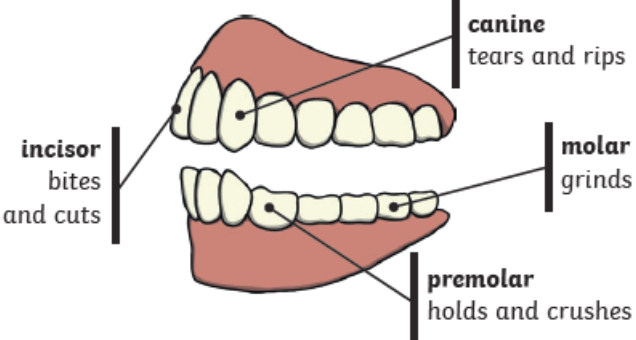
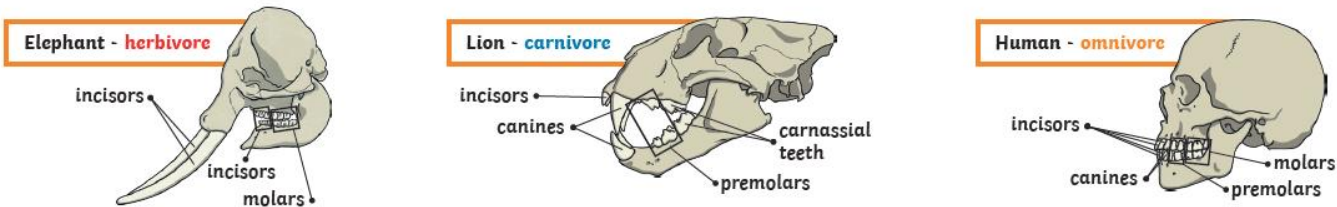


Crofton Junior School – Curriculum Knowledge Organiser

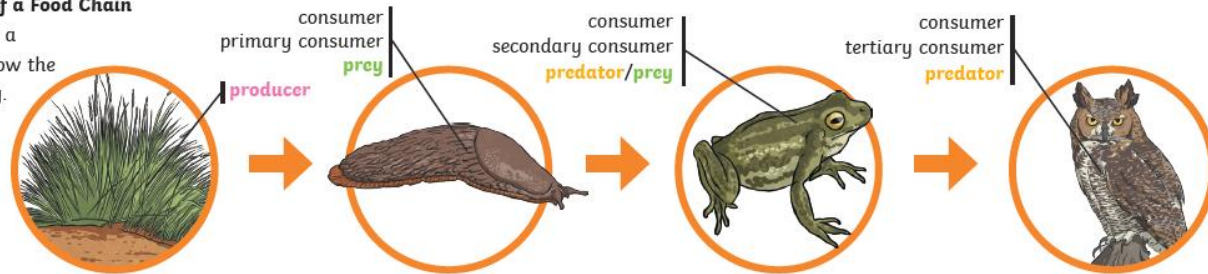
Unit of Work	Science – Biology – Year 4	
Key Strand	Understanding animals including humans	
Overview of the Unit of Work	This concept involves becoming familiar with different types of animals and the life processes they share.	
Prior Learning & Vocabulary	<p>Year 2 (animals including humans): food types, fruit and vegetable, bread, rice, potato, pasta, milk and dairy foods, foods high in fat or sugar, meat, fish, egg, beans, water, food chain</p> <p>Year 3 (animals including humans): nutrition, nutrients, carbohydrates, protein, vitamins and minerals, fat, dietary fibre, balanced diet, skeleton, muscles, support, protection, movement, skull, ribs, spine/vertebra, joints, sockets, bones, tendons, healthy</p>	
Sticky Knowledge	<p>Digestion is the break down of food so that the nutrients can be absorbed by the body. After being chewed, the food enters the body via the oesophagus (a muscular tube). Once within the stomach, it is broken down by the acids within this organ. The small intestine helps to absorb the required nutrients into the body. The large intestine absorbs water from the remaining waste food and stools are formed. To end the digestion process, the stools are stored in the rectum and leaving the body via the anus.</p>	<p>To help prevent tooth decay:</p> <ul style="list-style-type: none"> - limit sugary food and drink - brush teeth twice daily using fluoride toothpaste - visit your dentist regularly <div style="border: 1px solid black; padding: 5px;"> <p align="center">Human Teeth and Their Functions</p>  <p align="center">Some people have wisdom teeth but they have no function now.</p> </div>

The teeth of an animal are designed to eat different foods depending on the diet of the animal. Examples of a **herbivore**, a **carnivore** and an **omnivore** skull:



An Example of a Food Chain

The arrows in a food chain show the flow of energy.



New Vocabulary

digestive system, mouth, teeth, canines, incisor, molar, pre-molar, saliva, tongue, rip/tear/chew/grind/cut, oesophagus (gullet), stomach, small intestine, large intestine, rectum, anus, carnivore, herbivore, omnivore, producer, consumer, predator, prey,

Post Learning

Year 6 : animals including humans