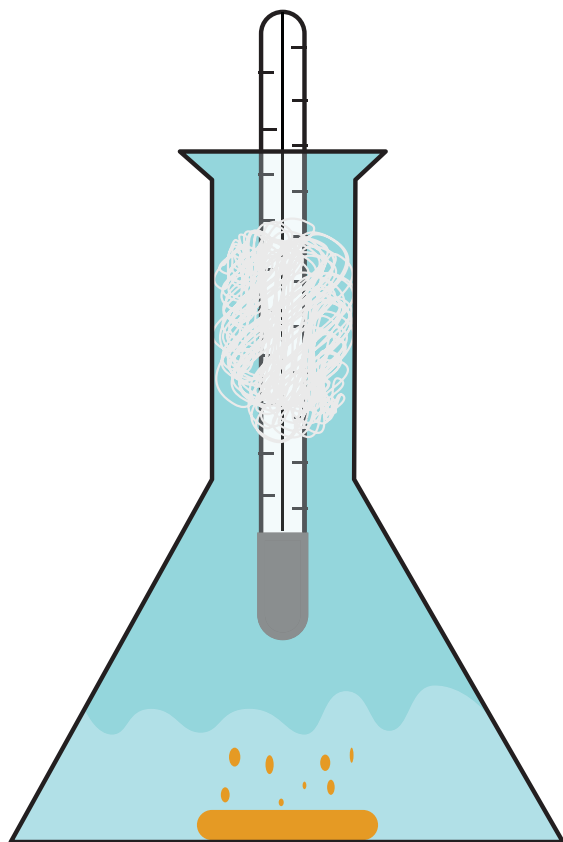


Greenhouse effect



①

Take 2 flasks, round or flat-bottomed.

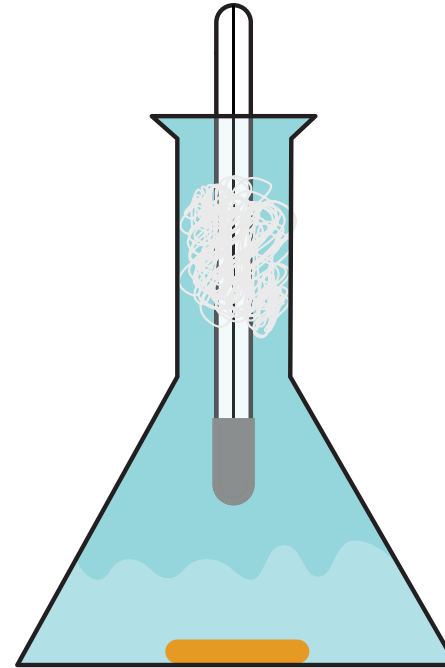
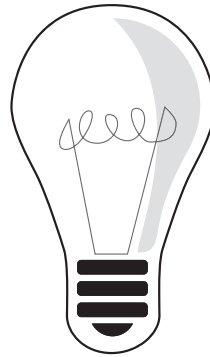
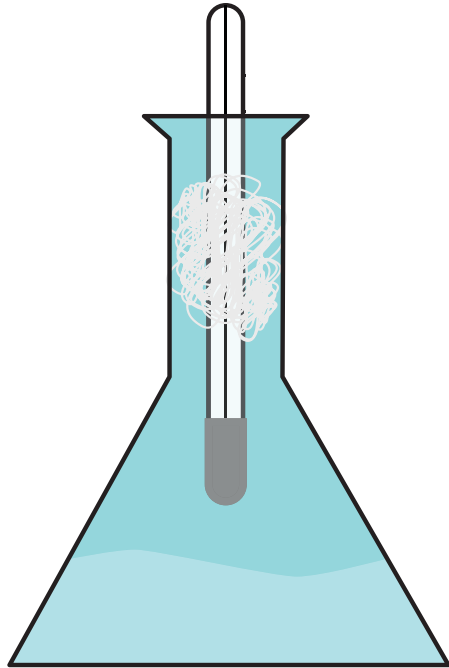
②

Put about 1cm of room temperature tap water in each.

③

Put an effervescent vitamin C tablet into one and seal both flasks loosely with a wad of cotton wool, placing a thermometer down the centre as shown.

Greenhouse effect



4

Place the flasks equal distances (about 20 cm) from a 100W light bulb.

5

Record the change in temperature with time. What is observed and why?