



St Leo's and Southmead
Catholic Nursery and Primary
School

Year
Four

Science Knowledge Organiser

Autumn
Term 1

Amazing Activities

- Investigating the effects of different substances on eggs
- Investigation using tights to find out how food is broken down

Key Concepts

The Digestive system:



food



mouth

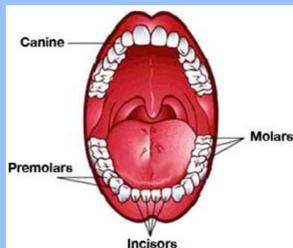


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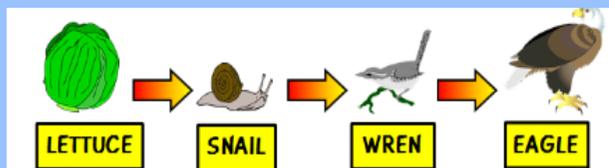


swallow

Teeth:



Food chains:



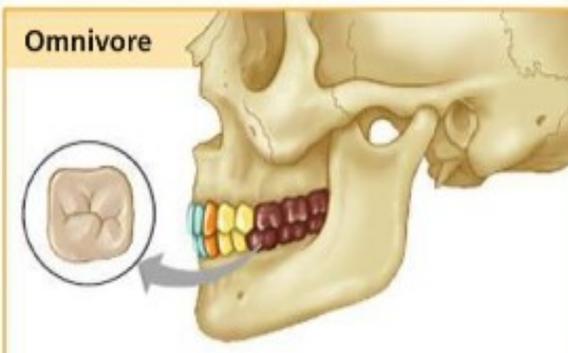
Animals including humans

Objectives

Pupils should be taught to:

- ◆ 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.

Omnivore



Curriculum Links

- **English Link:** Children to create a leaflet to tell dog owners how to care for their dog's teeth
- **Maths Link:** Opportunities for data handling work using the information collected during investigations.

Key Vocabulary

Digestive system	parts in the body that break down and process the food that has been eaten.
saliva	watery substance in the mouth
Stomach	where food goes when it is swallowed
oesophagus	a muscular tube in the throat
intestine	the part of the digestive system after the stomach where nutrients are absorbed
digest	breaks down food so it can be absorbed by the body
omnivore	an animal that eat a diet of both meat and vegetables
carnivore	an animal that eats a diet of meat
herbivore	an animal that eats a diet of vegetables or grass
canine	a pointed tooth used for eating meat
molar	a flat tooth used for eating vegetables
predator	an animal that hunts other animals for food
prey	an animal that is eaten by another

Nurture, Inspire, Succeed