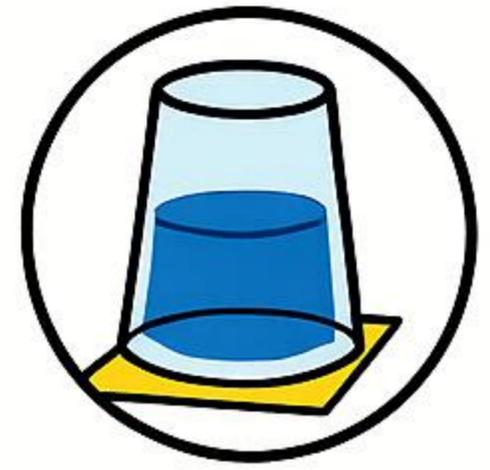


# Science at Home

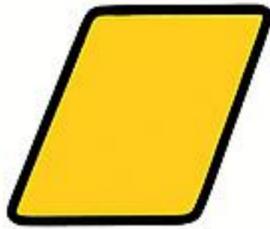
## THE MAGIC UPSIDE-DOWN GLASS



### What To Do:



Clear glass



Sturdy index card or thick paper



Sink or bowl

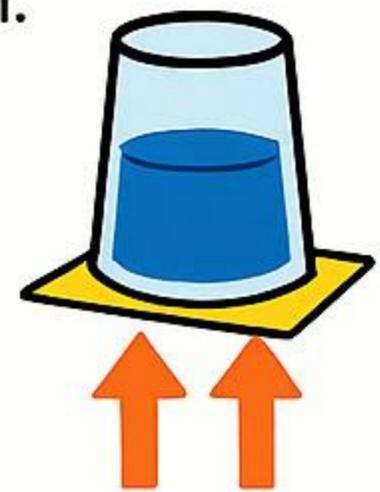


### What to Do:

1. Fill the glass with water all the way to the top.
2. Place the index card flat over mouth of, glass.
3. Press the card firmly, and carefully turn the glass upside down over
4. Let go of the card

### Why Did That happen?

Even though gravity wants to pull the water down, **air pressure** pushes up on the card with more force than the weight of the water pushing down.



### What Actually Happend?

Prediction:

### Think About It

1. What do you think would happen if the card was wet or torn?
2. What other things can air pressure do in everyday life.

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### Extension Activity (Optional):

Try using different-sized glasses or different types of paper.