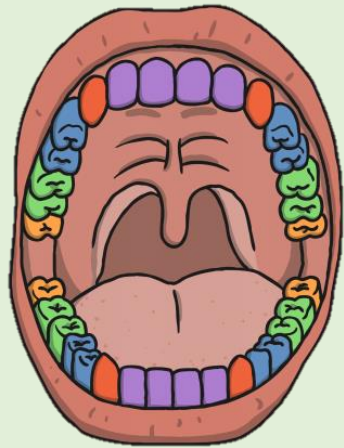


Cunningham Hill Junior School - Science Knowledge Organiser - Animals Including Humans - Year 4 - The Digestive System

Digestive System Vocabulary:

1	digestive system	A system in the body (humans and animals) that is designed to extract the goodness from food and get rid of the leftovers.
2	nutrition	The substances that you take into your body as food and the way that they influence your health.
3	muscle	One of the many tissues in the body that can tighten and relax to produce movement.
4	saliva	Saliva is mostly made of water and it helps you to chew, taste and swallow food. It contains enzymes which start to break down the food we eat.
5	stomach	An organ in the digestive system where food is broken down with stomach acid and by being churned around.
6	digest	Break down food so that it can be used by the body.
7	glands	Organs that release fluids to be used by the body.
8	enzymes	Special molecules in the body that cause chemical reactions.
9	oesophagus	A muscular tube which forms the path from the mouth to the stomach.
10	small intestine	Absorbs nutrients from food.
11	large intestine	Absorbs water from waste food and forms stools from the waste food.

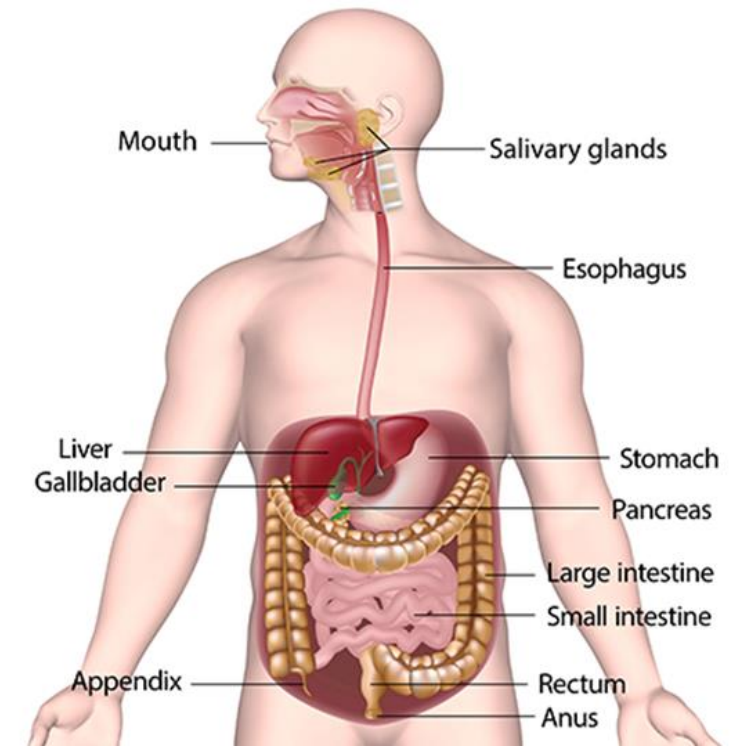
The Teeth:



Canines
Molars
Premolars
Incisors
Wisdom Teeth



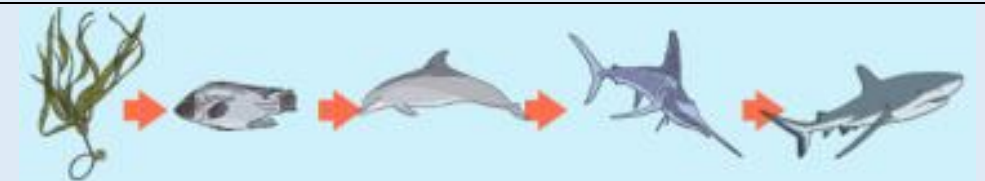
The Digestive System:



The Digestive Process:

- 1. Chewing** - Breaking up big pieces so that they are easier to digest and swallow by using enzymes in your saliva.
- 2. Swallowing** - The tongue pushes food into the back of the throat, then muscles force it down the oesophagus to the stomach. The epiglottis blocks the windpipe and prevents choking.
- 3. Stomach** - More enzymes break down the food into things the body needs and kills bad or dangerous bacteria.
- 4. Small Intestine** - Works to continue to break down food and then the food is absorbed from the intestine into the body through the blood.
- 5. Large Intestine** - Any food that the body doesn't need or can't use is sent to the large intestine and later leaves the body as waste.

The Food Chain:



Producer/ Autotroph	Consumer	Consumer	Consumer	Consumer
	Primary Consumer	Secondary Consumer	Tertiary Consumer	Quaternary Consumer
	Prey	Predator/Prey	Predator/Prey	Predator/ Scavenger
	Herbivore	Carnivore	Carnivore	Carnivore

Scientist Study:



Charlotte Armah was born in 1970 in London. Her work focuses on how eating vegetables is good for your health, in particular she has studied the effects that eating broccoli has on the human body.



Food Chain Vocabulary:

Shows how the lives of organisms are linked in natural communities made up of a series of organisms that eat each other. It shows how energy is transferred from one organism to another via food.

Producer	Plants in a food chain.
Consumer	Animals that eat plants in a food chain.

Prey	An animal that is hunted and killed by another for food.
Predator	An animal that hunts, kills and eats other animals.
Omnivore	An animal that eats both plants and meat.
Herbivores	An animal that eats only plants.
Carnivores	An animal that eats meat.