

Week beginning 23rd March

LO: to explore tooth decay



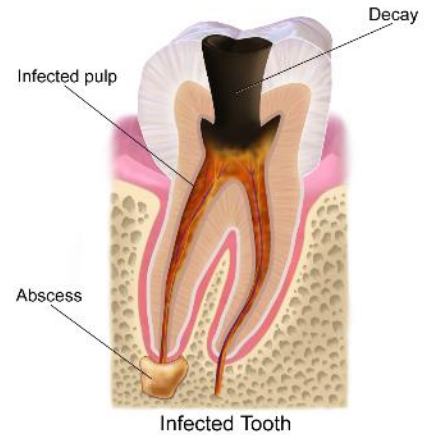
I worked independently

I worked with an adult

I worked with a friend

Last week in science you told me the differences between teeth in different animals based on their diet.

Now we're thinking about your teeth! How do you keep them healthy? What happens if you don't brush your teeth?



This is the inside of an infected tooth. →



Your mission: Conduct an experiment to find out what happens to teeth in different drinks. Use the sheet on the next page as an idea. Choose 2 or 3 drinks to compare.

Make sure that: There is the same amount of liquid in each container.

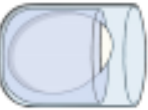




What else do you need to make sure of in your fair test?

Instead of using real teeth in this experiment you could use a boiled egg! This is because egg shell is made of a similar material to our teeth. If you want to be really brave and ask the tooth fairy for one of your old wobbly teeth back then that's your choice but remember it might never be the same again!



Tooth Decay Prediction Diagram

Draw what you think will happen to the shell of the boiled egg if it were to be placed in the following liquids:

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
 water	→	→	→	→	→	→
 cola	→	→	→	→	→	→
 orange juice	→	→	→	→	→	→
 apple juice	→	→	→	→	→	→
 milk	→	→	→	→	→	→

Tooth Decay Recording

Observe carefully and record what is happening to the hard boiled eggs each day:

Day 1	Day 2	Day 3	Day 4	Day 5
↓	↓	↓	↓	↓
↓	↓	↓	↓	↓
↓	↓	↓	↓	↓
↓	↓	↓	↓	↓
↓	↓	↓	↓	↓



Tooth Decay Reporting

Look at the observations you made on your **Tooth Decay Recording Activity Sheet** and complete the following:

Was your prediction correct? _____

Conclusion (Write here what you found from your observations, what effect the drink(s) had and what you have learnt from the enquiry/test.)

What would you do differently next time?

False Teeth Facts

Research and answer the following questions:

When do people use false teeth?

Who first invented false teeth?

Write down three fun facts about false teeth that you have learnt from your research:

1.

2.

3.
