

# ART

## Included in your pack

- A cut-out photo of a person or people
- A small square or rectangle of foam board.
- If your photo is of a person or people in a sitting down pose you may also find a small triangle of foam board too
- A coffee stirrer
- Two or three squares of paper

## What you will need

- A pair of scissors
- A glue stick
- Some coloured pens or pencils
- Your imagination

## Step-by-step instructions

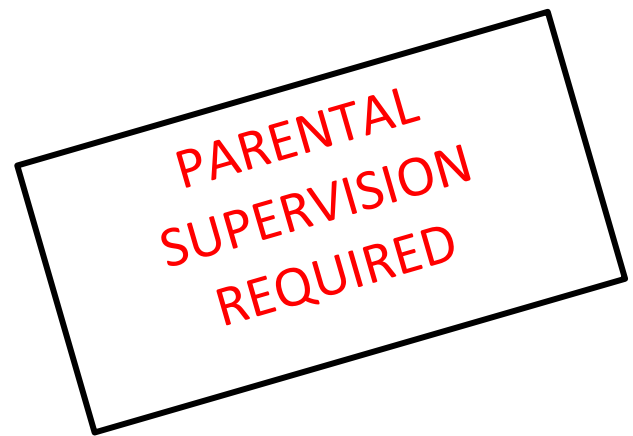
- Tape the placard to the coffee stirrer.
- Think about how your person will hold the placard and use a pair of scissors to make a small cut in the photo. You might also need a tiny bit of glue to help hold things in place.
- Once you've attached the placard to the person you should make a tiny slot in the foam board with your scissors so that the feet from the photo will fit in snugly
- This is where you might need to use the small triangle. If your person/people are sitting down you should attach the triangle to one side of the foam board so it stands up on its side.
- Once you've done that you can then attach the photo and it should look like they are sitting down comfortably



# BIOLOGY

## Included your pack:

- Pipette
- Wire loop
- Filter paper



## What you will need:

- Strawberry
- Fork
- Salt
- washing-up liquid
- teaspoon
- pineapple juice
- a tea-strainer or filter paper
- small clean glass
- 4 tablespoons of ice-cold alcohol

**Ahead of time:** Place the alcohol into the freezer to chill for about 30-60 mins

## Step-by-step instructions

1. Take a cup and place half a strawberry in it
2. Use a fork to mash up the strawberry until there are no large lumps left
3. Add a pinch of salt and a drop of washing-up liquid and mix together until a few bubbles appear
4. Leave for at least a minute. This gives time for the washing up liquid to do its magic
5. Pour about a teaspoon of pineapple juice into your mashed-up strawberry. Mix together gently
6. Leave for about a minute. This time, we need the pineapple juice do the hard work
7. Use a tea-strainer or some filter paper to filter the mashed-up strawberry into a small clean glass. Use the teaspoon to help the liquid through
8. Use a plastic pipette to suck up some ice-cold alcohol. Slowly dribble the alcohol down the side of the glass until there is an obvious layer sitting on top of the filtered strawberry
9. Wait about a minute, and you should see some white fluffy stuff rise to the top of the alcohol – THIS IS DNA! Try and hook some out using a plastic loop

