

Science
Year 3 and 4
Autumn 2

Topic Animals including Humans						
Rationale Spring is an ideal time to encourage outdoor activities, which can be tied to lessons on how muscles and bones function. The pleasant weather makes it easier to organize outdoor classes and physical activities.						
NC Objective <ul style="list-style-type: none"> • 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 • identify that humans and some other animals have skeletons and muscles for support, protection and movement 						
Links to other Subject/Topics. PE – Active lifestyle and exercise PSHE – Inactivity and benefits of exercise						
Inspiration for Aspiration Vet, Veterinary Nurse, Zoo Keeper, Researcher, Animal Care Expert.						
Key Content Year 3 <ul style="list-style-type: none"> • How does our skeleton help us? • Do our bones affect what we can do? • What do our muscles do? • Do all animals have the same skeleton? • What types of nutrition do we need? 			Key Content Year 4 <ul style="list-style-type: none"> • How does our skeleton help us? • Do our bones affect what we can do? • What do our muscles do? • Do all animals have the same skeleton? • What types of nutrition do we need? 			
Concepts						
Science	1	2	3	4	5	6
Plants						
Animals, including Humans						
Materials						
Light						
Sound						
Electricity						
Forces						
Earth and Space						
Skills and Knowledge Year 2 <ul style="list-style-type: none"> • Asks simple questions and recognise that they can be answered in different ways. • Observe closely, using simple equipment • Identify and classify 			Skills and Knowledge Year 3 and 4 <ul style="list-style-type: none"> • Asks simple questions and recognise that they can be answered in different ways. • Observe closely, using simple equipment • Identify and classify • Record findings in a variety of ways. 			
Year 3 and 4 Topic Vocabulary nutrition skeleton muscles unhealthy vertebrate invertebrate			Year 3 and 2 Scientific Vocabulary Investigate, test, observe, equipment, describe, check, key, sequence, label, diagram, discuss, propose,			

	<p>question, experiment compare similarities differences</p>
<p>By the end of the topic <u>Year 3</u> children will with support:-</p> <ul style="list-style-type: none"> • Children can identify that animals including humans need the right types and amount of nutrition. • That animals and humans can not generate their own food and they get nutrition from what they eat. • Children can explain that humans and some other animals have skeletons and muscles for support, protection and movement. 	<p>By the end of the topic <u>Year 4</u> children will: -</p> <ul style="list-style-type: none"> • Children can identify that animals including humans need the right types and amount of nutrition. • That animals and humans can not generate their own food and they get nutrition from what they eat. • Children can explain that humans and some other animals have skeletons and muscles for support, protection and movement.
<p>Assessment</p> <p>Grammarsaurus Cumulative Quiz and Assessment</p>	