



Testing Toothpaste



Test your invented toothpaste with real brands of toothpaste. Which one will clean the best?

You will place the same amount of each toothpaste onto the same type of toothbrush, then use each toothpaste to brush a stain off a tile.

How will you measure how effective each toothpaste is at cleaning the stain off? Tick your answer.

1. Brush each stain 5 times, then record how well each stain was cleaned off.
2. Count how many brushes it takes to clean the stain off.

List the toothpastes you will compare:

Which toothpaste do you predict will be the best at cleaning the stain off?

Now carry out your investigation and gather your results.

The way your results look will depend on which method you have chosen. Choose the table which matches your method, and complete it with your results.

1.

Toothpaste	Description of the stain after brushing 5 times

2.

Toothpaste	How many brushes it took to clean the stain off



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Look at your results. Which toothpaste was most effective at cleaning off the stain?
Was your prediction right?

How did your own invented toothpaste perform? Was it better than any real brands?



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You will place the same amount of each toothpaste onto the same type of toothbrush, then use each toothpaste to brush a stain off a tile.

How will you measure how effective each toothpaste is at cleaning the stain off? Ideas include brushing the stains 5 times then describing how clean they are, or counting how many brushes it takes to clean each stain off. Write your method below.

List the toothpastes you will compare:

Which toothpaste do you predict will be the best at cleaning the stain off?

Why do you think this toothpaste will be best?

Now carry out your investigation and gather your results.

The way your results look will depend on which method you have chosen. You will use a table, and list the toothpastes in the first column. The second column will depend on your method. It may be 'Number of brushes', or 'Description of the Stain'. Fill in the table with your results.

Toothpaste	



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Look at your results. Which toothpaste was most effective at cleaning off the stain?
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List the toothpastes you will compare:

Which toothpaste do you predict will be the best at cleaning the stain off?

Why do you think this toothpaste will be best?

Now carry out your investigation and gather your results.

The way your results look will depend on which method you have chosen. Fill in the table with your results.

Toothpaste	

Look at your results. Which toothpaste was most effective at cleaning off the stain?
Was your prediction right?



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How did your own invented toothpaste perform? Was it better than any real brands?

Why do you think your toothpaste performed the way it did?
