Incredible Images

I can investigate the effects of refraction.

I can understand the way refraction alters the direction of light.

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?

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Why do you think this will happen?

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

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

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