

# Magic Potion

12 Imagine you are a witch or wizard making a magic potion with  
15 this fun activity.

## 16 Materials:

20 • Small containers (test-tubes / pots)

23 • Pipettes or spoons

25 • Bicarbonate Soda

26 • Vinegar

30 • Food colouring / glitter (optional)

## 31 Method:

39 1. If you are using food colouring or glitter,  
44 add it into the container.

51 2. Pour in the vinegar, approximately filling to  
57 the half-way point of the container.

65 3. Using a spoon, sprinkle in the bicarbonate soda.

73 4. Watch the 'magic' potion fizz, pop and bubble.

## 75 The Science:

83 Fizzing will happen because a neutralisation reaction occurs  
93 between the acidic vinegar and the alkaline bicarbonate of soda,  
96 releasing carbon dioxide.

## 97 Extension Ideas:

109 Try adding a little washing up liquid as this should thicken the  
118 bubbles, or experiment with different colours and amounts of  
123 bicarbonate of soda and vinegar.



# Quick Questions



1. Which ingredient must be added to the potion first?

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2. Find and copy a modal verb.

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3. Why are food colouring and glitter 'optional'?

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4. How does the layout help the reader?

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5. In the final step, why does the author use inverted commas around the word 'magic'?

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