



Impact Assessment & Environmental Protection Unit Plan



Day	Lesson	Expectations	Activities	Resources
1	Using Natural Resources	<ul style="list-style-type: none"> – evaluate the effects of fossil fuel use (e.g., for transportation, heat, manufacturing) on urban and rural environments; – predict the social, economic, and environmental effects of the extraction and depletion of selected resources (e.g., overfishing/ fish stocks; logging/rainforests; mining/various minerals; pollution of water sources / water supply; urban sprawl/supply of arable land); – analyse how global resource consumption is related to environmental degradation; 	Burn, Baby, Burn Overfishing Open Pit Mining Who Will Speak for the Thneeds?	<i>Burn</i> (Bruce Cockburn) <i>The Lorax</i> (Dr. Seuss)
	Environmental Protection	<ul style="list-style-type: none"> – explain how selected environmental protection principles and initiatives (e.g., voluntary compliance, polluter-pays principle, zero discharge policy, wildlife migration corridors, pollution taxes and credits) could contribute to economic and environmental sustainability; – explain how environmental policies can affect the economy (e.g., through job creation or reduction, health costs, costs and benefits of research and development); – compare Canada’s efforts to protect endangered spaces and species with those of another country; – analyse the environmental-protection activities of non-governmental organizations (e.g., the Sierra Club, Greenpeace, the World Wildlife Fund). – describe the rights and responsibilities of 	Governments NGOs Individuals Evaluating Effectiveness	 <i>A Civil Action, Erin Brockovich, Grey Owl, An Inconvenient Truth</i>

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		<p>individuals with respect to protecting the environment for future generations;</p> <ul style="list-style-type: none"> – evaluate the effectiveness of the efforts of individuals, groups, organizations, and agreements (e.g., United Nations, Kyoto Protocol) to implement solutions to global environmental concerns; 		
	World Heritage Sites	<ul style="list-style-type: none"> – summarize the requirements for including natural sites on the list of World Heritage Sites; – describe the distribution of natural World Heritage Sites in Canada (e.g., Dinosaur Provincial Park, Gros Morne National Park, Nahanni National Park) and explain why the sites were chosen; – make recommendations for the creation of a new natural World Heritage Site. 	The Selection Process	
			WHS in Canada	
			Propose Your Own WHS	
			National Parks of Canada	
	Waste Management	<ul style="list-style-type: none"> – compare the economic and environmental implications of various waste management methods (e.g., reduce, reuse, recycle; land-fills; incinerators). 	At the Road	
			Once It's Been Collected	
	Impact Assessment	<ul style="list-style-type: none"> – explain the purpose and nature of environmental-impact assessments; – assess the impact of an introduced species (e.g., zebra mussel, purple loosestrife, Asian long-horned beetle) on an ecosystem; – explain the impact of selected land use practices (e.g., irrigation, pesticide use, urban sprawl, wetland alteration) on human and natural systems; – analyse the environmental impact of a particular industry or human system (e.g., tourism, diamond mining, a transportation system, a city) and recommend practices to promote economic and environmental sustainability. 	EIAs in Brief	
			Foreign Species	
			Human Practices	
			EIA of a City	
	Test			