

Questacon Science Squad Activity – Lava Lamp

The video for this transcript can be found on the Questacon Science Squad website at:

<http://sciencesquad.questacon.edu.au/activities/>

Transcription from video:

(Sound of bubbles popping)

Tim: Hi everyone, my name's Tim, I'm from the Questacon Science Squad and I'm going to show you how to make your very own lava lamp.

(Camera pans to the table).

You need:

- a plastic cup which is filled to about a quarter of the way with water
- some cooking oil
- some white vinegar
- some green food colouring and
- some bi-carb soda.

Once you have these things, you can take the vinegar and pour vinegar up to about halfway in the cup here. Pour it straight into the water.

(Tim pours vinegar into the cup of water).

And then take a splash of the green food dye, pour that in. There we go. Give it a good mix around.

(Tim splashes some dye in and then shakes the cup).

And pour oil on top until it reaches pretty close to the top.

(Tim pours oil into the cup).

So now the thing, all you have to do is take out some of the bi-carb of soda and sprinkle it on top of the oil.

(Tim sprinkles bi-carb in to the cup with a spoon).

Sprinkle a little bit more here as well.

(Tim sprinkles some more bi-carb soda into the cup).

And you can watch it bubble away.

(Camera zooms into the lava lamp).

If you want to find out how this lava lamp works head to the Questacon Science Squad website. See you next time.