

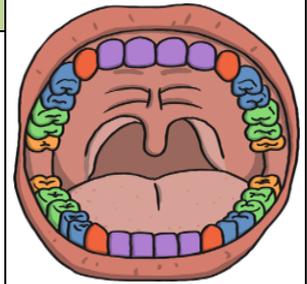


**Key questions:**

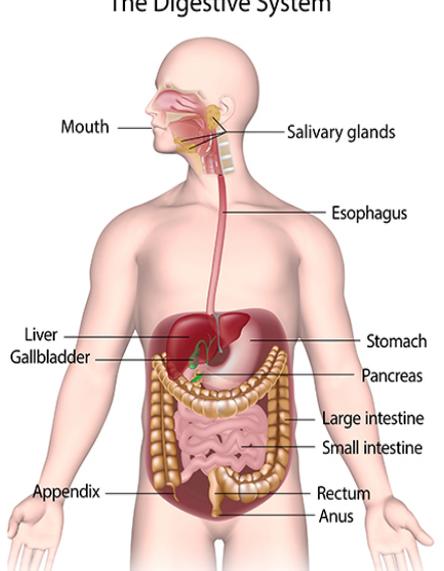
Who do these teeth belong to? What happens to my food? Who's the predator?

**Key knowledge/ vocabulary- teeth:**

- Humans have **8 incisors** - Used for **biting and cutting** food.
- Humans have **4 canine teeth** - Used for **tearing and ripping** food.
- Humans have **8 premolars** - **Holding and crushing** food.
- Humans have **8 molars** - **Grinding** food
- **Tooth decay** - when **bacteria** in the mouth begin to eat away at teeth.
- Animals all have different types of teeth: **Herbivores** have **flat molar** and premolars for crushing plants. **Carnivores** have lots of sharp canine teeth to tear meat. **Omnivores** have a mixture of sharp and flat teeth. Humans are omnivores.



**The Digestive System**

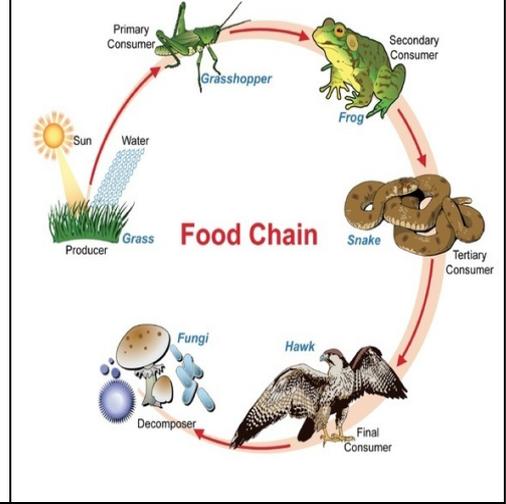


**Key knowledge/ vocabulary- digestive system:**

- The **Digestive system** is designed to extract the nutrition from food and **get rid (dispose) of waste**.
- **Nutrition** is found in substances you take into your body as food and the way that they influence your health: **vitamins, minerals, nutrients**.
- **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.
- **Stomach** is an organ in the body where food is **digested**- muscles **contract (squeeze)** to crush food and mix with stomach acid (**bile**).
- The **Intestine** is long tube through which food travels from the stomach and out of the body while it is being digested. **Further nutrients are extracted**.
- **oesophagus** is the tube in the body that takes food from the mouth to the stomach.
- **Enzymes** are special molecules in the body which act to create a chemical reaction. In the digestive system the reaction they produce breaks down food.

**Key knowledge/ vocabulary food chains:**

- \***Food chain** - how energy is transferred from one organism to another when **consumed (eaten)= energy transference**.
- \* **all food chains start with the sun**. Plants use the sun's energy to create food through **photosynthesis**.
- \***Primary Consumer** - Animals that eat plants in a food chain (**herbivore**)
- \***Secondary consumer** – animal that eats other animals (**carnivore**)
- \***Predators** - An animal that hunts, kills, and eats other animals
- \***Prey** - An animal that is hunted and killed by another for food.
- \***Omnivore** - An animal that eats both plants and meat.
- \***Producer** - Plants in a food chain – **photosynthesise** the sun's energy to make food
- Decomposer/ detritivore**- feed on decaying plant/animal matter recycling nutrients into the soil and atmosphere e.g **worms, fungi**



**Output:**

- Leaflet- all about teeth (types of teeth, how to look after, animal teeth etc)
- Narrative- recount the journey of a pea through the mouth and digestive system
- Information/explanation- food chains
- Compare and contrast local/ global food chains

**Working like a scientist:**

- Fair test- what foods are most easily digested by the stomach- create a stomach and test food types
- Drawing and labelling diagrams on food chains, digestive system and teeth
- Comparing and contrasting different animal teeth- making observations.

