

Science - Animals including Humans

Research it

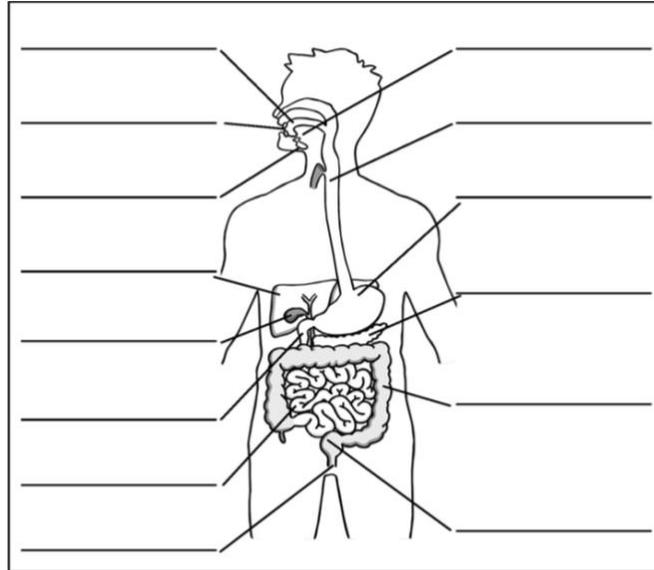
Watch these video clips about the human digestive system.

<https://www.bbc.co.uk/bitesize/topics/z27kng8/articles/z9wk7p3>

<https://www.youtube.com/watch?v=9znLCDpjb1o>

Activities

Complete this diagram of the digestive system, you can print out and add the labels or draw it yourself and label.



Key words: mouth, tongue, teeth, salivary glands, oesophagus, stomach, duodenum, small intestine, large intestine, gallbladder, pancreas, liver, rectum, anus.

Write it

Write a diary entry imagining you are a piece of food travelling through the digestive system, remember to add in how it feels as well as the scientific names for the body parts you pass through!

Here is the beginning of my example:

Dear diary,

Today, I thought it was going to be another boring day like all the others this week. I thought I was going to be sat in the fruit bowl, next to the apples all day again.

However, I was very wrong!

Suddenly I was yanked up and peeled! I felt very cold, then I went into a warm, moist environment. This was warmer but was not very pleasant as I was being ground up by these flat white things, called teeth.

Research it

Watch the videos below to find out about the types of teeth that humans and animals have.

<https://www.bbc.co.uk/bitesize/topics/z27kng8/articles/zsp76yc>

Investigate it

I would like you to investigate the effect of different liquids on your tooth enamel (the protective coating on the teeth).

Step 1) take 3 hard boiled eggs,

Step 2) place each one in a glass along with a different liquid,

Create it

Make or draw a model of a human's mouthful of teeth, identifying the different types and where they are positioned. This can be made out of

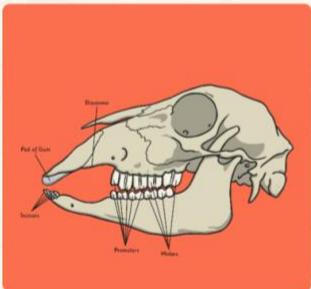
Step 3) observe what happens to the egg shell over a few days, do not leave too long!
Step 4) write up what liquids you used and what happened to the egg shell. This shows what happens to your teeth when you drink these liquids!

Don't forget to take photos of your experiments and send me your conclusions!

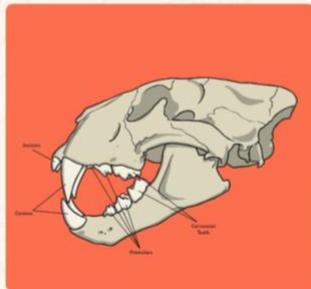
(parents: good liquids to use are coke, vinegar, ribena, milk and water, don't worry if eggs are in short supply, just do the experiment with 1 egg and we can share results from the rest of the class)

different materials including clay, play dough or salt dough.
I look forward to seeing your photos!

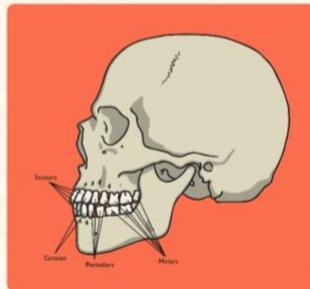
Food and Teeth



Herbivores eat plants



Carnivores eat only meat



Omnivores eat plants and meat

Functions of Teeth

