



NC OBJECTIVES	KEY KNOWLEDGE AND VOCABULARY
<ul style="list-style-type: none"> • recognise that living things can be grouped in a variety of ways • explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment • recognise that environments can change and that this can sometimes pose dangers to living things. <p><u>Working Scientifically</u></p> <ul style="list-style-type: none"> • asking relevant questions and using different types of scientific enquiries to answer them • setting up simple practical enquiries, comparative and fair tests • making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers • gathering, recording, classifying and presenting data in a variety of ways to help in answering questions • recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables • reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions • using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions • identifying differences, similarities or changes related to simple scientific ideas and processes • using straightforward scientific evidence to answer questions or to support their findings. 	<ul style="list-style-type: none"> • Know a variety of habitats • Know why organisms live in different habitats • Know that animals live in a habitat that is suited to their needs • Group organisms according to their characteristics and using different criteria • Know similarities and differences between similar organisms • Know that animals can be organised into specific groups according to their characteristics • Know how to use classification keys • Identify a variety of animals that are vertebrates, invertebrates, mammals, amphibians, insects, reptiles, fish and birds • Identify animals from different environments using classification keys • Know that different animals have different characteristics • Know that humans have an impact on habitats and environments • Know how animals living in environments are affected by human behaviour • Know ways in which we can help protect and sustain habitats • Know how one change in an environment can affect an organism • Know positive ways that humans can affect the environment • Know negative ways that humans can affect the environment • Know how to identify and classify a variety of British plants • Know how to group plants according to their characteristics