

Which is the best toothpaste?

Y4 Science Investigation



Equipment required

Several white tiles

Shoe Polish

Various brands of toothpaste

Small brush

Which is the best toothpaste?



STEM
GENERATION CHARITY

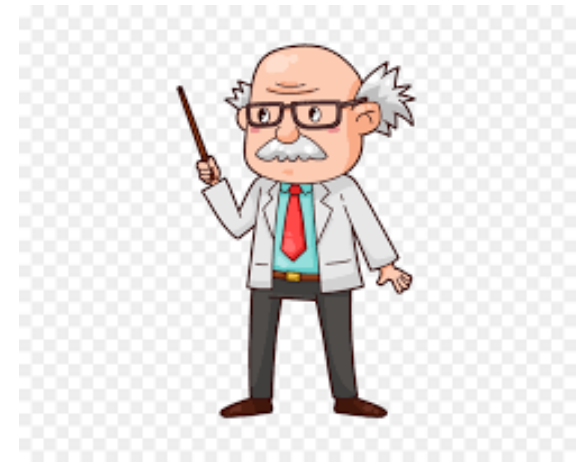
We want to find out which of 5 toothpastes is the best one.

Try to think how we can find out.

Talk with your friends and see if you can come up with an idea.

Your ideas.

Tell the rest of the class your idea for your investigation and decide who in the class has the best idea.



Which is the best toothpaste?

Make a prediction

I think the best toothpaste will be:

Because:



Which is the best toothpaste?

Doing the experiment

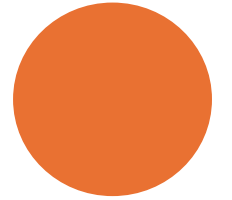
- Take a white tile to act as the enamel on our teeth.
- Cover the tile with a thin film of shoe polish and divide into five strips.
- Put a small amount of the first toothpaste on a brush and brush the first strip.
- Clean the brush.
- Put a small amount of toothpaste on the brush and brush the second strip.
- Repeat with all the strips.



Which is the best toothpaste?

Questions you need to answer

To make it a fair test what must we do?



Which is the best toothpaste?

What now?

Repeat the experiment a number of times. Do you always get the same result? If not, why not?

