

















Animals Including Humans: Tooth Decay Enquiry Part 2

<p>Aim: To make systematic and careful observations by observing the changes that occur in their enquiry or test.</p> <p>To use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions By presenting findings, making predictions and raising questions about results.</p> <p>I can make careful observations, appropriately record my results and use them to develop further investigations.</p>	<p>Success Criteria: I can make systematic observations.</p> <p>I can record my findings using appropriate scientific language.</p> <p>I can use results to make predictions for new values and/or raise further questions resulting from my enquiry/test.</p>	<p>Resources: Lesson pack Liquids – water, milk, orange juice, apple juice, coke Hard-boiled eggs Containers Measuring jugs (Any other liquid or equipment that the children suggested on their Tooth Decay Scientific Enquiry Activity Sheets) Completed Tooth Decay Scientific Enquiry Activity Sheet - 1 per child</p>
	<p>Key/New Words: Erode, erosion, test, practical enquiry, fair test, comparative test, time intervals, observe, record, scientific language, conclusion, prediction, questions.</p>	<p>Preparation: Tooth Decay Recording Activity Sheet - 1 per child. Tooth Decay Reporting Activity Sheets - 1 per child.</p>

Prior Learning: Children will have selected and planned their enquiry in lesson 4.

NB: The actual observation and recording will need to be over the course of several days for the children to see any effect, therefore this lesson will need to be taught in more than one part over more than one day. Also containers with milk will need to be kept in fridge to avoid the milk spoiling.

Learning Sequence

	<p>Corrections: Children given their completed Tooth Decay Scientific Enquiry Activity Sheets. Do you need to make any corrections before conducting your enquiry/test? Children given time to amend activity sheets as a group.</p> <p>Tooth Decay Scientific Enquiry: Ensure that all equipment needed is out. Children to collect what they need, follow their instructions and set up their enquiry/test. (Depending on space and equipment it may be that some groups need to set up their enquiry/test together as they are trying to answer the same question or using the same liquids. This can also be done as a whole class enquiry.)</p>	
	<p>Observations: Why do we need to make careful observations and record them accurately? What would happen to our results if we did not do this? Model how to record an observation and the use of terms like erode/erosion. Answer any questions children may have about making observations. Give children the Tooth Decay Recording Activity Sheet to record their first observation.</p>	
	<p>Recording Observations: Over the course of the next 5 days children to record their observations of the eggs on the Tooth Decay Recording Activity Sheet.</p> <p>  Record Observations.  Record observations and label them.  Record observations and label them using scientific language. </p>	
	<p>Reporting Findings: Model how to write a simple conclusion to the whole class, make new predictions based on findings to the MA and HA, and how to raise a further question to the HA. Children complete the differentiated Tooth Decay Reporting Activity Sheets.</p> <p>  Children write a conclusion about their findings.  Children write a conclusion and make predictions based on their findings.  Children write a conclusion, make predictions based on their findings and raise further questions. </p>	
	<p>Changes: What have you learnt from your enquiry/test? What would you do differently next time? Children feedback what they have written on their Tooth Decay Reporting Activity Sheets.</p>	

Taskit

Inventit: Create a new drink that is good for your teeth. Draw it and write a short description of the drink and why it's good for your teeth.

Posterit: Create a poster based on your findings including what they should and should not drink to keep teeth healthy.

Researchit: Find out about the history of false teeth answering questions on **False Teeth Facts Activity Sheet**.