Program: Climate Policy Quest	Grade 9 - Alberta Science Curriculum Connections	

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Activity Name	Organizing Idea	Learning Outcome
Activity: Evolution of Climate Science	N/A	*At this time, there are no grade 9 science curriculum connections for this program.*
Activity: Global Impacts of Climate Change	N/A	
Activity: How is Climate Change Shaping the World?	N/A	
Activity: Building a Low-Carbon Future: The Need for Collective Action	N/A	
Activity: Exploring the Need for Climate Policy	N/A	
Activity: Market Failures: What Role Can Policy Play in Building a Low-Carbon Future?	N/A	
Activity: How Does Canada Contribute to Global GHG Emissions?	N/A	
Activity: What Role Can Canada Play in Global Climate Actions	N/A	
Activity: Climate Policy Options	N/A	
Activity: What Makes a Good Climate Change Policy?	N/A	
Activity: Climate Change Policy Simulator	N/A	
Activity: Climate Change Policy and Indigenous Relations	N/A	
Activity: The Negative Externalities Game: Collective Action to Address Climate Change	N/A	
Activity: Climate Justice in the Canadian Arctic	N/A	

Program: Climate Policy Quest	Grade 10 - Alberta Science Curriculum Connections	

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Activity Name	Organizing Idea	Learning Outcome
Activity: Evolution of Climate Science	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: Global Impacts of Climate Change	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: How is Climate Change Shaping the World?	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: Building a Low-Carbon Future: The Need for Collective Action	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change

Activity: Exploring the Need for Climate Policy	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: Market Failures: What Role Can Policy Play in Building a Low-Carbon Future?	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: How Does Canada Contribute to Global GHG Emissions?	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: What Role Can Canada Play in Global Climate Actions	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: Climate Policy Options	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: What Makes a Good Climate Change Policy?	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change

Activity: Climate Change Policy Simulator	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: Climate Change Policy and Indigenous Relations	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: The Negative Externalities Game: Collective Action to Address Climate Change	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change
Activity: Climate Justice in the Canadian Arctic	10 - Unit D: Energy Flow in Global Systems	Describe how the relationships among input solar energy, output terrestrial energy and energy flow within the biosphere affect the lives of humans and other species
		Relate climate to the characteristics of the world's major biomes, and compare biomes in different regions of the world
		Investigate and interpret the role of environmental factors on global energy transfer and climate change