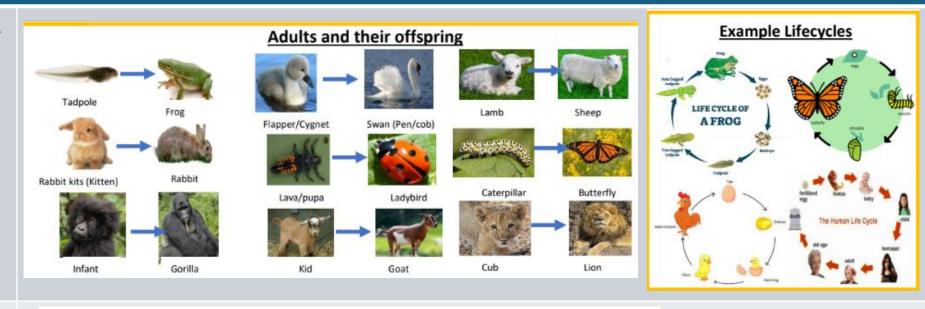
# Prior knowledge – our past Science knowledge that will support learning during this enquiry.

### Unit 2





### What do we need to survive and be healthy? **Balanced diet** Water Air **Exercise** Hygiene Canine (Food) Premolars Rips and Tears Holds and crushes Molars Grinds Teeth Health -Visit the dentist Incisors regularly. -Brush teeth Bites and twice a day. cuts -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 Exoskeleton Hydrostatic skeleton Skeleton is on the outside. They shed their skeleton does not consist of bones. They are all invertebrates. They have fluid filled compartments in their body.

The nutrients in our food and drink that benefit our body and help it to grow.	The Skeletal System.	
A herbivore only eats plants.		
A carnivore only eats meat.	Scapula Sternum	Bones of the hand
A carnivore eats both plants and meat.	Humerus Rib cage	hamate trapezum hamate properum metacarpa bones Phalanges
The system of our bones and how they link and work together to enable our bodies to move.	Spine Radius Ulna	proximal presentations of the search of the
Muscles are attached to bone, and they are essential for movement. Muscles support the skeleton to move.	Hands	middle photoriges
The skeleton is on the outside of the body, e.g. crab.	Tibia  Fibula	
The skeleton is inside the body and grows as the body grows, e.g. humans, sheep, dogs.	Feet	A Balanced Diet
si wife, wys.	Our arm muscles	The eatwell plate  Use the eatwell plate to help you get the balance right. It shows how
An animal with a backbone inside their body.	Our arm muscles	much of what you set should come from each food group.  That sod regresses parts of regresses parts of the solid come from each food group.
An animal without a backbone, e.g. snail, slug.	Expensers Deltoid	
Being free of disease and illness, feeling well in your body.	Biceps Triceps	Mark falls  age have  been seen to be the seen determined prices  fage in the seel seen or seen to be the seel seen or seel seen to see the seel seen or seel seel seen or seel seel see the seel seen or seel seel see the seel seen or seel seel see the seel seel see the seel seel seel seel seel seel seel se

Omnivore Skeleton

Key Vocabulary

Herbivore

Carnivore

Muscles

Nutrition

A carnivore eats both plants and The system of our bones and how link and work together to enable bodies to move.

Exoskeleton The skeleton is on the outside of body, e.g. crab. The skeleton is inside the body Endoskeleton

Vertebrate body. An animal without a backbone,

Invertebrate snail, slug. Being free of disease and illness, well in your body. Healthy