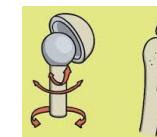


## Year 3 Science - Animals and Nutrition - Spring 1

What am I going to learn in this unit?	Vocabulary I need to know	
<p><b>Sticky Knowledge:</b></p> <ul style="list-style-type: none"> <li>A. Recall the three key functions of the skeleton (movement, support and protection).</li> <li>B. Describe a vertebrate, invertebrate, endoskeleton and exoskeleton.</li> <li>C. Identify and name the skull, spine, ribs and pelvis on a diagram.</li> <li>D. Recall that muscles cause movements in the body, some of which we control by choice and that they cause a movement by shortening and pulling on a bone.</li> <li>E. Recall that animals, including humans, need to eat food to survive.</li> <li>F. Describe some examples of how energy is used by the body and make comparisons about the energy demands between people.</li> <li>G. List some of the seven nutrient groups, name foods that are good sources of them and describe what they are needed for in the body.</li> <li>H. Compare two different meals and explain which is more balanced by naming the nutrient groups and commenting on the relevant proportions.</li> </ul> <p><b>Working Scientifically Skills:</b></p> <ol style="list-style-type: none"> <li>1. Use information about skeletons to group animals.</li> <li>2. Record measurements of different bones and use the data to sort them into size order.</li> <li>3. Describe some ways scientific research has improved the field of bionics/prosthetics, such as the choice of materials or linking their movement to muscles in the arm.</li> <li>4. Find relevant data on food packaging and make numerical comparisons.</li> <li>5. Summarise key information using secondary sources.</li> <li>6. Describe some changes to scientific knowledge and jobs that require this information.</li> </ol>	<p><u><b>Nutrition</b></u></p> 	Food or nourishment necessary for food and growth.
	<p><u><b>Skeleton</b></u></p> 	External framework of bone, cartilage, or other rigid material supporting or containing the body of an animal or plant.
	<p><u><b>Muscles</b></u></p> 	A band or bundle of fibrous tissue in a human or animal body that can contract.
	<p><u><b>Movement</b></u></p> 	An act of moving.
	<p><u><b>Healthy</b></u></p> 	In a good physical or mental condition.
	<p><u><b>Joint</b></u></p> 	A joint is the place where two bones meet.