

# Components of Blood: Experiment!

## Materials:

- Container
- Vegetable oil
- Water
- Red food dye
- Box of cereal
- Marshmallows

## Method:

1. Each student to get a container and fill it with vegetable oil, in proportion to how much plasma there is in the blood (1/2).
2. In a separate container, dye the water red and add cereal.
3. Add a proportional amount of red water with cereal to the container as there are red blood cells (1/2).
4. Add a proportional amount of marshmallow to the container as there are white blood cells (only a few).
5. Add a proportional amount of pipe cleaners to the container as there are platelets (only a few). What are the roles of each component of the blood? Why is human blood red? What is the substance that gives this colour? (Hint: haemoglobin)

