



K-7 CURRICULUM MAP BY SUBJECT AREA

IRP	Grade	Selected PLOs related to Sustainability & the Environment	Complexity	Aesthetics	Responsibility	Ethics
SCIENCE K - 7 (2005)	K	• describe ways to rethink, refuse, reduce, reuse, and recycle	C	A	R	E
		• describe features of local plants and animals	C	A		
		• compare local plants	C	A		
		• compare common animals	C	A		
		• describe features of their immediate environment	C	A		
	1	• classify living and non-living things	C	A		
		• describe how the basic needs of plants and animals are met in their environment	C	A		
		• describe changes that occur in daily and seasonal cycles and their effects on living things	C	A		
		• describe activities of Aboriginal peoples in BC in each seasonal cycle	C	A		E
	2	• classify familiar animals according to similarities and differences in appearance, behaviour, and life cycles	C	A		
		• describe some changes that affect animals	C			
		• describe how animals are important in the lives of Aboriginal peoples in BC	C	A	R	E
		• describe ways in which animals are important to other living things and the environment	C	A	R	E
		• describe physical properties of air, water, and soil	C			
		• distinguish ways in which air, water, and soil interact	C	A		
		• explain why air, water, and soil are important for living things	C	A	R	E
	3	• compare familiar plants according to similarities and differences in appearance and life style	C	A		
		• describe ways in which plants are important to other living things and the environment	C	A	R	E
		• describe how plants are harvested and used throughout the seasons	C	A	R	E
	4	• compare the structures and behaviours of local animals and plants in different habitats and communities	C	A		
		• measure weather in terms of temperature, precipitation, cloud cover, wind speed and direction	C	A		
		• analyse impacts of weather conditions on living and non-living things	C	A	R	E
		• analyse simple food chains	C	A		
		• demonstrate awareness of the Aboriginal concept of respect for the environment	C	A	R	E
		• determine how personal choices and actions have environmental consequences	C	A	R	E

IRP	Grade	Selected PLOs related to Sustainability & the Environment	Complexity	Aesthetics	Responsibility	Ethics
SCIENCE K - 7 (2005)	5	• describe the basic structure and functions of the human body systems	C	A		
		• explain how the different body systems are interconnected	C	A		
		• analyse how BC's living and non-living resources are used	C	A	R	E
		• identify methods of extracting or harvesting and processing BC's resources	C			
		• analyse how the Aboriginal concept of interconnectedness of the environment is reflected in responsibility for and caretaking of resources	C	A	R	E
		• describe potential environmental impacts of using BC's living and non-living resources	C	A	R	E
	6	• analyse how different organisms adapt to their environments	C	A	R	E
		• distinguish between life forms as single or multi-celled organisms and belonging to one of five kingdoms	C	A		
		• differentiate between renewable and non-renewable methods of producing electrical energy	C	A	R	E
	7	• analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems	C	A	R	E
		• assess survival needs and interactions between organisms and the environment	C	A	R	E
		• assess the requirements for sustaining healthy local ecosystems	C	A	R	E
		• evaluate human impacts on local ecosystems	C	A	R	E
		• explain how the Earth's surface changes over time	C	A		

