



Incredible Images



Draw a small picture on a piece of paper, for example a smiley face or star.

Then you will place an empty glass over the top of the picture, and look at your image through the side of the glass.







As you watch your picture, slowly fill the glass with water.

When the glass is full, you should cover the top of the glass with a saucer.

What do you predict will happen?

Try it out! Draw and write about what you observe.

Can you explain what happened? Use the words and phrases below to explain your ideas.

light 	bend 	picture 	glass 	water 	saucer 
travel	disappear	I think...	This is because...	I noticed..	This made...



Incredible Images



Draw a small picture on a piece of paper, for example a smiley face or star.

Then you will place an empty glass over the top of the picture, and look at your image through the side of the glass.

As you watch your picture, slowly fill the glass with water.

When the glass is full, you should cover the top of the glass with a saucer.

What do you predict will happen?

Try it out! Draw and write about what you observe.

Can you explain what happened? Think about refraction, and how light bends when it travels between air, glass and water.



Incredible Images



Draw a small picture on a piece of paper, for example a smiley face or star.

Then you will place an empty glass over the top of the picture, and look at your image through the side of the glass.

As you watch your picture, slowly fill the glass with water.

When the glass is full, you should cover the top of the glass with a saucer.

What do you predict will happen?

Why do you think this will happen?

Try it out! Draw and write about what you observe.

Can you explain what happened? Use your understanding of refraction to explain your thoughts.
