



## Equipment

- Black felt pen
- Coffee filter
- Scissors
- Pencil
- Ruler
- Water

# Colour Separation using Thin Layer Chromatography

## Instructions

1. Cut the coffee filter into strips about 1.5cm wide and at least 6cm long. Ensure the short edges are square.
2. Draw a pencil line across one short end, about 1-2cm above the edge.
3. Use the black felt pen to make a small dot in the centre of that line.
4. Add about 5mL of water to the plastic cup.
5. Place the line-end of the filter paper into the water, ensuring that the dot does not sink below the surface of the water. Your set up should look like the picture below.
6. Hold the filter straight in the water for about 2min, and watch what happens.

