

Science KS3 Assessment Framework

	Beginning Grade 1	Working Towards Grade 2-3	Expected Grade 4-5	Exceeding Grade 6-7	Excelling Grade 8-9
	I can:	I can:	I can:	I can:	I can:
Interdependence	<p>State the definition of a food chain and food web</p> <p>State that one population of organisms can affect another.</p> <p>State that different organisms can co-exist.</p>	<p>Describe what food chains and food webs show.</p> <p>Define interdependence and niches</p> <p>Describe how different organisms co-exist within an ecosystem.</p> <p>Present population data as a graph, and describe simple patterns shown.</p> <p>Describe simple predator-prey relationships.</p> <p>Describe some resources that plants and animals compete for.</p>	<p>Explain the link between food chains and energy.</p> <p>Combine food chains to form a food web.</p> <p>Explain the interdependence of organisms</p> <p>Present population data as a graph to describe trends and draw conclusions.</p> <p>Identify niches within an ecosystem.</p> <p>Use quadrats to take measurements in an ecosystem, describing trends observed.</p> <p>Explain the effect of competition on the individual or the population.</p>	<p>Explain why a food web gives a more accurate representation of feeding relationships than a food chain.</p> <p>Explain effects of toxic materials on a species' population.</p> <p>Explain issues with human food supplies in terms of insect pollinators.</p> <p>Make a deduction based on data about what caused a change in the population of a species.</p>	<p>Explain how toxic materials can accumulate in human food sources.</p> <p>Suggest what might happen when an unfamiliar species is introduced into a food web.</p>