

## Year 4

## Science: Animals including humans (half-term)

### Learning to Recap (Year 3):

- We should eat a nutritious diet to be healthy.
- Foods can be grouped into: fruits, vegetables, grains, protein and dairy.
- Humans have bones, muscles, cartilage and a skeleton to function.

### New Knowledge and Vocabulary

Digestive system	<p>Food that we eat is broken down into smaller pieces that our body can <b>absorb</b>. This is <b>digestion</b>. The digestive system includes -</p> <p><b>Mouth</b> - where we swallow and chew food to break it down.</p> <p><b>Oesophagus</b> - a tube that food passes through between the mouth and stomach.</p> <p><b>Stomach</b> - contains <b>acid</b> to kill harmful germs. Also contains <b>enzymes</b> which break down food. It then passes to the intestines.</p> <p><b>Small intestine</b> - the food passes out of the small intestine wall and into the blood. The blood then carries the food around the body.</p> <p><b>Large intestine</b> - sorts the food that we don't need and helps turn it into poo!</p>
Teeth	<p>Teeth grind down the food we eat so that it can be <b>digested</b>. We have 3 types of teeth -</p> <p><b>Incisors</b> - there are 8 in total located at the front of the mouth. They are used for <b>cutting</b> food.</p> <p><b>Canines</b> - there are 4 in total located next to the incisors. They are good for <b>ripping</b> food.</p> <p><b>Molars</b> - there are 20 in total. They are used for <b>grinding</b> down food.</p> <p>Adults have 32 teeth in total.</p>

Some animals, such as lions, have much larger canines than humans!



**Because, but, therefore...**

Teeth are important in the digestive system **because**...

Teeth are important in the digestive system **therefore**...

### Application of knowledge

**Write an explanation text about how food is digested.**

Use everyday items to recreate the digestive system!  
See [stem.org.uk](http://stem.org.uk) for resource.

**Apples are an excellent food to keep our digestive system healthy.**

