**Science Focus:** 

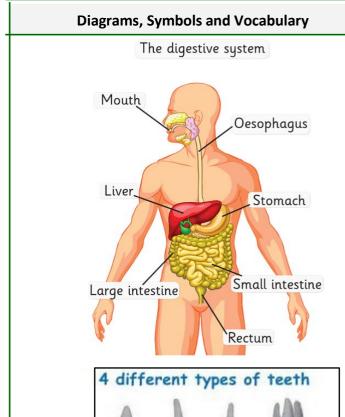
Animals, including humans

Year 4

Advent

What? (Key Knowledge)						
The Human Digestive System						
What is digestion?	Digestion is the way the body breaks down the food we eat into smaller parts that can be used to give the body energy					
The Main Parts of the digestive system	Mouth, tongue, pharynx, oesophagus, liver, stomach, gallbladder, pancreas, large intestine, small intestine					
The digestive journey of food.	<ul> <li>Humans put food into their mouth</li> <li>Food is chewed by the teeth</li> <li>Food is swallowed and passed through the pharynx and oesophagus to the stomach</li> <li>In the stomach, it is mashed into a mixture like soup and mixed with acid</li> <li>The mixture passes into the small intestine, where tiny bits of food pass into the bloodstream</li> <li>The food that is still left goes into the large intestine</li> <li>Finally, waste products leave the body</li> </ul>					
Human Teeth						
Teeth Facts	<ul> <li>Teeth grow in babies when they are about 6 months old</li> <li>20 teeth grow by the time you are about 2.5 years old</li> <li>From about age 6 you start to lose teeth till about the age 12</li> <li>These teeth are replaced by 32 permanent teeth</li> </ul>					
Types of teeth	Incisors, Canines, Pre-Molars, Molars					
What are Molars and Pre-Molars?	Back teeth for crushing and grinding food					
What are Canines?	Long pointed teeth for grabbing food					
What are Incisors?	Front teeth for snipping and cutting food					
Food Chains						
What is a food chain?	<ul> <li>A food chain is a diagram that shows a producer and consumers</li> <li>A consumer can be a predator, prey or both</li> <li>The arrow means - 'is food for'</li> </ul>					
What is a producer?	Food chains start with a producer (usually a green plant or algae)					
What is a consumer?	Consumers get their food by eating plants or other animals					
What is a predator?	Animals which eat other animals are called predators					
What is prey?	Animals that are eaten by other animals					

What? (Key Vocabulary)				
Spelling Definition/Sentence				
Energy	The property that gives humans strength			
Waste	Unwanted substances in the body			





lizard

snake

## **Prior Knowledge**

locust

maize

- To know what humans and animals need to survive and how they do this (Y2)
- To know what a skeleton is and different types of bones in the human body (Y3)