

Resources

## Watch this video to see the experiment in action:

https://www.youtube.com/watch?v=PCTlLdnT1bc

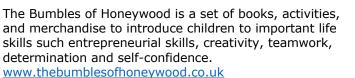
## Method

- 1 Chop 200 g of red cabbage
- Add the cabbage to 400 mL of boiling water and wait for 15 minutes
- Filter the cabbage out and keep the remaining liquid
- 4 Use the cabbage mixture to test the solutions on the next page and write down your answers!

e Science Bit

Acids and bases are all around us in daily life. In this experiment, we use a cabbage solution to find out which items in our kitchen are acids and which are bases. This is just one example of a detection kit. Whilst this kit can't detect American foulbrood, Professor Baillie's detection kit can!













Vinegar

Milk

Egg whites

## **Learning Outcomes**

**Baking soda** 

1 Learners will develop an understanding of why detection kits are important

2 Learners will develop basic knowledge of acids and bases

3 Learners will ...

Lemon juice DEEP PINK

Vinegar LIGHT PINK

Milk PALE PURPLE

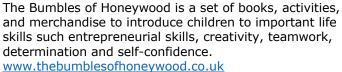
Egg whites GREEN/BLUE

Baking soda BLUE





**Test Solutions Answers** 











	Please leave some feedback about how you, and the children in your class, found the activity:	
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Evaluation		-
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The Bumbles of Honeywood is a set of books, activities, and merchandise to introduce children to important life skills such entrepreneurial skills, creativity, teamwork, determination and self-confidence.





