

HOT AIR RISES

***ASK AN ADULT FOR HELP!**

WHAT YOU'LL NEED:

- EMPTY UNCAPPED PLASTIC BOTTLE
- BALLOON
- CONTAINER WITH HOT WATER
- CONTAINER WITH ICE WATER



1

CAREFULLY PLACE THE
BALLOON OVER THE TOP
OF THE WATER BOTTLE



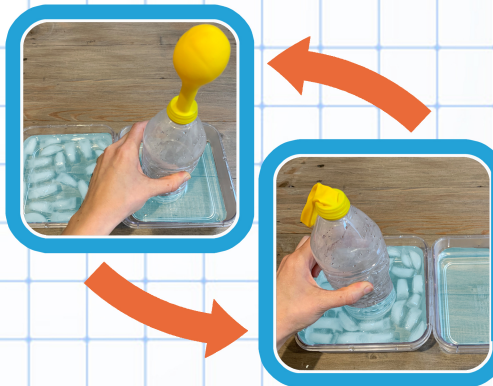
2

PUT THE BOTTLE INTO THE
HOT WATER, AND WATCH THE
BALLOON SLOWLY INFLATE!
HOT AIR IS RISING!



3

PUT THE BOTTLE INTO THE
ICE WATER, AND WATCH
THE BALLOON DEFLATE.
COLD AIR SINKS!



4

MOVE THE BOTTLE BACK AND
FORTH TO SEE IT INFLATE
AND DEFLATE!

TIP: MAKE SURE THE WATER IS HOT ENOUGH,
BUT IT DOES NOT HAVE TO BE BOILING. IF THE
BALLOON STILL DOESN'T INFLATE, TRY BLOWING
IT UP AND LETTING IT DEFLATE, AND THEN TRY
THE EXPERIMENT AGAIN.

