

Rules of the Phases of Matter Cases



Print instructions: Print double sided, flip on short edge and scale to fit printable area.

Investigation 2

Liquids and solids can pass through gases easily



(fold)

Investigation 4

Gas can be measured by mass, temperature and pressure



Investigation 1

Gas does not have a definite shape, but it does take up the space of the container that it fills



(fold)

Investigation 3

Gas is invisible to the eye but you can see things that gas can move due to pressure



Draw and label the paper towel, beaker, and the tub of water



Describe what happened to the paper towel

Draw and label the sandwich bag before and after it was filled with air

mass of baggie before ____g

mass of baggie after ____g

Using your picture, justify why air is matter

Draw and diagram what happened with the air, marble and beaker



Using your picture, explain what happened to the air in the beaker

Draw and diagram what happened to the liquid as it was poured into the beaker



Using your picture, explain what happened to the air in the beaker

Diagram the movement between the straw, the baggie, and the book



Diagram the movement of the straw



Diagram the movement of the air in water

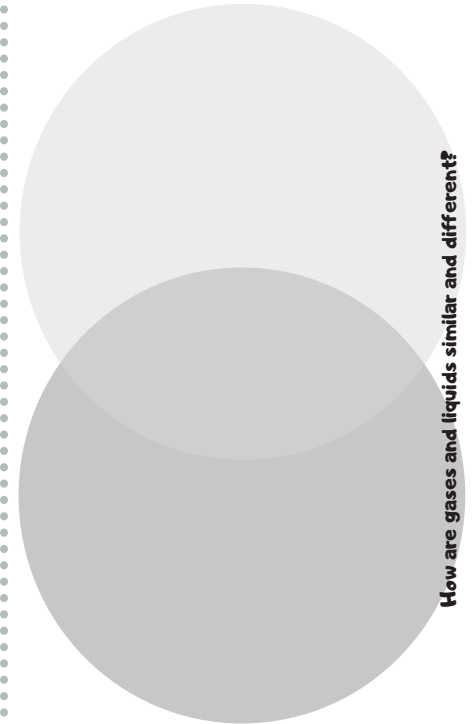


Using your pictures, justify why air is matter and air is a gas

Air Measurements

Mass	
Volume	
Temperature	

If air is invisible, how do we measure it?



How are gases and liquids similar and different?