

IPC – Chocolate Week 4

History Task 1

This week we will be learning about the ***History of Chocolate***.

Research: Watch these videos to help you to understand the history of chocolate.

https://www.youtube.com/watch?v=VE_lhU8SFTw

<https://www.youtube.com/watch?v=ibjUpk9lagk>

<https://www.thoughtco.com/culture-of-the-cocoa-bean-1991768>



Then answer these questions using full sentences:

1. What was chocolate?

2. Who made it and how was it made?

3. Who drank it and on what occasions?

4. Why did Spanish explorers not like the taste?

5. How was it different to the chocolate we drink today?

6. Why was the cocoa bean ignored when Columbus brought it to Spain for the first time?

7. Which Spanish explorer set up the first cacao plantations?

8. Who made the first bar of chocolate and how?

9. What happened after that to make chocolate as we know it today?



Use the storyboard to describe the sequence of events that led from the Aztec Emperor Montezuma drinking chocolatl in a golden cup to us buying drinking chocolate in a tin from the supermarket or buying a chocolate bar in the shop. Use cartoon drawings and captions.

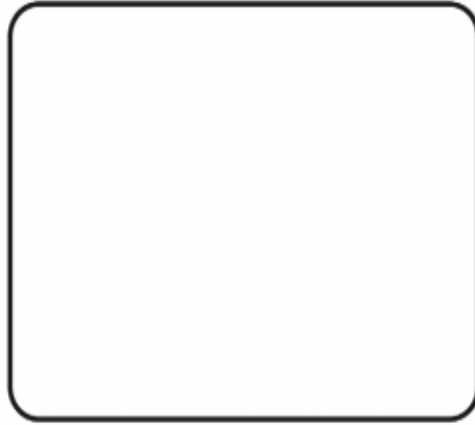
You can make it as entertaining, funny and colourful as you like!

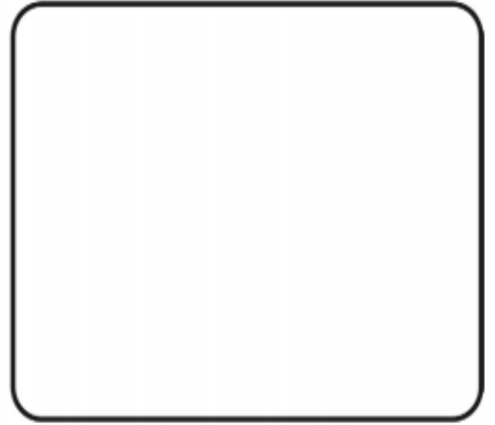
Don't forget your teachers would love to see a copy of your work 😊

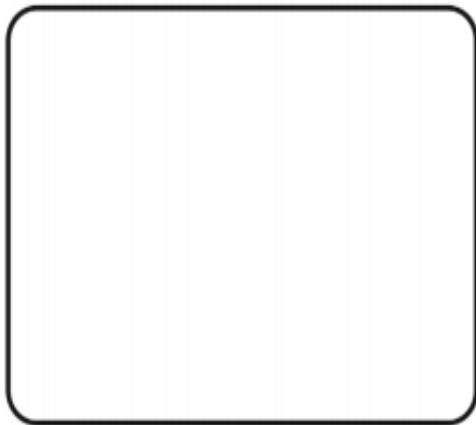
The History of Chocolate by _____

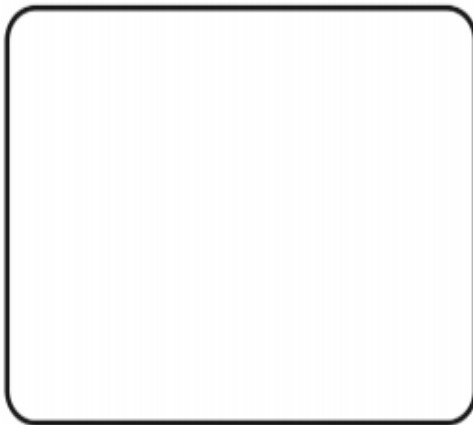


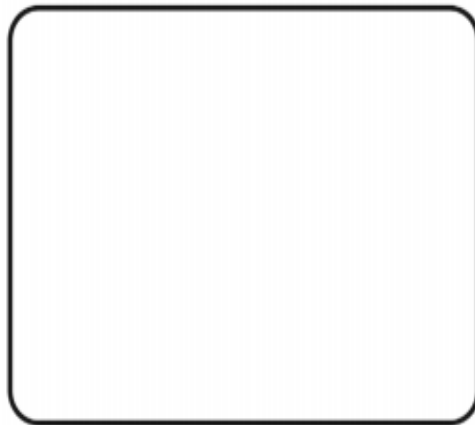


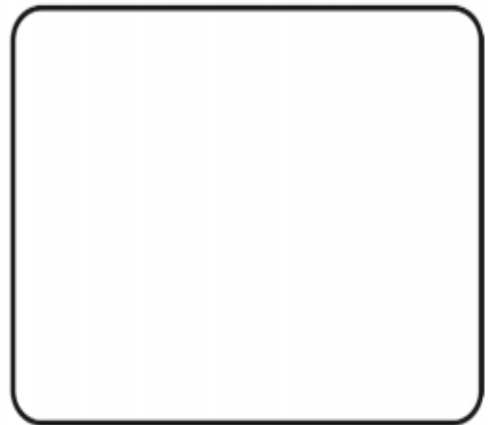












Science Task

I can investigate what foods cause tooth decay



What are your teeth for?

Can you name the different types of teeth?

Do you think chocolate gives you tooth decay?

What causes tooth decay?

Plaque is a sticky substance on the teeth that contains bacteria. It is the reason we brush our teeth. Plaque is made up of tiny food particles, bacteria, and the waste products of bacteria. It builds up over the course of the day, and this is completely normal which is why we brush our teeth before bed. Whilst some bacteria in plaque are harmless, but some are harmful to your oral health, including gum disease and tooth decay. If we don't clean our teeth and plaque is allowed to build up over time it cause tooth decay and cavities.

Some foods cause plaque to build up more than others. In this experiment will investigate which foods cause tooth decay.

Note: The children will use disclosing tablets which are included in their packs for this experiment. Disclosing tablets are safe to use and contain a food colouring which shows plaque on the teeth. You can watch this video to find out how to use them correctly. <https://youtu.be/n2T3n8olEmw>

Carry out this experiment to show which foods leave the most plaque on our teeth.



What you will need:

- A piece of chocolate
- A piece of fresh carrot, apple or orange
- 2 Disclosing tablets (included in your home learning pack)
- Hand mirrors
- A camera
- A toothbrush
- Toothpaste

Fair test: To keep the test fair you must ensure that your teeth have been cleaned before you try each food and repeat the same steps for each food.

Predictions: (circle what you think)

I predict that the chocolate will show a **lot/a little/no** plaque on my teeth.

I predict that the _____ will show a **lot/a little/no** plaque on my teeth.

Method:

1. Brush your teeth carefully using toothpaste.
2. Eat the piece of fruit/vegetable you are using.
3. Look at your teeth using a mirror. Can you see anything?
4. Eat a disclosing tablet as shown in the video link above.
5. Look carefully in the mirror. Is it showing any plaque? Photograph the results.
6. Brush your teeth carefully and rinse your mouth.
7. Eat the piece of chocolate and repeat the above steps with the second disclosing tablet.
8. Remember to photograph your results.

Results:

Record your results using the photographs and the following.

Food	Did plaque show in mirror?	Did plaque show with tablet?

Which snack food left the most plaque on your teeth? _____

Was this as you predicted? _____

What have you learned from this experiment?

Why is it so important that we care for our teeth?

How should we care for our teeth?

We hope this experiment was fun! Your teacher would love to see some of these pictures 😊