



Interdependency: Environment & Economy Unit Plan



Day	Lesson	Expectations	Activities	Resources
1	Natural Resources	<ul style="list-style-type: none"> Describe the distribution of the world's major biomes and compare the productivity and diversity of select ecosystems (eg the low productivity and diversity of the desert and the high productivity and diversity of tropical rainforests) Describe the interdependence of ecology and economies Explain why it is difficult to make accurate predictions relating to human use of the earth and its resources, and why some predictions are more (or less) accurate than others; Evaluate the economic, social, and ecological impact of current practices used in harvesting or extracting a selected resource (eg the clear cutting of forests, the exporting of fresh water, open pit mining) 	Biomes	
2-3			Resource Profiles	
4	Nature of Food	<ul style="list-style-type: none"> Analyse problems of hunger and poverty in selected countries and explain how certain practices may aggravate the problems (e.g., military spending, natural hazards, the growing of cash crops, foreign monetary interventions); Analyse the causes of economic disparity in the local or regional community; 	Food	
5			Food in North America	
6			Geography of Hunger	
7			Food Supply	
8	Bananas, Coffee, and Deserts	<ul style="list-style-type: none"> Explain how economies and environments in some places can be affected by decisions made in other places (e.g. the southern Ontario automobile industry is affected by decisions made by parent companies in the United States; the delta 	Banana Republics & Coffee Producers	
9			Sahel Regions	

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		<p>region of Bangladesh experience flooding that is partly due to the clearing of forested slopes in the Himalayas);</p> <ul style="list-style-type: none"> • Produce a case study of a specific situation in which resource development has contributed to the disruption of an ecosystem (eg oil extraction and logging on Lubicon Cree Lands in Alberta, construction of hydroelectric dams in Canada or Asia, mining development in Indonesia, tourism development in Antarctica • Explain how human-induced changes in natural systems can diminish their capacity for supporting human activity (e.g. over-fishing on Canada's East Coast, desertification in the Sahel regions of Africa); 		
10	Shortage of Food	<ul style="list-style-type: none"> • Evaluate the short-term and long-term economic, social and environmental effects of efforts to increase the productivity of a selected natural environment (e.g., hydroponic farming, wetland reclamation, hillside terracing, aquaculture); • Identify ways in which countries and regions of the world are becoming increasingly interdependent 	Solving Food Shortages	
11-13		<ul style="list-style-type: none"> • Analyse the impact on natural and human systems of past and current trends in agriculture (e.g., Green Revolution, corporate farming, biotechnology, monoculture, organic farming); • Explain how inequities in the distribution of resources (e.g. water scarcity, unequal land distribution) and boundary disputes (e.g. confiscation of land contribute to uprisings and conflicts); 	A Watery World	
14	A Nation's Interdependence	<ul style="list-style-type: none"> • 	CA Presentations	
15	Interdependency Unit Test	<ul style="list-style-type: none"> • 	Test	