

IB Biology		Per 1			4/13-4/17	
Unit/Theme		Objectives	Activities	Homework	Closure/Review	Assessment
M O N	No School Spring Break	No School Spring Break	No School Spring Break	No School Spring Break	No School Spring Break	No School Spring Break
	No Class	No Class	No Class	No Class	No Class	No Class
T U E S	No Class	No Class	No Class	No Class	No Class	No Class
	Option C3 Impacts of Humans on Ecosystems	<ul style="list-style-type: none"> Introduced alien species can escape into local ecosystems and become invasive. Competitive exclusion and the absence of predators can lead to reduction in the numbers of endemic species when alien species become invasive. Pollutants become concentrated in the tissues of organisms at higher trophic levels by biomagnification. Macroplastic and microplastic debris has accumulated in marine environments. 	<ul style="list-style-type: none"> Turn in DBQ 616,621,622 Notes/Lecture: Option C3 Human Impact on Ecosystems Work on O.C.2 Project Practical 5: Mesocosms (data Collection) 	<ul style="list-style-type: none"> DBQ 628-629 DBQ 631-632 DBQ 635 Read Option C .4 	<ul style="list-style-type: none"> Investigating a disturbance 	<ul style="list-style-type: none"> Energy Pyramids Food Webs
W E D	No Class	No Class	No Class	No Class	No Class	No Class
	Option C4 Conservation of Biodiversity	<ul style="list-style-type: none"> An indicator species is an organism used to assess a specific environmental condition. Relative numbers of indicator species can be used to calculate the value of a biotic index. <i>In situ</i> conservation may require active management of nature reserves or national parks. <i>Ex situ</i> conservation is the preservation of species outside their natural habitats. Biogeographic factors affect species diversity. Richness and evenness are components of biodiversity. 	<ul style="list-style-type: none"> Turn in DBQ 628-629, 631-632, 635 Notes/Lecture: Option C4 Conservation of Biodiversity Simpson Diversity Index Analysis HO Practical 5: Mesocosm Data Collection Work on O.C.2 Project 	<ul style="list-style-type: none"> DBQ 640-641 Read 4.3 and 4.4 Print Coral Reefs and Carbon Dioxide HO 	<ul style="list-style-type: none"> Measuring Biodiversity 	<ul style="list-style-type: none"> Simpson Diversity Index Activity
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