

# Oil

Chanukah day 6



THE FRANCIS CRICK INSTITUTE

## Did you know...

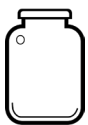
Oil plays a big role in Jewish life. It was used to bless holy things, the priests, some prophets and kings. Oil was also used to light the candles of the menorah and today many menorahs are still lit using olive oil to remember the miracle of the oil which happened during Chanukah. Chanukah's traditional oil based foods such as sufganiyot (doughnuts) and latkes (potato pancakes) remind us of the Chanukah miracles.

The Francis Crick institute has used oil to create a lava lamp! Their Family Zone website has tons of fun and inspiring science activities to keep your brains fizzing and your hands creating. [www.crick.ac.uk/familyzone](http://www.crick.ac.uk/familyzone)



## Let's make a lava lamp

### You will need...



Clear jar or plastic bottle



Vegetable or sunflower oil



Vinegar



Food colouring or poster paint



Baking soda

1 Add two tablespoons of baking soda to the empty jar.



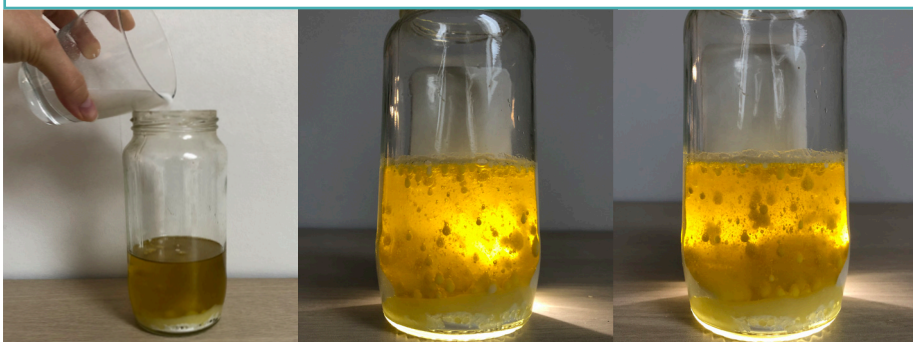
2 Carefully add the oil, stopping at least 3cm from the top.



3 On a separate glass, mix well 3 tablespoons of vinegar with food colouring or poster paint.



4 Pour the vinegar mix into the jar with oil, and wait for the magic to happen! Use a torch to shine light through.



Activity 6

# COMPLETED

When you are done, don't forget to colour in today's doughnut!

