

Threshold statements : KS3 Ecology Year 7

Threshold	I can...
Excellence	<p>Link changes in our environment to extinction</p> <p>Suggest ways we can reduce factors that affect the pollination of food crops</p> <p>Explain the importance of pollination of food crops to human food supply</p> <p>Suggest ways we can reduce the effects of chemicals on food webs with detailed explanations using key words accurately</p> <p>Predict the effects of using some chemicals on food chains and food webs, with detailed explanations</p> <p>Predict and explain in detail different outcomes of factors affecting food webs</p> <p>Explain, in terms of energy, why food chains rarely have more than 4 or 5 levels between producer and top consumer</p>
Secure	<p>Describe and explain some problems caused by humans to the environment</p> <p>Describe some factors that affect pollination of food crops</p> <p>Relate human population sizes to the need for large supplies of food</p> <p>Explain how using pesticides affects food chains and food webs</p> <p>Predict the effects of a range of changes in food webs with some explanation</p> <p>Explain how some animals and plants adapt to cope with changes in their habitats</p> <p>Construct pyramids of numbers to show relationships in food chains and webs</p> <p>Interpret graphs of predator and prey numbers and explain patterns</p> <p>Use scientific words to explain the relationships between organisms in food webs</p> <p>Describe how we sample living things in ecosystems</p>
Developing	<p>Describe how some animals and plants are adapted for survival in their habitats</p> <p>Describe and explain how numbers of predators and prey are linked</p> <p>Use scientific words to describe the relationship between organisms in a food chain</p> <p>Interpret and draw food chains and food webs</p> <p>Describe how pollination occurs in some food crops</p> <p>Describe how plants reproduce</p>
Emerging	<p>Describe how some habitats change (eg daily, seasonally)</p> <p>Identify some effects of using chemicals in our environment</p> <p>Describe features of the five groups of vertebrates</p>
Foundation	<p>Match plants and animals to their habitats</p> <p>Describe some habitats</p> <p>Describe features of some animal and plant groups</p> <p>State the names and features of some animal and plant groups</p>

