

# Red Cabbage Indicator

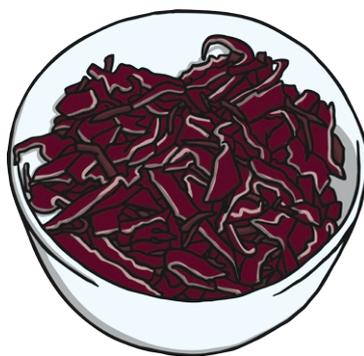
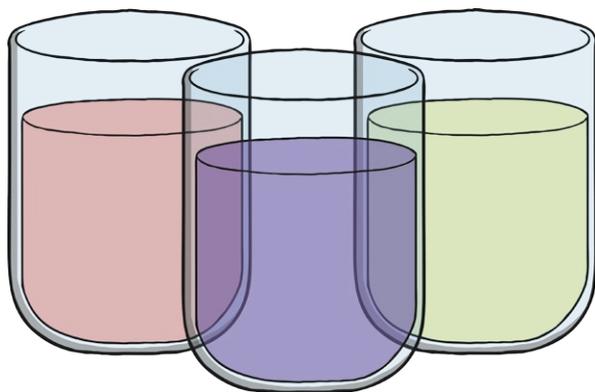
## Science Experiment



### Method

1. Chop the red cabbage into small pieces.
2. Place it in the glass bowl and cover it with boiling water.
3. Leave the cabbage to soften in the water until the water has become dark purple in colour.
4. Strain the water through the sieve or filter paper.
5. Add a few drops of the cabbage water to each of the glass jars and observe the changes.

The cabbage indicator should change to a pink or red colour in the lemon juice. It should change to green or yellow in the bicarbonate of soda mixture and remain a purple/blue colour in the water.



### You will need:

Red Cabbage

Knife

Boiling Water

Glass Bowl

Sieve or coffee filter paper and funnel

Dropper or syringe

3 small clear jars or glasses containing a small amount of:

1. lemon juice
2. water
3. bicarbonate of soda

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