

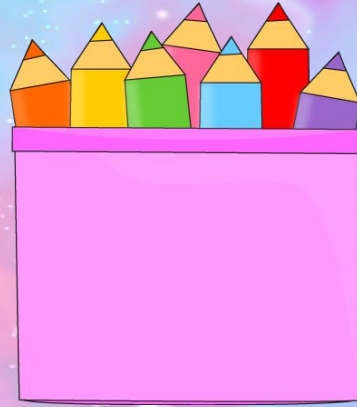


CREEPING COLOURS

By Siadbh, Sarah and Kate

What do we need?

- Scissors
- Coloured markers
- Filter paper.
- Jar
- Water



How do we do it?



- Cut strips of filter paper to fit in the jar
- Put strips of colour on the bottom of the page (Darker colours work best)
- Put the water in to the jar with two centimeters of depth

What did we learn?



As the water moved up the filter paper it dissolved the chemicals and carries it with them. Some chemicals are easier to absorb than others.

Separating chemicals like this is called **Chromatography**.

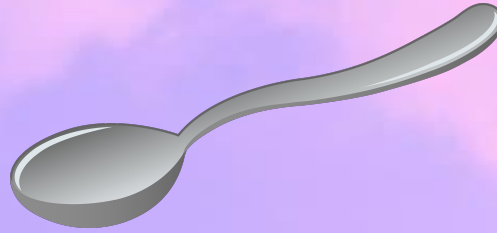
(this means that the chemicals have been taken apart)



DYING THINGS WITH RED
CABBAGE

What you will need ?

- 1\2 a red cabbage
- Knife
- Hot water(Use kettle or thermos flask)
- large bowl
- Spoon
- Dropper
- Cotton material
- Soap ,vinegar,lemon juice
- Bread soda,kitchen paper and newspapers



How will we do it?

- Cut up some red cabbage and put it in a bowl.
- Add some very hot water
- Take out the cabbage
- Place the cotton into the water
- Place the cotton on the tissue
- Dip the cotton into cold water
- Allow material to dry



What did we learn ?



We learned that red cabbage is an indicator.

It is one colour in an acid and another colour in an **Alkali**. An **Alkali** is a chemical the opposite of an acid.

Toothpaste is an alkali that neutralizes the acids that build up in our teeth. Indigestion tablets are **Alkali** that neutralises acids in our stomach.

*Does anyone have any
questions ?*



Thank You