

Year 3 – Autumn 2 – Animals including Humans	
Meeting Criteria	Higher Attainer
<p><b>Knowledge</b></p> <ul style="list-style-type: none"> <li>• To know that humans and some other animals have skeletons and muscles for support, protection and movement</li> <li>• To identify different muscles in our body and what they do (for example, the heart is a muscle that pumps blood around the body)</li> <li>• To name major bones and know their function (for example, the skull protects the brain and the ribs protect the heart and lungs)</li> <li>• To describe a possible pattern between physical characteristics and athletic ability</li> <li>• To identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat</li> <li>• To know that there are different types of food groups</li> <li>• To know that a balanced diet is needed in order to stay healthy</li> <li>• To know that lack of a nutrient can cause ill health; for example, a lack of vitamin D leads to a disease called rickets</li> <li>• To know that excess of a food group can cause ill health, such as tooth decay due to excess sugar</li> <li>• To observe bones and footprints to give more details about the animals they came from</li> </ul>	<p>Know and research where more obscure muscles and bones are found in the body.</p> <p>Know the difference between exoskeleton and internal skeleton.</p>
<p><b>Skills</b></p> <ul style="list-style-type: none"> <li>• To set up simple practical enquiries, comparative and fair tests</li> <li>• To make observations and take accurate measurements using standard units and equipment, including thermometers and data loggers</li> <li>• To record findings using simple scientific language</li> <li>• To record findings using drawings, diagrams and tables</li> <li>• To report on findings from enquiries, including oral and written explanations</li> <li>• To use straightforward scientific evidence to answer questions or to support their findings</li> </ul>	
<p><b>Vocabulary</b></p> <p>Know, understand and accurately use the following words/phrases:</p> <ul style="list-style-type: none"> <li>• movement</li> <li>• muscles</li> <li>• bones</li> <li>• joints</li> <li>• tendons</li> </ul>	

- skull
- nutrition
- food groups
- skeletons
- air
- water
- nutrients
- energy
- calories
- weight
- involuntary
- voluntary