

Name _____ Class _____ Date _____

Lesson	Aiming for 4		Aiming for 6		Aiming for 8	
B16.1 Feeding relationships	I can state the meaning of producer, consumer, predator, prey and give examples of each.	<input type="checkbox"/>	I can identify producers, primary consumers, secondary consumers, tertiary consumers, predators and prey in a food web.	<input type="checkbox"/>	I can explain in detail why all living things depend on producers.	<input type="checkbox"/>
	I can identify producers, consumers, predators and prey in a food chain.	<input type="checkbox"/>	I can describe what happens to a population in a food web when another changes.	<input type="checkbox"/>	I can evaluate in detail food chains/webs as models to show feeding relationships.	<input type="checkbox"/>
	I can describe what a graph shows about how the numbers of predator and prey change over time.	<input type="checkbox"/>	I can plot data as a line graph and explain the pattern of predator and prey populations.	<input type="checkbox"/>	I can make predictions based on data of a predator prey relationship.	<input type="checkbox"/>
B16.2 Materials cycling	I can state what a decomposer is and give examples.	<input type="checkbox"/>	I can explain why decomposers are important to a stable ecosystem.	<input type="checkbox"/>	I can explain how detritivores increase the rate of decay using ideas about surface area.	<input type="checkbox"/>
	I can name some substances that are recycled in the living world.	<input type="checkbox"/>	I can explain the importance of recycling substances.	<input type="checkbox"/>	I can explain how substances change as they decay.	<input type="checkbox"/>
	I can describe the events in the water cycle.	<input type="checkbox"/>	I can describe the events in the decay cycle.	<input type="checkbox"/>	I can comment on the limitations of a simple model of decay.	<input type="checkbox"/>
B16.3 The carbon cycle	I can state that carbon atoms are moved around the Earth (recycled).	<input type="checkbox"/>	I can describe the events in the carbon cycle.	<input type="checkbox"/>	I can explain in detail why the concentration of carbon dioxide in the atmosphere is rising and why this is an issue.	<input type="checkbox"/>
	I can give one reason why we need to recycle carbon.	<input type="checkbox"/>	I can explain why the carbon cycle is vital to life on Earth.	<input type="checkbox"/>	I can explain the links between photosynthesis, respiration and combustion in the carbon cycle.	<input type="checkbox"/>
	I can use a diagram of the carbon cycle to describe the main processes involved.	<input type="checkbox"/>	I can write word equations for photosynthesis, respiration and combustion.	<input type="checkbox"/>	I can write balanced symbol equations for photosynthesis, respiration and combustion.	<input type="checkbox"/>