



NC OBJECTIVES	KEY KNOWLEDGE AND VOCABULARY
<ul style="list-style-type: none"> <li>• 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>• identify that humans and some other animals have skeletons and muscles for support, protection and movement.</li> <li>• Find out how different parts of the body have special functions</li> <li>• identifying and grouping animals with and without skeletons and observing and comparing their movement; exploring ideas about what would happen if humans did not have skeletons</li> <li>• learn about the importance of nutrition</li> <li>• introduced to the main body parts associated with the skeleton and muscles</li> </ul> <p><u>Working Scientifically</u></p> <ul style="list-style-type: none"> <li>• asking relevant questions and using different types of scientific enquiries to answer them</li> <li>• setting up simple practical enquiries, comparative and fair tests</li> <li>• making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers</li> <li>• gathering, recording, classifying and presenting data in a variety of ways to help in answering questions</li> <li>• recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables</li> <li>• reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions</li> <li>• using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions</li> <li>• identifying differences, similarities or changes related to simple scientific ideas and processes</li> <li>• using straightforward scientific evidence to answer questions or to support their findings.</li> </ul>	<ul style="list-style-type: none"> <li>• Know that animals need the right types and amount of <b>nutrition to survive</b></li> <li>• Know that animals can't make their own food so get nutrition from what they eat</li> <li>• Know that different animals, including pets eat different things</li> <li>• <b>Compare</b> and <b>contrast</b> what different animals eat</li> <li>• Know that animals that eat different things can be grouped in different ways</li> <li>• Know that some animals are <b>herbivores</b>, some are <b>carnivores</b> and some are <b>omnivores</b></li> <li>• Know that some animals have a <b>skeleton</b></li> <li>• Know that some animals have <b>muscles</b></li> <li>• Know that the skeleton and muscles are used for <b>support, protection and movement</b></li> <li>• Know that the skull protects the <b>brain</b></li> <li>• Know that the ribs protects the <b>heart and lungs</b></li> <li>• Know the names of the main parts of the skeleton</li> <li>• Locate the main parts of the skeleton on a diagram</li> <li>• Know animals that do and don't have a skeleton</li> <li>• <b>Classify</b> animals according to whether they have a skeleton or not</li> <li>• Know that animals with and without skeletons move in different ways</li> <li>• Know that muscles are used for <b>movement</b></li> <li>• Know that muscles <b>pull</b> and <b>contract</b></li> </ul>