IB Biology		Per 1				3/23-3/27
	Unit/Theme	Objectives	Activities	Homework	Closure/Review	Assessment
MON	No Class	No Class	No Class	No Class	No Class	No Class
TUES	5.1-5.4 Evolution Test	• Demonstrate understanding of Evolution concepts • Interpret data from an evolutionary perspective	• Test: Evolution • **Practical 5: Mesocosms** *Discuss parameters *Design	• Read 4.1 Species, Communities, and Ecocystemss • Bring in water bottles for mesocosm • Bring in supplies for mesocosm	• Material for Mesocosm	• Evolution Test
WED	No Class	No Class	No Class	No Class	No Class	No Class
THURS	4.1 Species, communities, and ecosystems	• Species are groups of organisms that can potentially interbreed to produce fertile offspring. • Members of a species may be reproductively isolated in separate populations. • Species have either an autotrophic or heterotrophic method of nutrition (a few species have both methods). • Consumers are heterotrophs that feed on living organisms by ingestion. • Detritivores are heterotrophs that obtain organic nutrients from detritus by internal digestion. • Saprotrophs are heterotrophs that obtain organic nutrients from dead organisms by external digestion. • A community is formed by populations of different species living together and interacting with each other. • A community forms an ecosystem by its interactions with the abiotic environment. • Autotrophs obtain inorganic nutrients from the abiotic environment. • The supply of inorganic nutrients is maintained by nutrient cycling. • Ecosystems have the potential to be sustainable over long periods of time. • Skill: Classifying species as autotrophs, consumers, detritivores or saprotrophs from a knowledge of their mode of nutrition. • Skill: Setting up sealed mesocosms to try to establish sustainability. (Practical 5)	• Notes/Lecture: 4.1 Species, communities, and ecosystems • **Practical 5: Mesocosms** *Design • Lab: Mark and Recapture	• DBQ 209 • Read option c.1 Species and communities • Bring in supplies for mesocosm	• Quadrant Mapping	• **Practical 5: Mesocosms**
FRI	No Class	No Class	No Class	No Class	No Class	No Class