## Mixing Oil and Water

## What you'll need:

- Baby food jar with a lid
- Water
- Food coloring
- 2 tablespoons of oil (such as cooking, olive oil, etc.)
- Dish washing liquid or detergent


## Instructions:

1. Add a few drops of food colouring to the water.
2. Pour about 2 tablespoons of the coloured water along with the 2 tablespoons of cooking oil into the small soft drink bottle.
3. Screw the lid on tight and shake the bottle as hard as you can.
4. Put the bottle back down and have a look, it may have seemed as though the liquids were mixing together but the oil will float back to the top.
those greasy dishes, because the detergent takes the oil and grime off the plates and into the water, yay!
