat and absorption

Objective: Students will observe how water is absorbed by heat and vacuum.

Vocabulary: bend, vacuum, absorb, heat

Materials:

- A glass cup
- A lighter
- A plate
- A match
- Some colour water
- A coin

Development:

- **Read and look at the pictures.**

Step 1. Take the match and bend it in half. Place the match on the plate and use the coin to keep it standing in the middle – make sure the head of the match is facing up.

Step 2. Pour the colour water on the plate – just enough to cover the surface of the coin.

Step 3. Take the lighter and light the match and place the glass on top of the match.

Step 4. Observe how the water starts to rise inside the glass.

Step 1.



Step 2.



Step 3.



Step 4.





Tell us...

Look and read. Write the words on the lines.

- | | | | |
|----|---|-------------|--------|
| 0. | to move from a lower position to a higher one | <u>rise</u> | heat |
| 1. | to take in or soak up by chemical or physical action | _____ | absorb |
| 2. | a flat, round piece of metal used as money | _____ | vacuum |
| 3. | a drinking container made of a transparent material | _____ | bend |
| 4. | to shape or force into a curve or angle | _____ | match |
| 5. | the quality of being hot; high temperature | _____ | coin |
| 6. | a circular item to eat food from | _____ | plate |
| 7. | a short stick made of wood with a special substance that burns at one end | _____ | glass |
| 8. | the action of sucking up substances like dust, dirt or water | _____ | |

Explain why the water went in.



Glue a picture of your project finished!

Rising water

Glue your
picture here
:)

1. What was your favourite part of the project? _____.

2. What, exactly, did you like the most?
_____.

3. Extra notes on what you observed during the project. _____
_____.

4. Can you see or apply the information from the project in real life? YES / NO
Explain: _____.

5. Was it easy to get the materials for the project? YES / NO
Explain: _____.

