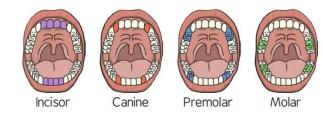
Key vocabulary	
digestive	The organs in your body
system	involved in the digestion of
	food.
digestion	This is the way the body breaks
	down food so the body can
	absorb it.
herbivore	Animals that only eat plants.
carnivore	Animals that eat other animals.
omnivore	Animals that eat both plants
	and animals.
producer	All green plants can make food
	in their leaves. They are the
	only producers of food.
consumer	Animals that eat plants in a
	food chain.
predator	Animals that catch and eat
	other animals.
prey	Animals that are hunted and
	eaten by predators.
food chain	Animals eat plants or other
	animals. The way this happens
	is shown in a food chain.

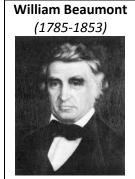
#### Teeth

Humans have 4 types of teeth:

- incisors used for cutting
- canines rip and tear food
- molars and premolars for grinding and chewing food

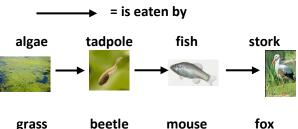


# Animals including humans – Year 4



Significant scientistmontWilliam Beaumont was a3)surgeon in the U.S. Army.He carried out lots of<br/>experiments and research<br/>on human digestion.As a result, he provided<br/>the world with new<br/>information about the<br/>digestive process in living<br/>human beings.

### Food chains

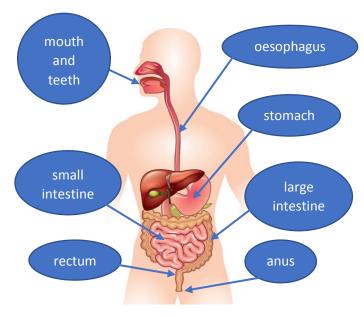




## Lion skull



Lions are carnivores. They have big canine teeth to help them catch their prey.



#### The main parts of the digestive system:

- Food enters the body through the **mouth**
- The **teeth** start to break the food down. **Saliva** is added and the tongue rolls the food into a ball.
- After swallowing, the food passes down the **oesophagus** to the stomach
- In the **stomach** the food is broken down further by being churned around and some chemicals are added.
- Food passes into the **small intestine**. Here **nutrients** are removed from the food to be used elsewhere in the body.
- The rest passes into the **large intestine** where **water** is removed to be used elsewhere in the body.
- What is left is then stored in the **rectum** until it leaves the body through the **anus** when you go to the toilet.

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Information relating to 'famous scientists' adapted from work by Alex Sinclair & Amy Strachan of St Mary's University