

**Ecology Learning Targets.**

Ch. 1 and 2

Learning Target	My Understanding...			
	Just beginning	Minimal (I've got work to do)	Almost there	I've got it!
I can identify biotic and abiotic factors in a given scenario and explain the relationship between these in an ecosystem				
I can identify distinctive plants, animals and climatic characteristics of Canadian biomes.				
I can identify factors that affect the global distribution of the 8 biomes studied in class.				
I can explain various relationships with respect to food chains, webs and pyramids, including producers, consumers, and decomposers, predation, competition				
I can identify or describe the three types of symbiotic relationships.				
I can interpret and explain the storage and cycling of carbon, nitrogen and phosphorus using the 3 diagrams provided.				
I understand how human activities affect nutrient cycles.				
I can explain bioaccumulation and biomagnification as well as identify a variety of contaminants that can bioaccumulate.				

**VOCABULARY**

Chapter 1.

Abiotic  
 Competition  
 Biome  
 Biotic  
 Climate  
 Climatograph  
 Terrestrial  
 Symbiosis  
 Habitat  
 Adaptation  
 Behavioural Adaptation  
 Ecological Hierarchy

Commensalism  
 Community  
 Ecosystem  
 Mutualism  
 Niche  
 Parasitism  
 Predation  
 Species  
 Population  
 Physiological Adaptation  
 Structural Adaptation

Chapter 2.

Biodegradation  
 Consumers  
 Decomposers  
 Food Chain  
 Food Pyramid  
 Food Web  
 Producers  
 Trophic Level  
 Biomass  
 Energy Flow  
 Decomposition  
 Detrivores

Carnivores  
 Omnivores  
 Cellular Respiration  
 Denitrification  
 Nitrification  
 Carbonate  
 Leaching  
 Eutrophication  
 Geologic Uplift  
 Nutrients  
 Photosynthesis  
 Weathering

Sedimentation  
 Bioaccumulation  
 Biomagnification  
 Bioremediation  
 Heavy Metals  
 Keystone Species  
 Parts Per Million  
 PCBs  
 Pesticides  
 Half-life  
 Herbivores  
 Nutrient Cycle