

Rainbow Jar Science Experiment



You will need:

- A tall, clear jar/container
- Honey
- Golden syrup
- Washing up liquid (bright coloured)
- Olive oil
- Surgical spirit
- Water
- Food colouring
- A dropper/pipette



The Activity

1. To start off, pour some honey into your jar, making sure you pour it into the middle of your container and that no honey touches the sides. Pour in enough to make a small layer at the bottom.
2. Colour your golden syrup using your choice of food colouring.
3. Pour the golden syrup into the jar, again, pour it into the middle of the container, avoiding the sides.
4. Add the washing up liquid on top of the golden syrup.
5. Choose a colour that isn't already in your jar and use food colouring to make water of this colour.
6. Pour the water in the middle of the jar, on top of the washing up liquid.
7. The olive oil goes in next, again being careful to just pour it in the middle of the jar. Pour in a generous amount of olive oil because it will act as a good divide between the water and the surgical spirit.
8. Finally, choose a colour that isn't already in the jar and colour the surgical spirit. Then, using your pipette, carefully drop the surgical spirit along the sides of the jar, so it sits carefully on top of the olive oil. Do not pour the surgical spirit.
9. You should now have 6 clear layers, all a different colours.
10. If you move the jar, be careful not to disturb the contents.