



Program: The Ripple Effect		Grade 3 - Alberta Science Curriculum Connections		 greenlearning.ca programs@greenlearning.ca
Activity Name	Organizing Idea	Learning Outcome		
<a href="#">Activity: Ripples of Changes</a>	Matter	Students investigate and analyze how materials have the potential to be changed.		
	Scientific Methods	Students relate investigation to building knowledge.		
<a href="#">Activity: Des Ondes de Changement</a>	Matter	Students investigate and analyze how materials have the potential to be changed.		
	Scientific Methods	Students relate investigation to building knowledge.		
<a href="#">Activity: Float on with Argo</a>	Grade 9-12			
<a href="#">Activity: How to Conduct Ocean Policy Research</a>	Grade 9-12			
<a href="#">Activity: What is Ocean Policy?</a>	Grade 9-12			
<a href="#">Activity: What is a Blue Economy?</a>	Grade 9-12			
<a href="#">Activity: Flotter avec Argo</a>	Grade 9-12			
<a href="#">Activity: Qu'est-ce que la politique océanique?</a>	Grade 9-12			
<a href="#">Activity: Quel est l'objectif d'une économie bleue?</a>	Grade 9-12			
<a href="#">Activity: The Plastic Cycle Interactive</a>	Grade 4-8			
<a href="#">Activity: Argo Floats!</a>	Grade 4-8			
<a href="#">Activity: Sustainable Ocean Industries</a>	Grade 4-8			
<a href="#">Activity: Protecting Our Oceans</a>	Grade 4-8			
<a href="#">Activity: Le Cycle du Plastique</a>	Grade 4-8			
<a href="#">Activity: Les Flotteurs Argo!</a>	Grade 4-8			
<a href="#">Activity: Industries Océaniques Durables</a>	Grade 4-8			
<a href="#">Activity: Protéger nos Océans</a>	Grade 4-8			

Program: The Ripple Effect	Grade 4 - Alberta Science Curriculum Connections		 greenlearning.ca programs@greenlearning.ca
Activity Name	Organizing Idea	Learning Outcome	
<a href="#">Activity: Ripples of Changes</a>	Earth Systems	Students investigate the systems of Earth and reflect on how their interconnections sustain life.	
	Scientific Methods	Students investigate evidence and reflect on its role in science.	
<a href="#">Activity: Des Ondes de Changement</a>	Earth Systems	Students investigate the systems of Earth and reflect on how their interconnections sustain life.	
	Scientific Methods	Students investigate evidence and reflect on its role in science.	
<a href="#">Activity: Float on with Argo</a>	Grade 9-12		
<a href="#">Activity: How to Conduct Ocean Policy Research</a>	Grade 9-12		
<a href="#">Activity: What is Ocean Policy?</a>	Grade 9-12		
<a href="#">Activity: What is a Blue Economy?</a>	Grade 9-12		
<a href="#">Activity: Flotter avec Argo</a>	Grade 9-12		
<a href="#">Activity: Qu'est-ce que la politique océanique?</a>	Grade 9-12		
<a href="#">Activity: Quel est l'objectif d'une économie bleue?</a>	Grade 9-12		
<a href="#">Activity: The Plastic Cycle Interactive</a>	Matter	Students investigate the management of waste and dangerous materials and describe environmental impacts.	
	Scientific Methods	Students investigate evidence and reflect on its role in science.	
<a href="#">Activity: Argo Floats!</a>	Scientific Methods	Students investigate evidence and reflect on its role in science.	
<a href="#">Activity: Sustainable Ocean Industries</a>	Scientific Methods	Students investigate evidence and reflect on its role in science.	
<a href="#">Activity: Protecting Our Oceans</a>	Scientific Methods	Students investigate evidence and reflect on its role in science.	
<a href="#">Activity: Le Cycle du Plastique</a>	Matter	Students investigate the management of waste and dangerous materials and describe environmental impacts.	
	Scientific Methods	Students investigate evidence and reflect on its role in science.	
<a href="#">Activity: Les Flotteurs Argo!</a>	Scientific Methods	Students investigate evidence and reflect on its role in science.	
<a href="#">Activity: Industries Océaniques Durables</a>	Scientific Methods	Students investigate evidence and reflect on its role in science.	

Activity: Protéger nos Océans	Scientific Methods	Students investigate evidence and reflect on its role in science.
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# Program: The Ripple Effect

## Grade 5 - Alberta Science Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
<a href="#">Activity: Ripples of Changes</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
<a href="#">Activity: Des Ondes de Changement</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
<a href="#">Activity: Float on with Argo</a>	Grade 9-12	
<a href="#">Activity: How to Conduct Ocean Policy Research</a>	Grade 9-12	
<a href="#">Activity: What is Ocean Policy?</a>	Grade 9-12	
<a href="#">Activity: What is a Blue Economy?</a>	Grade 9-12	
<a href="#">Activity: Flotter avec Argo</a>	Grade 9-12	
<a href="#">Activity: Qu'est-ce que la politique océanique?</a>	Grade 9-12	
<a href="#">Activity: Quel est l'objectif d'une économie bleue?</a>	Grade 9-12	
<a href="#">Activity: The Plastic Cycle Interactive</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
<a href="#">Activity: Argo Floats!</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
<a href="#">Activity: Sustainable Ocean Industries</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
<a href="#">Activity: Protecting Our Oceans</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
<a href="#">Activity: Le Cycle du Plastique</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
<a href="#">Activity: Les Flotteurs Argo!</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
<a href="#">Activity: Industries Océaniques Durables</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
<a href="#">Activity: Protéger nos Océans</a>	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.


# Program: The Ripple Effect

## Grade 6 - Alberta Science Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
<a href="#">Activity: Ripples of Changes</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.
<a href="#">Activity: Des Ondes de Changement</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.
<a href="#">Activity: Float on with Argo</a>	Grade 9-12	
<a href="#">Activity: How to Conduct Ocean Policy Research</a>	Grade 9-12	
<a href="#">Activity: What is Ocean Policy?</a>	Grade 9-12	
<a href="#">Activity: What is a Blue Economy?</a>	Grade 9-12	
<a href="#">Activity: Flotter avec Argo</a>	Grade 9-12	
<a href="#">Activity: Qu'est-ce que la politique océanique?</a>	Grade 9-12	
<a href="#">Activity: Quel est l'objectif d'une économie bleue?</a>	Grade 9-12	
<a href="#">Activity: The Plastic Cycle Interactive</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.
<a href="#">Activity: Argo Floats!</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.
<a href="#">Activity: Sustainable Ocean Industries</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.
<a href="#">Activity: Protecting Our Oceans</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.

<a href="#">Activity: Le Cycle du Plastique</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.
<a href="#">Activity: Les Flotteurs Argo!</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.
<a href="#">Activity: Industries Océaniques Durables</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.
<a href="#">Activity: Protéger nos Océans</a>	Earth Systems	Students investigate climate, changes in climate, and the impact of climate change on Earth.
	Scientific Methods	Students investigate and describe the role of explanation in science.

Program: The Ripple Effect	Grade 7 - Alberta Science Curriculum Connections		 greenlearning.ca programs@greenlearning.ca
Activity Name	Organizing Idea	Learning Outcome	
<a href="#">Activity: Ripples of Changes</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions	
		Trace and interpret the flow of energy and materials within an ecosystem	
<a href="#">Activity: Des Ondes de Changement</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions	
		Trace and interpret the flow of energy and materials within an ecosystem	
<a href="#">Activity: Float on with Argo</a>	Grade 9-12		
<a href="#">Activity: How to Conduct Ocean Policy Research</a>	Grade 9-12		
<a href="#">Activity: What is Ocean Policy?</a>	Grade 9-12		
<a href="#">Activity: What is a Blue Economy?</a>	Grade 9-12		
<a href="#">Activity: Flotter avec Argo</a>	Grade 9-12		
<a href="#">Activity: Qu'est-ce que la politique océanique?</a>	Grade 9-12		
<a href="#">Activity: Quel est l'objectif d'une économie bleue?</a>	Grade 9-12		
<a href="#">Activity: The Plastic Cycle Interactive</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions	
		Trace and interpret the flow of energy and materials within an ecosystem	
<a href="#">Activity: Argo Floats!</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions	
		Trace and interpret the flow of energy and materials within an ecosystem	
<a href="#">Activity: Sustainable Ocean Industries</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions	
		Trace and interpret the flow of energy and materials within an ecosystem	

<a href="#">Activity: Protecting Our Oceans</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions
		Trace and interpret the flow of energy and materials within an ecosystem
<a href="#">Activity: Le Cycle du Plastique</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions
		Trace and interpret the flow of energy and materials within an ecosystem
<a href="#">Activity: Les Flotteurs Argo!</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions
		Trace and interpret the flow of energy and materials within an ecosystem
<a href="#">Activity: Industries Océaniques Durables</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions
		Trace and interpret the flow of energy and materials within an ecosystem
<a href="#">Activity: Protéger nos Océans</a>	Interactions and Ecosystems	Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions
		Trace and interpret the flow of energy and materials within an ecosystem



Program: The Ripple Effect

Grade 8 - Alberta Science Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
<a href="#">Activity: Ripples of Changes</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
<a href="#">Activity: Des Ondes de Changement</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
<a href="#">Activity: Float on with Argo</a>	Grade 9-12	
<a href="#">Activity: How to Conduct Ocean Policy Research</a>	Grade 9-12	
<a href="#">Activity: What is Ocean Policy?</a>	Grade 9-12	
<a href="#">Activity: What is a Blue Economy?</a>	Grade 9-12	
<a href="#">Activity: Flotter avec Argo</a>	Grade 9-12	
<a href="#">Activity: Qu'est-ce que la politique océanique?</a>	Grade 9-12	
<a href="#">Activity: Quel est l'objectif d'une économie bleue?</a>	Grade 9-12	
<a href="#">Activity: The Plastic Cycle Interactive</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
<a href="#">Activity: Argo Floats!</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
<a href="#">Activity: Sustainable Ocean Industries</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues

<a href="#">Activity: Protecting Our Oceans</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
<a href="#">Activity: Le Cycle du Plastique</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
<a href="#">Activity: Les Flotteurs Argo!</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
<a href="#">Activity: Industries Océaniques Durables</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
<a href="#">Activity: Protéger nos Océans</a>	Mix and Flow of Matter	Identify, interpret and apply technologies based on properties of fluids
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues

# Program: The Ripple Effect

## Grade 9 - Alberta Science Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
<a href="#">Activity: Ripples of Changes</a>	N/A	At this time, there are no grade 9 science curriculum connections for this program.
<a href="#">Activity: Des Ondes de Changement</a>	N/A	
<a href="#">Activity: Float on with Argo</a>	N/A	
<a href="#">Activity: How to Conduct Ocean Policy Research</a>	N/A	
<a href="#">Activity: What is Ocean Policy?</a>	N/A	
<a href="#">Activity: What is a Blue Economy?</a>	N/A	
<a href="#">Activity: Flotter avec Argo</a>	N/A	
<a href="#">Activity: Qu'est-ce que la politique océanique?</a>	N/A	
<a href="#">Activity: Quel est l'objectif d'une économie bleue?</a>	N/A	
<a href="#">Activity: The Plastic Cycle Interactive</a>	Grade 4-8	
<a href="#">Activity: Argo Floats!</a>	Grade 4-8	
<a href="#">Activity: Sustainable Ocean Industries</a>	Grade 4-8	
<a href="#">Activity: Protecting Our Oceans</a>	Grade 4-8	
<a href="#">Activity: Le Cycle du Plastique</a>	Grade 4-8	
<a href="#">Activity: Les Flotteurs Argo!</a>	Grade 4-8	
<a href="#">Activity: Industries Océaniques Durables</a>	Grade 4-8	
<a href="#">Activity: Protéger nos Océans</a>	Grade 4-8	

# Program: The Ripple Effect

## Grade 10 - Alberta Science Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
<a href="#">Activity: Ripples of Changes</a>	Unit D: Energy Flow in Global Systems	Investigate and interpret the role of environmental factors on global energy transfer and climate change
<a href="#">Activity: Des Ondes de Changement</a>	Unit D: Energy Flow in Global Systems	Investigate and interpret the role of environmental factors on global energy transfer and climate change
<a href="#">Activity: Float on with Argo</a>	Unit D: Energy Flow in Global Systems	Investigate and interpret the role of environmental factors on global energy transfer and climate change
<a href="#">Activity: How to Conduct Ocean Policy Research</a>	Unit D: Energy Flow in Global Systems	Investigate and interpret the role of environmental factors on global energy transfer and climate change
<a href="#">Activity: What is Ocean Policy?</a>	Unit D: Energy Flow in Global Systems	Investigate and interpret the role of environmental factors on global energy transfer and climate change
<a href="#">Activity: What is a Blue Economy?</a>	Unit D: Energy Flow in Global Systems	Investigate and interpret the role of environmental factors on global energy transfer and climate change
<a href="#">Activity: Flotter avec Argo</a>	Unit D: Energy Flow in Global Systems	Investigate and interpret the role of environmental factors on global energy transfer and climate change
<a href="#">Activity: Qu'est-ce que la politique océanique?</a>	Unit D: Energy Flow in Global Systems	Investigate and interpret the role of environmental factors on global energy transfer and climate change
<a href="#">Activity: Quel est l'objectif d'une économie bleue?</a>	Unit D: Energy Flow in Global Systems	Investigate and interpret the role of environmental factors on global energy transfer and climate change
<a href="#">Activity: The Plastic Cycle Interactive</a>	Grade 4-8	
<a href="#">Activity: Argo Floats!</a>	Grade 4-8	
<a href="#">Activity: Sustainable Ocean Industries</a>	Grade 4-8	
<a href="#">Activity: Protecting Our Oceans</a>	Grade 4-8	
<a href="#">Activity: Le Cycle du Plastique</a>	Grade 4-8	
<a href="#">Activity: Les Flotteurs Argo!</a>	Grade 4-8	
<a href="#">Activity: Industries Océaniques Durables</a>	Grade 4-8	
<a href="#">Activity: Protéger nos Océans</a>	Grade 4-8	