IB Biology		Per 1				4/20-4/24
	Unit/Theme	Objectives	Activities	Homework	Closure/Review	Assessment
MON	No Class	No Class	No Class	No Class	No Class	No Class
TUES	4.3 Carbon Cycling 4.4 Climate Change	• Carbon dioxide and water vapour are the most significant greenhouse gases. • Other gases including methane and nitrogen oxides have less impact. • The impact of a gas depends on its ability to absorb long wave radiation as • well as on its concentration in the atmosphere. • The warmed Earth emits longer wavelength radiation (heat). • Longer wave radiation is absorbed by greenhouse gases that retain the heat • in the atmosphere. • Global temperatures and climate patterns are influenced by concentrations • of greenhouse gases. • There is a correlation between rising atmospheric concentrations of carbon dioxide since the start of the industrial revolution 200 years ago and average global temperatures. • Recent increases in atmospheric carbon dioxide are largely due to increases in the combustion of fossilized organic matter.	• Turn in DBQ 640-641 • Notes/lecture: *4.3 Cabon Cycling *4.4 Climate Change • Do Coral Reefs and Carbon Dioxide HO • Practical 5: Mesocosm Data Collection	• Coral Reefs HO Due	• Mesocosm Data (pictures?)	• Option C.2 Project
WED	No Class	No Class	No Class	No Class	No Class	No Class
THURS	4.3 Carbon Cycling 4.4 Climate Change	• Carbon dioxide and water vapour are the most significant greenhouse gases. • Other gases including methane and nitrogen oxides have less impact. • The impact of a gas depends on its ability to absorb long wave radiation as • well as on its concentration in the atmosphere. • The warmed Earth emits longer wavelength radiation (heat). • Longer wave radiation is absorbed by greenhouse gases that retain the heat • in the atmosphere. • Global temperatures and climate patterns are influenced by concentrations • of greenhouse gases. • There is a correlation between rising atmospheric concentrations of carbon dioxide since the start of the industrial revolution 200 years ago and average global temperatures. • Recent increases in atmospheric carbon dioxide are largely due to increases in the combustion of fossilized organic matter.	• Turn in DBQ 640-641 • Turn in Coral Reefs HO • Notes/lecture: *4.3 Cabon Cycleing *4.4 Climate Change • Practical 5: Mesocosm Data Collection	• O.C.2 Project Due • Study for Ecology Test	• Mesocosm Data (pictures?)	• Option C.2 Project
FRI	No Class	No Class	No Class	No Class	No Class	No Class