

Hot Air Balloon

This is a great science activity to teach kids about warm and cool air. Kids will learn how and why air expands when it is heated up.

You will need –

- An empty bottle
- A deflated balloon
- Hot water

Directions –

- Take the empty bottle and stretch the balloon over the mouth of the bottle.
- Heat water in a pan. Place the bottle over the hot water; make sure the water is hot but not boiling.
- The balloon will start to expand.

Why did it happen? –

The air inside the balloon heats up. As warm air takes up more space than cold air, the balloon starts expanding. Warm air is also lighter than cold air which explains why the balloon will fly off if released from the bottle.

