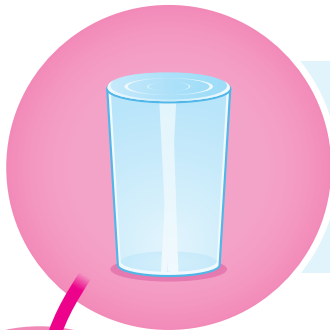




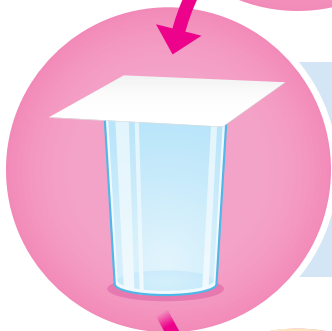
### AN AIR CANNON

# Invisible Force

Try this experiment. It demonstrates that air exerts a force. You need a glass and a card for this experiment!



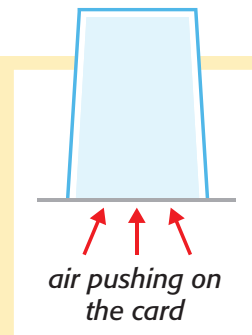
Fill the glass with water so that the water bulges out at the top of the glass.



Place the card on top of the glass. Make sure there are no gaps between the card and the rim of the glass.



While holding the card in place, quickly flip the glass upside down. Then let go of the card.



The card stayed in place even though there is nothing holding it. This is because air is exerting a force on the card.

