

Subject content ( What will be covered)	As a result, what students should know /understand	What students should be able to do (application/skills developed)	By when ( Half term 1 > 6)
Current issues in the countryside	<ul style="list-style-type: none"> <li>• Consider the impact of human activity on animals and the environment and to consider ways to minimise this impact.</li> <li>• Understand the different views people have on the countryside</li> </ul>	<ul style="list-style-type: none"> <li>• Students will consider a number of case studies and will explore views that are not necessarily their own, in addition to expressing their own opinions analyses some of the measures used to conserve species</li> </ul>	Ht1
Animal husbandry/ farming methods	<ul style="list-style-type: none"> <li>• Understand the requirements needed to maintain the health and welfare of farm animals</li> <li>• Be able to understand the importance of providing food and water to production farm animals</li> </ul>	<ul style="list-style-type: none"> <li>• Learn about the welfare of farm livestock and monitoring of livestock, food, water and general health.</li> </ul>	Ht2
Hydrological cycle	<ul style="list-style-type: none"> <li>• Understand what is meant by the hydrological cycle</li> <li>• Explain the key terms of the hydrological cycle</li> <li>• Understand why flooding could occur</li> <li>• What is pollution? How does it affect the water ways</li> <li>• How water is treated</li> </ul>	<ul style="list-style-type: none"> <li>• Explain what the hydrological cycle is</li> <li>• Use scientific words in the correct way and understand what they mean</li> <li>• Be able to identify different types of pollution and explain how it can be treated</li> </ul>	Ht3/4
Birds of prey	<ul style="list-style-type: none"> <li>• Understand the plight of the barn owl and develop their use of PLTS</li> </ul>	<ul style="list-style-type: none"> <li>• Be able to work within a team and develop their knowledge of the barn owl by developing a campaign to raise the profile of them and then presenting their findings to the class</li> </ul>	Ht4/5
Environmental project	<ul style="list-style-type: none"> <li>• To understand what is meant by ‘environmentally friendly’</li> <li>• To understand what a hypothesis is and develop your skills in creating a hypothesis and deciding how to research it</li> </ul>	<ul style="list-style-type: none"> <li>• Students will be able to use a variety of methods to collect data relevant to them</li> <li>• Will be able to write a report on their findings.</li> </ul>	Ht5/6