

High Tunstall College of Science Curriculum Intent

Subject: Biology Year: 7

Thread 6—Ecology



	Biology Thread 6	Progress		
Topic	Key ideas	R	A	G
Ecology	I can describe what an Ecosystem is			
	I can identify factors that affect an Ecosystem			
	I can explain what a food chain and a food web show			
	I can explain how predator and prey populations affect each other			
	I can describe how competition impacts on an organism within a habitat			
	I can explain what Bioaccumulation is			

Lesson	Learning Focus	Assessment	Key Words
1	What is an ecosystem?	Green Pen review of task	Ecosystem , Population, Community, Habitat
2	What are Abiotic and Biotic Factors?	Differentiated Review task	Abiotic, Biotic , Distribution
3	What are Food chains and Food webs?	Finding nemo consolidation task	Energy, producer, consumer , Food web, Food chain
4	What are predator prey ratios?	Graph Analysis task	Predator , Prey, interdependent
5	How does competition affect distribution?	Case study	Distribution, abundance, Adaptation, territory, interdependence
6	What factors affect ecosystems?	Green pen formative assessment	Bioaccumulation , pesticides, Biological control
7	Retrieval	Formative assessment	