



### Indigestion investigation

Your teacher will give you some indigestion powders to test. You will find out which one neutralises an acid most effectively. You will not be using a strong acid. Write up your investigation. Use the questions here as a guide. Use the spaces to write your ideas before you complete your written work.

**1** What are you trying to find out?

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**2** Give a brief outline of what you will do. Include the equipment will you use.

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**3** What safety measures will you take?

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**4** Which variable will you change?

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**5** Name at least **two** variables that you will keep the same.

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6 What will you measure?

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7 Now perform the experiment and complete the results table.

Powder	Number of spatulas used to neutralise the acid			Mean
	1st try	2nd try	3rd try	

8 What did you find out?

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9 Do you have enough evidence to be sure? Explain your answer.

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10 How could you improve your investigation?

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