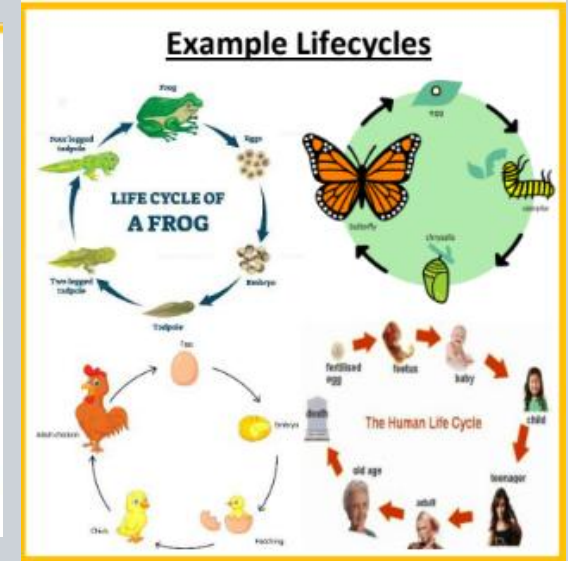


Prior knowledge – our past Science knowledge that will support learning during this enquiry.

Unit 2



Year 3

What do we need to survive and be healthy?

Balanced diet (Food)



Water



Air



Exercise

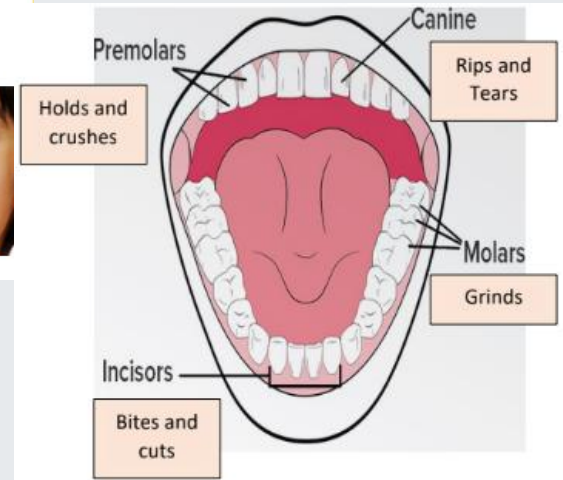


Hygiene



Teeth Health

- Visit the dentist regularly.
- Brush teeth twice a day.
- Limit sugary food and drink.
- Use toothpaste with fluoride.



Preston Primary School Knowledge Organiser

Science

Term: Autumn 1

Year: Unit 3 - Year 3 & 4

Duration: 7 Weeks

Animals including Humans

Questions we will answer during this enquiry

What are the characteristics of living things?

How does the human skeletal system work?

How do muscles work with bones to achieve movement?

What are the different types of skeletons in living things?

What makes a healthy diet?

Why is nutrition important?

Endoskeleton



Skeleton inside the body. As the animal grows so does the skeleton.

Exoskeleton



Skeleton is on the outside. They shed their skeleton. Skeleton does not grow with the animal, so it sheds it and grows a new one.

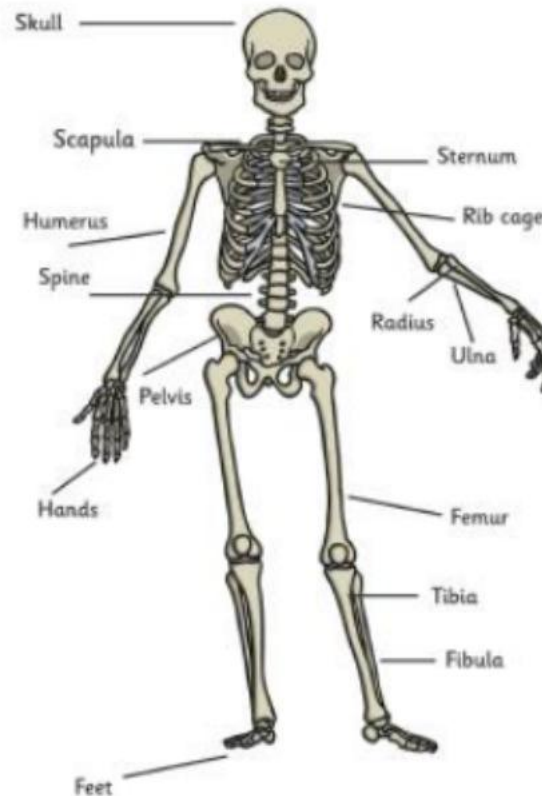
Hydrostatic skeleton



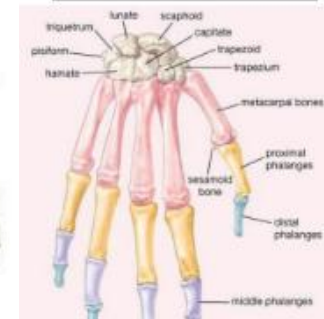
The skeleton does not consist of bones. They are all invertebrates. They have fluid filled compartments in their body.

Key Vocabulary	
Nutrition	The nutrients in our food and drink that benefit our body and help it to grow.
Herbivore	A herbivore only eats plants.
Carnivore	A carnivore only eats meat.
Omnivore	A carnivore eats both plants and meat.
Skeleton	The system of our bones and how they link and work together to enable our bodies to move.
Muscles	Muscles are attached to bone, and they are essential for movement. Muscles support the skeleton to move.
Exoskeleton	The skeleton is on the outside of the body, e.g. crab.
Endoskeleton	The skeleton is inside the body and grows as the body grows, e.g. humans, sheep, dogs.
Vertebrate	An animal with a backbone inside their body.
Invertebrate	An animal without a backbone, e.g. snail, slug.
Healthy	Being free of disease and illness, feeling well in your body.

The Skeletal System.



Bones of the hand



Phalanges

Metacarpal

Sesamoid

A Balanced Diet

The eatwell plate

Use the eatwell plate to help you get the balance right. It shows how much of what you eat should come from each food group.



Our arm muscles

