

Jesus calms the storm Mark 4 v35-41

In this activity you will need:

- A small empty clear bottle or jar, approx. 250ml
- Approx. 100ml cooking oil
- Approx. 100ml water
- Food colourant preferably blue or red (I used black because that was all I had)
- A clever mum or dad to help you with the instructions if you need help.☺

1) Firstly, half fill the bottle with the cooking oil.



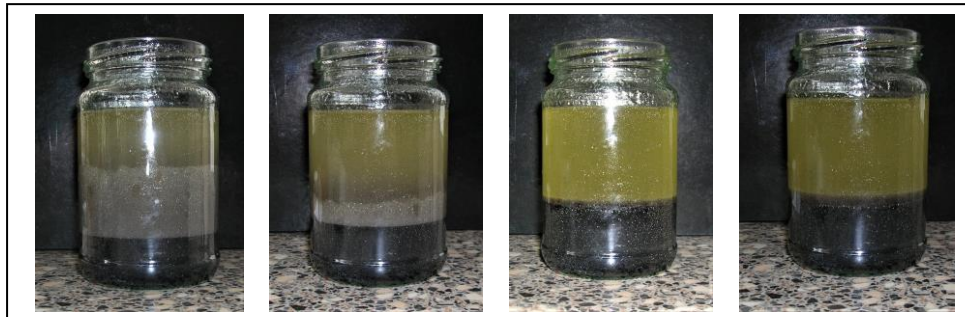
2) Now add a few drops of food colourant to the water and mix it together by stirring. Pour the water into the bottle.



3) Put the lid on the bottle and give it a good shake.



4) Watch the bottle to see how long it takes for the oil to become clear again.



5 minutes

10 minutes

30 minutes

60 minutes

The science that makes this work is that the oil and water don't mix very well. The food dye dissolves in the water so when the liquids separate the colour stays with the water.

The experiment reminded me of today's parable of Jesus calming the storm - at the start, the bottle was all mixed up and cloudy but then it became "calm".

It also reminds me that Jesus is light and separates us from the darkness. In Genesis chapter 1 v 4 it says "*God saw that the **light** was good, and he separated the **light** from the **darkness**.*"

And Jesus says in John 12 v 46 "*I have come into the world as a **light**, so that no one who believes in me should stay in **darkness**.*"