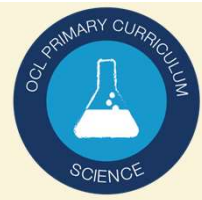
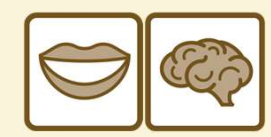
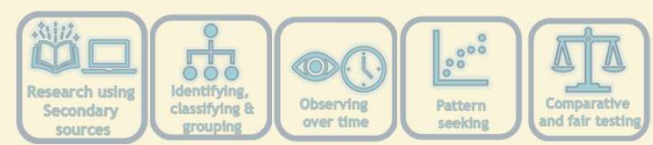


Y4 U1 SKELETONS AND MUSCLES

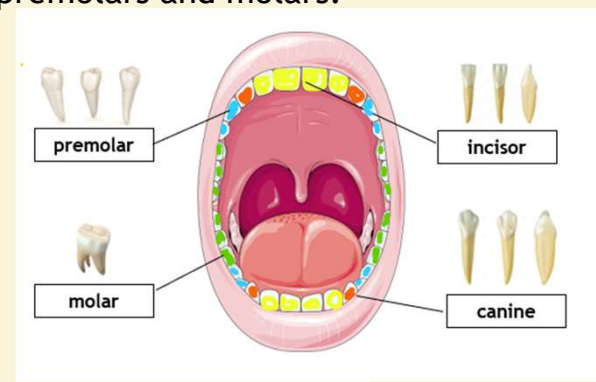


vocabulary

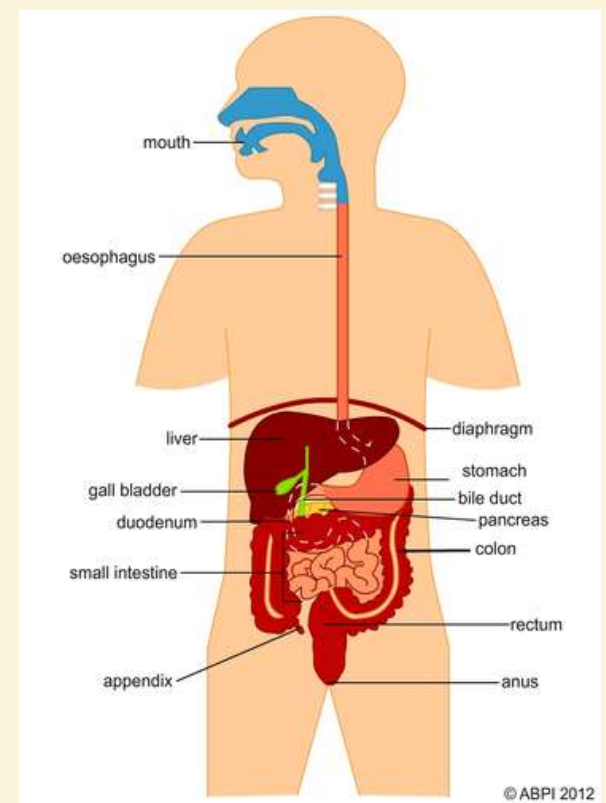


- food chain
- consumer
- energy transfer
- organ
- oesophagus
- stomach
- small intestine
- large intestine
- rectum

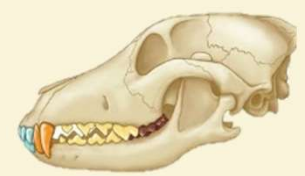
Teeth help animals break down food. Different animals will have different teeth types depending on if they are a herbivore, carnivore or omnivore. Humans have four types of teeth: incisors, canines, premolars and molars.



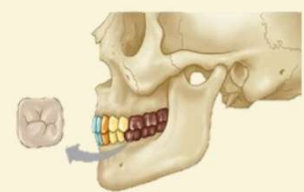
Digestion is the process whereby food is broken down into simpler forms that can be absorbed and used by the body.



herbivore
large incisors, no canines and molars



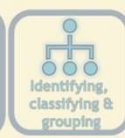
carnivore
incisors, large canines, carnassial teeth, molars



omnivore
incisors, canines, premolars and molars

The sequence in which energy is transferred through an ecosystem can be mapped out in a food chain



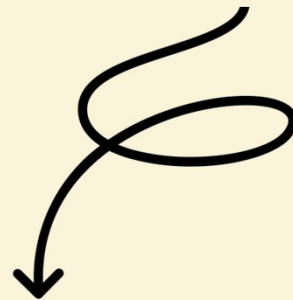


Focus on... a scientist

William Beaumont



William Beaumont was an American surgeon who is remembered for his studies of the human digestive system based on experiments on a live patient. He made the discovery that it was stomach acid and not just the mashing of the stomach that digested food.



Find out more about his fascinating life [here](#) and [here](#)

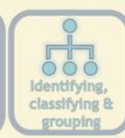
Focus on... equipment
microscope



- First invented by a Dutch scientist called Zacharias Jansen in 1590.
- Used to magnifying microscopic size material to be seen with the naked eye.

Who uses it?

Any scientist who needs to examine microscopic objects: lab technician, microbiologist, virologists, geologists, forensic scientists



Previous learning

EYFS: Children to make links between their body language and words

Using senses to explore the world around them - will hear and use the language 'see, hear, smell, taste, feel, touch'

Y1: label human body, know language of mouth, teeth, tongue

Y2 - understand body movements linked to exercise, food groups and healthy eating

Y3 - know the 7 nutrients that we get from our diet

Independent learning at home

<https://www.turacogames.com/games/game-to-practice-how-the-human-digestive-system-works/> - digestion game

<https://www.bbc.co.uk/bitesize/to pics/zcyycdm/articles/z8bntrd> - all about the digestive system

Vocabulary

[Set 1](#)

[Set 2](#)

[Set 3](#)

[Set 4](#)

Current learning

- Understand how simple food chains work.
- Understand how teeth help digestion
- Name the tooth types
- Understand the process of digestion, label the organs involved and their function as the food journeys through
- Understand the process of digestion, label the organs involved and their function as the food journeys through
- Recreate a digestive system to allow for understanding of function

Learning together at home

- Make a human digestive system like you completed in lesson 5.
- Recreate a digestive system in plasticine, pasta, cardboard.

Future learning

- Y5: animal life cycles

