

Colour changing cabbage experiment

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{youtube} [PKUwxQl0wlo](https://youtu.be/PKUwxQl0wlo) {/youtube}

In this video explains colour changing cabbage experiment. Make a beautiful colour changing liquid from cabbage juice, and explore the science of indicator solutions in this fun chemistry experiment for children.

Download the infosheet for more instructions and idea

Andy and his nephews Tom and Tom use chopped up cabbage to make a homemade indicator solution. They then experiment with different household liquids to see what colour changes occur. Their experiments with vinegar, bicarbonate of soda, eggs and anything else they can get their hands on show which liquids are acidic and which are alkaline.

Indicator solutions are important in chemistry, as they reveal useful information about the chemical compositions of other substances. In this experiment, acidic liquids turned the liquid red/pink, while alkaline liquids turned the liquid blue.

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Source: The Royal Institution