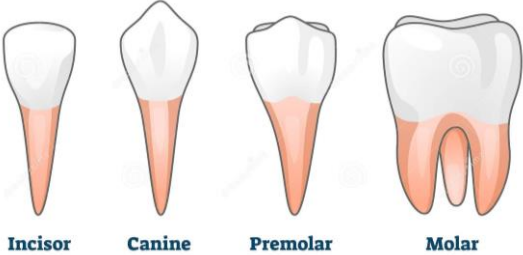
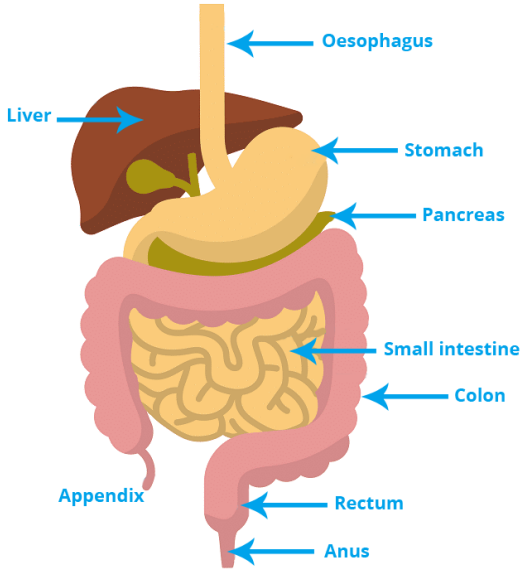


Year 4: Science Digestion & Teeth Knowledge Mat

Subject Specific Vocabulary		Information	Important Knowledge
digestion	The process by which the stomach and intestines change food into a form that the body can use as energy.	 <p>The diagrams show four types of teeth from left to right: an Incisor (a simple chisel-shaped tooth), a Canine (a pointed tooth), a Premolar (a tooth with two points), and a Molar (a large tooth with a broad, flat surface). Each tooth is shown with its root embedded in a pink gum line.</p>	<ul style="list-style-type: none"> <input type="checkbox"/> I know the main parts of the human digestive system: mouth, oesophagus, stomach, small intestine, large intestine, rectum, anus. <input type="checkbox"/> I know what happens at each of the main parts of the human digestive system and how this helps to digest food: mouth, oesophagus, stomach, intestine, rectum, anus. <input type="checkbox"/> I know the four different types of teeth found in humans: pre-molar, molar, canine, incisor. <input type="checkbox"/> I know that it is important to care for teeth by brushing them with toothpaste. <input type="checkbox"/> I know what could happen to teeth if they are not cleaned carefully. <input type="checkbox"/> I know which organisms are producers, predators or prey. <input type="checkbox"/> I know which organisms are producers, which are predators and which are prey on a food chain. <input type="checkbox"/> Working Scientifically <input type="checkbox"/> I can record the main parts of the human digestive system using clear scientific vocabulary in scientific diagrams with labels. <input type="checkbox"/> I can explain what happens to food from the moment it is put into the mouth until it is removed from the body as waste. <input type="checkbox"/> I can research tooth types using a text or and iPad. <input type="checkbox"/> I can explain my results using scientific vocabulary <input type="checkbox"/> I can group a selection of organisms to show which are producers, which are predators and which are prey and I can explain why I have made each selection. <input type="checkbox"/> I can record what I have learnt in a clear key using scientific vocabulary.
intestine	Intestines are. organs, or body parts, that are shaped like long tubes. They help break down food so that the body can use it for energy.		
incisor	A tooth for cutting.		
canine	A pointed tooth next to the incisors used for tearing.		
premolar	A double-pointed tooth that comes between the canines and molars.		
molar	A large tooth near the back of the mouth with a broad surface used for grinding.		
food chain	The order in which organisms, or living things, depend on each other for food.	 <p>The diagram shows a cross-section of the human digestive system. Labels with arrows point to the following organs: Oesophagus (top), Liver (top left), Stomach (top center), Pancreas (top right), Small intestine (middle, coiled), Colon (middle right), Appendix (bottom left), Rectum (bottom center), and Anus (bottom).</p>	
predator	An animal that lives mostly by killing and eating other animals.		
producer	Plants are called producers because they produce their own food.		
prey	An animal that is hunted or killed by another animal for food.		