

HELLO UNWIN

WATER COLOUR EXPERIMENT



WHAT DO WE NEED?

- Maple Syrup
- Water
- Oil
- 1 Bolt
- 1 Grape
- 1 Plastic cap
- A sponge



METHOD

- Firstly, pour a third of the cup with water.
- Secondly, add food colouring.
- After that, pour in another third maple syrup.
- Next, fill the last third with oil.
- Then, drop a metal bolt into the cup.
- After that, put a grape in.
- When you have done that, put a bottle cap in the cup.
- Finally, place a sponge on top of the oil.

PREDICTION

- What do you think will happen?
- Why?

RESULTS



- When water, oil and syrup are put together, they separate into layers.
- Oil forms a layer at the top with the sponge floating in it.
- Water forms a layer in the middle.
- Syrup forms a layer at the bottom with the bolt sitting in it.

<https://www.youtube.com/watch?v=Z50jEi1igNQ>

CONCLUSION



- The reason this experiment works is because the more dense (heavier) liquids go to the bottom and the less dense (lighter) liquids stay at the top.
- The bolt goes to the bottom for it is the heaviest object and the sponge stays at the top because it is the lightest object.

THANK YOU FOR LISTENING

Now let's have a look at the science webpage...

- <https://www.gardensuburbjunior.co.uk/page/?title=Science&pid=330>



**KEEP
CALM
AND
STAY RED**