The Orchard Primary School: SCIENCE KNOWLEDGE ORGANISER

Topic: Animals including humans

Year: 4 | **Term: Spring 2**

What should I already know about

KS1 – In years 1 and 2, children will have learnt to identify and name common animals that are carnivores, omnivores and herbivores. They will be able to compare animals such as birds, fish, reptiles, amphibians and mammals. They will have learnt to identify and name basic parts of the body and say which part is associated with each sense. They will have learnt that most living things live in habitats and be able to construct simple food chains.

Year 3 – Children will have learnt about healthy diets and nutrition.

Key questions

KQ1: Why are teeth different shapes?

KQ2: What is the digestive system?

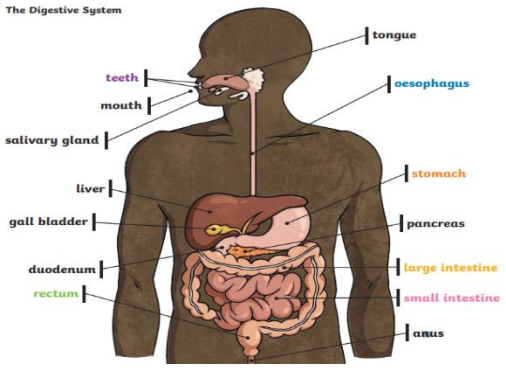
KQ3: which drink causes the most tooth decay?

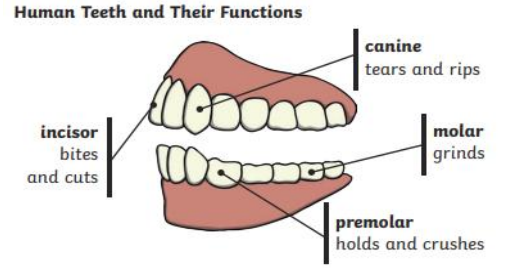
KQ4: What did this poo?

KQ5: Who is the predator?

KQ6: What is the food chain?

Maps / Diagrams / Images





Vocabulary

digest	To break down food so it can be used by the body.
oesophagus	A muscular tube which moves food from the mouth to the stomach.
stomach	An organ in the digestive system where food is broken down with stomach acid and by being churned around.
small intestine	Part of the intestine where nutrients are absorbed into the body.
large intestine	Part of the intestine where water is absorbed from remaining waste food. Faeces are formed in the large intestine.
rectum	Part of the digestive system where faeces are stored before leaving the body through the anus.
teeth	Hard structures in the mouth that help with biting and chewing food.
incisors	Front flat teeth used to bite and cut food.
canines	Sharp and pointy teeth next to the incisors used to tear and rip food.
molars	Flat large back teeth used to grind food before swallowing.
saliva	A lubricating digestive juice produced in the mouth.
herbivore	An animal that eats plants.
carnivore	An animal that feeds on other animals.
omnivore:	An animal that eats plants and animals.
producer	An organism, such as a plant, that produces its own food.
predator	An animal that hunts and eats other animals.
prey	An animal that gets hunted and eaten by another animal.

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