Program: The Ripple Effect

Grade 5 - Ontario Science and Technology Curriculum

greenlearning.ca
programs@greenlearning.ca

Activity Name	Organizing Idea	Learning Outcome
Activity: Ripples of Changes	A. Stem Skills and Connections	A3. Applications, Connections, and Contributions – Demonstrate an understanding of the practical applications of science and technology, and of contributions to science and technology from people with diverse lived experiences
Activity: Des Ondes de Changement	A. Stem Skills and Connections	A3. Applications, Connections, and Contributions – Demonstrate an understanding of the practical applications of science and technology, and of contributions to science and technology from people with diverse lived experiences
Activity: Float on with Argo	**Grade 9-12**	
Activity: How to Conduct Ocean Policy Research	**Grade 9-12**	
Activity: What is Ocean Policy?	**Grade 9-12**	
Activity: What is a Blue Economy?	**Grade 9-12**	
Activity: Flotter avec Argo	**Grade 9-12**	
Activity: Qu'est-ce que la politique océanique?	**Grade 9-12**	
Activity: Quel est l'objectif d'une économie bleue?	**Grade 9-12**	
Activity: The Plastic Cycle Interactive	C. Matter and Energy: Properties of and Changes in Matter	C1. Relating Science and Technology to Our Changing World – Assess the impacts on society and the environment of various processes and materials used in the manufacture of common products, and ways to mitigate negative impacts
Activity: Argo Floats!	A. Stem Skills and Connections	A1. STEM Investigation and Communication Skills – Use a scientific research process, a scientific experimentation process, and an engineering design process to conduct investigations, following appropriate health and safety procedures
	D. Structures and Mechanisms: Forces Acting on Structures	D1. Relating Science and Technology to Our Changing World – Analyse social and environmental impacts of forces acting on structures, and assess ways to mitigate these impacts
Activity: Sustainable Ocean Industries	A. Stem Skills and Connections	A2. Coding and Emerging Technologies – Use coding in investigations and to model concepts, and assess the impact of coding and of emerging technologies on everyday life and in STEM-related fields

Activity: Protecting Our Oceans	A. Stem Skills and Connections	A1. STEM Investigation and Communication Skills – Use a scientific research process, a scientific experimentation process, and an engineering design process to conduct investigations, following appropriate health and safety procedures
Activity: Le Cycle du Plastique	C. Matter and Energy: Properties of and Changes in Matter	C1. Relating Science and Technology to Our Changing World – Assess the impacts on society and the environment of various processes and materials used in the manufacture of common products, and ways to mitigate negative impacts
Activity: Les Flotteurs Argo!	A. Stem Skills and Connections	A1. STEM Investigation and Communication Skills – Use a scientific research process, a scientific experimentation process, and an engineering design process to conduct investigations, following appropriate health and safety procedures
	D. Structures and Mechanisms: Forces Acting on Structures	D1. Relating Science and Technology to Our Changing World - Analyse social and environmental impacts of forces acting on structures, and assess ways to mitigate these impacts
Activity: Industries Océaniques Durables	A. Stem Skills and Connections	A2. Coding and Emerging Technologies – Use coding in investigations and to model concepts, and assess the impact of coding and of emerging technologies on everyday life and in STEM-related fields
Activity: Protéger nos Océans	A. Stem Skills and Connections	A1. STEM Investigation and Communication Skills – Use a scientific research process, a scientific experimentation process, and an engineering design process to conduct investigations, following appropriate health and safety procedures