

Water Glass



Predict: Read the instructions below and make a prediction on your worksheet

Fill a glass 1/3 with water and cover the top of the glass with card. Hold the card in place turn the glass upside down over a basin.



Take your hand away from the card!

Observe: Describe what you see happening on your worksheet

Explain: Try to explain your observations

What do you think the water and air particles doing?



Fountain Bottle



Predict: Read the instructions below and make a prediction on your worksheet

Half fill a 2 litre bottle with water. Seal the bottle with a lump of plasticine wrapped around a long straw. Blow air into the bottle...



... then stand back from the bottle!

Observe: Describe what you see happening on your worksheet

Explain: Try to explain your observations

What do you think the water and air particles doing?



Ping Pong Funnel



Predict: Read the instructions below and make a prediction on your worksheet

Put a ping pong ball in a funnel and blow hard.



Can you blow hard enough to turn the funnel upside down without dropping the ball?
Can you pick up a ball from the table by blowing?!

Observe: Describe what you see happening on your worksheet

Explain: Try to explain your observations

What do you think the air particles doing?



Squished Balloon



Predict: Read the instructions below and make a prediction on your worksheet

Blow a balloon up so it is just bigger than the opening of a jar. Light a small piece of paper towel on fire and drop it into the jar. Place the balloon on top.



When the fire goes out, lift up the balloon...

Observe: Describe what you see happening on your worksheet

Explain: Try to explain your observations

What do you think the air particles doing?

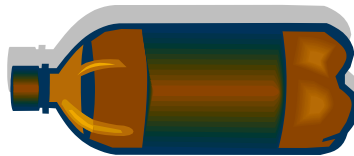


Million Pound Bet!



Predict: Read the instructions below and make a prediction on your worksheet

Take an empty bottle and lay it on its side.
Put a small ball of paper towel in the mouth of the bottle.



Can you blow hard enough to get the paper into the bottle?

Observe: Describe what you see happening on your worksheet

Explain: Try to explain your observations

What do you think the air particles doing?



Kissing Balloons



Predict: Read the instructions below and make a prediction on your worksheet

Blow up two balloons and attach a piece of string to each end.
Hold each balloon at nose level so they are about 15cm apart.



Blow hard between the two balloons...

Observe: Describe what you see happening on your worksheet

Explain: Try to explain your observations

What do you think the air particles doing?

