



Liquids and Gases



investigation 1

Fill one balloon with liquid and another with gas (air), but do not fill either up too much. Seal the balloons and try squashing them gently.

Do they hold their shape?

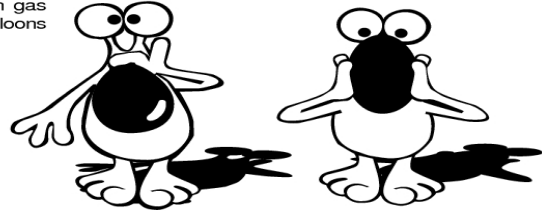
liquid YES/ NO

air YES/ NO

Can you change the shape easily?

liquid YES/ NO

air YES/ NO



Liquids and gases have no fixed shape.

investigation 2

All liquids evaporate, but different liquids evaporate at different temperatures and at different rates.

Which liquids evaporate at room temperature? Fill several measuring beakers with different liquids and leave on a window ledge.

type of liquid	volume after day 1	volume after day 2	volume after day 3	volume after day 4	volume after day 5
water					
milk					
salty water					
syrup					

On the back of this sheet draw a graph of your results and explain what you found out.

investigation 3

Which is the best shape for evaporating? Fill several containers with water. What must you do to make it a fair test? Which shape would you expect to be best? Why?

container	volume after day 1	volume after day 2	volume after day 3	volume after day 4	volume after day 5
cup					
beaker					
saucer					
plate					

On the back of this sheet draw a graph of your results and explain what you found out.

The container I think will be the best for evaporating.	The Result	Why ?