

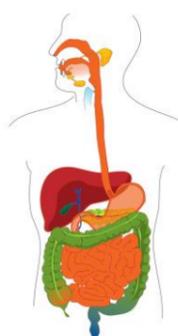
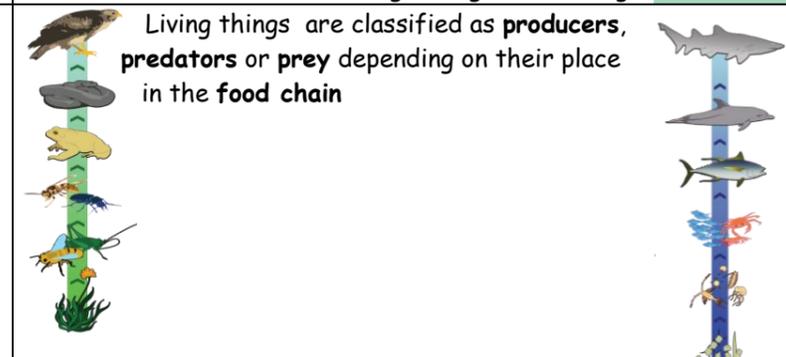
Working Scientifically						
Ask relevant questions	Set up simple enquiries	Make careful observations	Gather, record and classify data	Record & report findings	Use results to draw simple conclusions	Use scientific evidence to answer questions & support findings

- | What I should already know   |
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| <ul style="list-style-type: none"> <li>• There are similarities and differences between living things</li> <li>• Animals obtain food from plants and other animals</li> <li>• <b>Food chains</b> link together animals and the things they eat</li> <li>• Animals and humans have basic needs and need different types of nutrition</li> </ul> |

Key Vocabulary	
<b>anus</b>	Opening at the end of the <b>digestive system</b> where waste is <b>excreted</b>
<b>canine</b>	Pointed teeth which help to cut and tear food when we eat
<b>carnivore</b>	An animal that eats meat
<b>digestion</b>	The process of food being broken down to be used as <b>nutrients</b> or waste which is eliminated from the body
<b>digestive system</b>	Parts of the body involved with <b>digestion</b> turning the food we eat into <b>nutrients</b> and fuel for the body
<b>excretion</b>	Process of getting rid of waste products from our body
<b>food chain</b>	Living things which are linked together because each thing feeds on the one next to it in the chain
<b>herbivore</b>	An animal that eats only plants
<b>incisor</b>	Four teeth at the front of each jaw which are used for biting
<b>large intestine</b>	Final section of the <b>digestive system</b> which links the <b>small intestine</b> to the <b>anus</b>
<b>molar</b>	Large teeth at the back of the mouth which are used for grinding
<b>mouth</b>	Opening where humans and animals put food. The <b>mouth</b> is the beginning of the <b>digestive system</b>

Key Vocabulary	
<b>nutrients</b>	Important parts of food that the body needs to grow. <b>Nutrients</b> are absorbed by the body during <b>digestion</b>
<b>oesophagus</b>	Stretchy tube which is part of the <b>digestive system</b> that moves food from the <b>mouth</b> to the <b>stomach</b>
<b>omnivore</b>	An animal that eats both meat and plants
<b>predator</b>	An animal that eats other animals
<b>premolars</b>	Flat teeth in between the <b>canines</b> and <b>molars</b> used for grinding food
<b>prey</b>	An animal eaten by other animals
<b>producer</b>	Living things that produce their own food. Plants are <b>producers</b>
<b>rectum</b>	Last section of the <b>large intestine</b> before the <b>anus</b>
<b>saliva</b>	Watery fluid in the <b>mouth</b> which helps to break down food for <b>digestion</b> . Also know as spit
<b>small intestine</b>	Narrow part of the <b>intestine</b> between the <b>stomach</b> and the <b>large intestine</b>
<b>stomach</b>	Part of the <b>digestive system</b> at the end of the <b>oesophagus</b> . Food is passed to the <b>small intestine</b> from here

Useful links
<a href="https://www.bbc.co.uk/bitesize/topics/z27kng8/articles/zsp76yc">https://www.bbc.co.uk/bitesize/topics/z27kng8/articles/zsp76yc</a> <a href="http://www.crickweb.co.uk/ks2science.html#">http://www.crickweb.co.uk/ks2science.html#</a> <a href="https://kidshealth.org/en/kids/digestive-system.html">https://kidshealth.org/en/kids/digestive-system.html</a> <a href="https://www.dkfindout.com/uk/human-body/digestion/">https://www.dkfindout.com/uk/human-body/digestion/</a> <a href="https://www.dkfindout.com/uk/human-body/digestion/teeth/">https://www.dkfindout.com/uk/human-body/digestion/teeth/</a>

What I will know by the end of the unit	
<p>What the basic parts of the human <b>digestive system</b> do</p>	<p>Food enters our body through the mouth before passing through the <b>digestive system</b>.</p> <ul style="list-style-type: none"> <li>• <b>Digestion</b> starts when teeth break down the food</li> <li>• <b>Saliva</b> is added and food passes down the <b>oesophagus</b> to the <b>stomach</b></li> <li>• Food is broken down further and passes to the <b>small intestine</b></li> <li>• <b>Nutrients</b> are removed and leave the <b>digestive system</b></li> <li>• Food the passes to the <b>large intestine</b> where water is removed</li> <li>• Waste then passes out of the body via the <b>rectum</b> and <b>anus</b></li> </ul> 
<p>How to identify the different types of teeth in humans</p>	<p>Humans have 4 different types of teeth - each with a different job.</p> <p><b>Incisors</b> - used for cutting  <b>Canines</b> - used for tearing  <b>Premolars &amp; molars</b> - used for grinding and chewing</p> 
<p>Construct different food chains. Identify <b>producers, predators</b> and <b>prey</b></p>	<p>Living things are classified as <b>producers, predators</b> or <b>prey</b> depending on their place in the <b>food chain</b></p> 

- | Investigate   |
|---|
| <p>Research the jobs of the different parts of the digestive system</p> <p>Create a model of the human digestive system using household objects</p> <p>Research the different types of teeth that animals have - how are they different to humans?</p> <p>Make an origami tooth</p> <p>Design a poster to explain why we need to look after our teeth</p> |