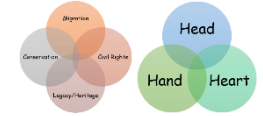
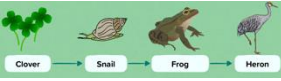


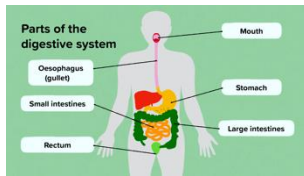










Year 4 – Autumn 1 – Science – Pupil Knowledge Organiser



What do I already know?		What am I learning now?		
<ul style="list-style-type: none"> Animals can be categorised as herbivore, carnivores or omnivores. An animals basic needs for survival include: food, water and air. Animals, including humans, need the right types and amount of nutrition to grow and stay healthy. Animals cannot make their own food; they get nutrition from what they eat. 		<ol style="list-style-type: none"> What is a food chain? Why is every link important in a food chain? What are the different types of teeth? How do we protect our teeth? What are the first stages of digestion? What are the final stages of digestion? 		
Key Knowledge: Animals Including Humans		Key Skills: Working Scientifically	Key Vocabulary	
 <p>A food chain shows how living things get the nutrients that they need.</p> <p>It makes the links between different producers, predators and prey clear.</p>  <p>Food chains vary in length and some consumers will eat more than one thing.</p> <p>Removing any link in a food chain can disrupt the balance of nature.</p>	 <p>Humans have three types of teeth:</p> <p>Incisors which cut and bite off pieces of food.</p> <p>Canines which tear food apart.</p> <p>Molars which crush and grind food.</p> <p>The teeth and tongue work together to chop up food before mixing it with saliva.</p>	 <p>Chewed up food is swallowed and travels down the oesophagus into the stomach.</p> <p>In the stomach, swallowed food is mixed with acid to break the food down more.</p> <p>In the small intestine, nutrients pass through into the blood.</p> <p>In the large intestine the water from leftover food is absorbed.</p> <p>Leftover food enters the rectum which holds undigested food as faeces.</p>	 <p>Ask Questions</p>  <p>Conclusions</p>  <p>Enquiry</p>  <p>Evaluation</p>  <p>Observe</p>  <p>Record/ Present</p> <p>nutrient</p> <p>producers</p> <p>consumers</p> <p>predator</p> <p>prey</p> <p>herbivore</p> <p>carnivore</p> <p>omnivore</p> <p>digestion</p> <p>saliva</p> <p>faeces</p>	<p>Things in food that the body needs to be healthy.</p> <p>Organisms that produce their own food.</p> <p>Organisms that eat other organisms.</p> <p>Animals that hunt and eat prey.</p> <p>Animals that are hunted and eaten by predators.</p> <p>Consumers that only eat plants.</p> <p>Consumers that only eat other animals.</p> <p>Consumers that can eat both plants and animals.</p> <p>The process through which food is broken down and absorbed by the body.</p> <p>A sticky liquid that contains chemicals to help break down food.</p> <p>Undigested food.</p>