

Knowledge Organiser

Key Vocabulary

Digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, large intestine, rectum, anus, incisor, canine, molar, premolar, wisdom tooth, herbivore, carnivore, omnivore, energy, producer, consumer, predator, prey, nutrients, habitat.

Domain Knowledge

(references all facts children will need to access learning)

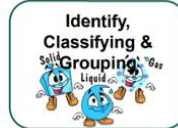
- Animals include humans when classifying.
- They need the right type and amount of nutrition.
- They cannot make their own food and must get nutrition from what they eat.
- Humans and some other animals have skeletons and muscles for support, protection and movement.
- A carnivore eats meat, an herbivore eats plants and a omnivore eats both.

The Big Question: How does an egg shell change when left in a variety of different liquids?

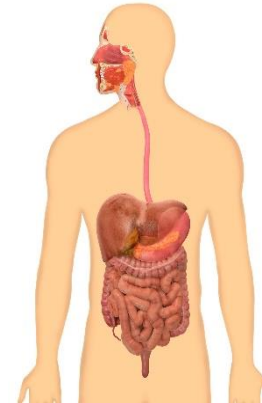


Conceptual Science Knowledge - animals including humans

Describe the simple functions of the basic parts of the digestive system in humans.
Identify the different types of teeth in humans and their simple functions.
Construct and interpret a variety of food chains, identifying producers, predators and prey.



Biology



Premolars



Incisors



Molars



Canine

Working Scientifically Knowledge - observing over time

Make predictions and think about what makes a fair test.
Make systematic and careful observations over time.
Ask relevant questions and use your scientific enquiry to answer them.
Use scientific evidence to support your findings.
Explain ways to improve accuracy further.

Try at home

Make a model of the digestive system.

Create a food diary and think about what foods give you nutrients which are healthy for your teeth and body.

Play food chain challenge games at: www.bbc.co.uk/bitesize/topics/zbnnb9q

Make your own food web using the instructions:

<https://www.sciencegeek.net/Biology/bio/pdfs/FoodWebActivity.pdf>

Make a tick chart to remind you to brush your teeth.

Trips and visits

Visit from a dentist.
Visit from a specialist in the digestive system (Bristol Children's Hospital).

Visit a dentist for a routine check up if your due your check-up.

Where can this take you?

Dentist
Dental nurse
Nurse
Doctor
Vet

