

# FELT TIP PEN CHROMATOGRAPHY

## You'll need

Filter paper or paper towel

Felt tip pens

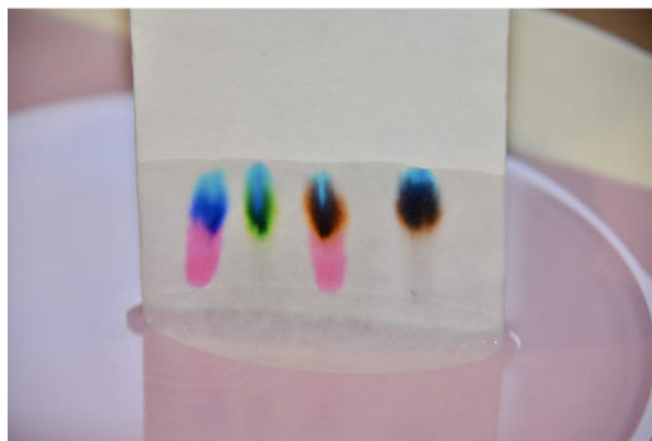
Scissors

Wide jar

Pencil

Peg

Water



## Instructions

Pour 1cm of water into the jar and cut the filter paper so it fits neatly inside.

Draw a small circle of ink with each colour pen about 1 cm from the bottom of the filter paper.

Use the peg to attach the top of the filter paper to the pencil and place on top of the jar so the pencil holds the filter paper in place.

Leave for about 10 minutes, remove the filter paper and leave to dry

## TOP TIP - Try a black felt tip pen!

## What's happening?

This separation technique is called paper chromatography. The coloured inks dissolve in the water and travel up the filter paper. Different colour inks travel at different speeds and over further distances.



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Adult supervision required. You are responsible for your own safety.

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