

Thursday 4<sup>th</sup> February 2021

O LO: Can I record the results of my eggshell experiment and evaluate how successful my experiment was?

O LO: Can I consider what I have learnt about how we should care for our teeth from this experiment?

In the lesson today, I would like you to check your eggshell experiment from last week. Think about the different drinks and liquids that you dipped the eggs into and think about how the eggs have changed. Is it that they are now stained? Have the egg shells cracked? Has there been no change at all? What happened to the egg that was covered in toothpaste before you placed it into the liquid? Make notes on all of the observations and changes you can see that have happened to the eggs and why that might be (e.g. one of the drinks you have used may have had a high sugar content, therefore, it could have caused more damage to the egg).

Then, evaluate your experiment. When we evaluate, we look at the positives of the experiment (what went well) and the areas that we could improve it if we were to carry it out again. Was it a success and why might that be? Are you able to compare the results you have found? Was your test fair? Did you think about and set independent, dependent and controlled variables? Finally, think about what the experiment tells us we should do to care for our teeth.

Results (what I have found out):

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Evaluation (strengths of my experiment and how could I improve it?)

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