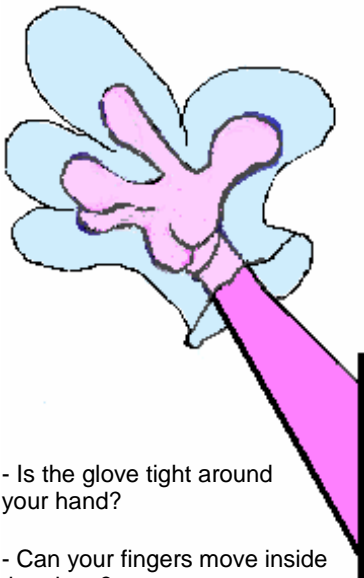


## Activity 10 : Water pressure

Put your hand into a glove

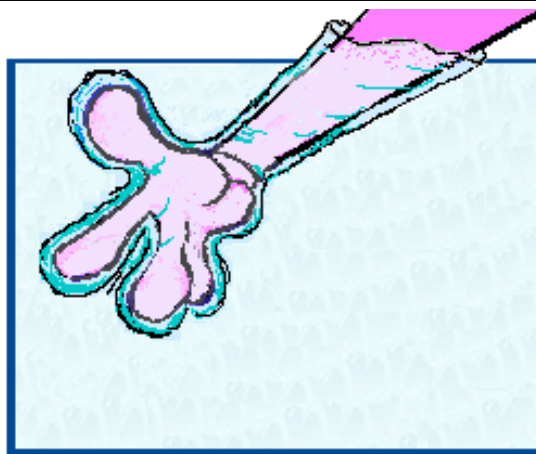


- Is the glove tight around your hand?

- Can your fingers move inside the glove?

Now, put your hand into the water :

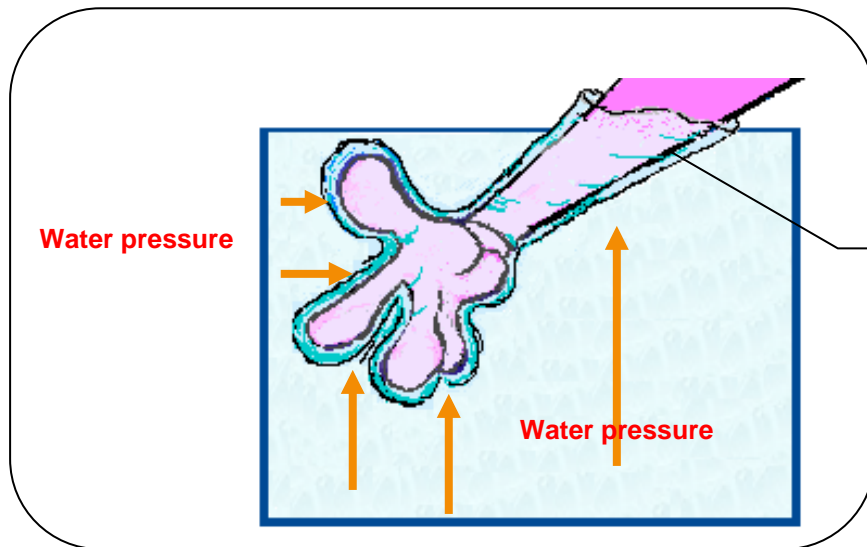
- What do you feel ?



- Is the glove tight around your hand?

- Can your fingers move inside the glove?

*I feel the pressure of the water...*



The glove is stuck to the hand.

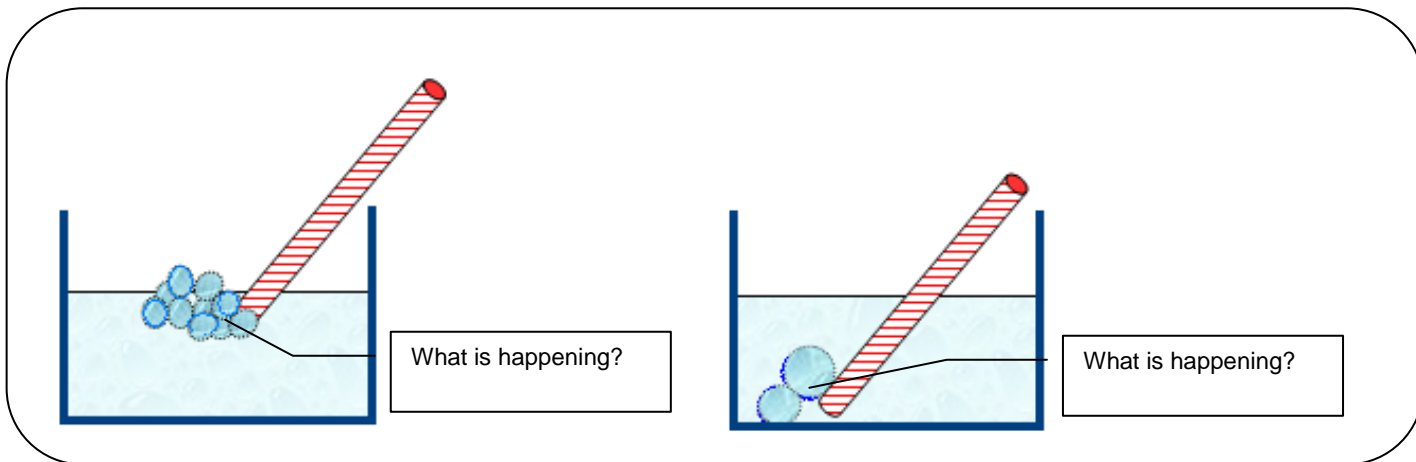
The water exerts a force on the glove and sticks it to the hand.

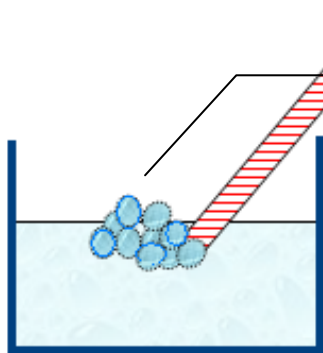
We feel the force, the pressure of the water, on the hand.

*Experiment 2: Is the water pressure the same everywhere in the tray...*

1. Blow with the straw on the surface of the water.

2. Blow at the bottom of the tray.

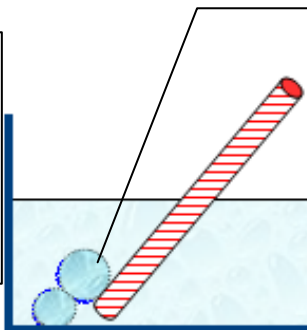




We can make lots of bubbles by blowing softly.

It's easy to make bubbles on the surface of water.

The bubbles appear "light"



You must blow harder to make bubbles.

It is more difficult to make bubbles at the bottom of the tray.

The bubbles are bigger and produce a muted sound.

They seem heavier.

**The pressure of water, the force of the water, is greater at the bottom of the tray than on its surface and it prevents air from escaping easily from the straw.**