



Human-Environment Interactions Unit Plan



Day	Lesson	Expectations	Activities	Resources
1	The Circle of Life	<ul style="list-style-type: none"> – illustrate how human systems (e.g., land use, transportation networks, beliefs) and natural systems interact within the local ecosystem; – explain how human well-being and survival depend on complex linkages with other components of the biosphere; – explain how various factors and processes determine the spatial distribution and short-term and long-term availability of a selected resource. – evaluate the environmental, economic, and social implications of resource dependency for various individuals or groups (e.g., indigenous peoples, lumber companies, pharmaceutical companies, farmers, tourists); 	We Are All Connected	<i>The Lion King</i>
			Availability of Resources	
			Implications of Resource Dependency	
	Humans Affecting the Environment	<ul style="list-style-type: none"> – analyse ways in which selected human activities alter the natural environment (e.g., clear-cutting, pipeline construction, reforestation, wetland restoration); – explain the effects on human health and the environment of the use and proliferation of selected chemicals – explain how growth in population and economic activity around the world increases pressure on natural resources and natural systems (e.g., the effects of urbanization and loss of agricultural land on food production); 	Changing the Landscape	
			Urbanization	
	Environment Affecting Humans	<ul style="list-style-type: none"> – illustrate ways in which environmental degradation is related to human health concerns (e.g., smog and respiratory problems); – evaluate the impact on both human and natural systems of a selected environmental 	Human Health at Risk	<i>An Inconvenient Truth</i>
			A Lack of Forests	<i>Medicine Man</i>
			Climate Change	<i>The Day After Tomorrow</i>
			Water, Water,	

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		or resource management problem (e.g., tropical deforestation, climate change, water scarcity);	Everywhere?!	
	Ecological Footprint	<ul style="list-style-type: none"> – explain the difference between needs (e.g., water, air, food, shelter) and wants (e.g., material goods, luxury items); – estimate personal and class “ecological footprints” (e.g., based on consumption of resources, production of wastes). – produce a plan to reduce personal and class “ecological footprints”; 	Difference Between Wants & Needs	<i>If I Had a Million Dollars</i> (Bare Naked Ladies)
			Your Impact	
			Reducing Our Footprint	
	Test			