



Diver Challenge!

Challenge: Make a Cartesian Diver. Then upload your pictures to:
<https://surreyscouts.smugmug.com/upload/rJCRRm/science>

Equipment needed

2l plastic bottle

Drinking straw

Blu Tack



Cut 50mm off the straw and seal one end with blu tack.

Put a ring of blu tack round the other end of the straw so it floats vertically. Fill the bottle to the top.



Drop the straw onto the bottle and screw on the top. The diver should be floating at the top of the bottle. Squeeze the bottle and the diver should sink to the bottom.



Can you squeeze just enough to keep the diver halfway down?