Program: Eco 360	Grade 3 – Ontario Science and Technology Curriculum Connections	

greenlearning.ca
programs@greenlearning.ca

Activity Name	Organizing Idea	Learning Outcome
Activity: All About Plastics	D. Structures and Mechanisms: Strong and Stable Structures	D1. Relating Science and Technology to Our Changing World – Assess the importance of form, function, strength, and stability in structures to society and the environment
Activity: Circular Economy and the UN's Sustainable Development Goals	E. Earth and Space Systems: Soils in the Environment	E1. Relating Science and Technology to Our Changing World – Assess the importance of soils for society and the environment, and the impact of human activity on soils
Activity: How Plastic Waste Harms the Environment	A. Stem Skills and Connection	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
	D. Structures and Mechanisms: Strong and Stable Structures	D1. Relating Science and Technology to Our Changing World – Assess the importance of form, function, strength, and stability in structures to society and the environment
Activity: Imagine a Waste-Free Economy	A. Stem Skills and Connection	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: Strong and Stable Structures	D1. Relating Science and Technology to Our Changing World – Assess the importance of form, function, strength, and stability in structures to society and the environment
		D2. Exploring and Understanding Concepts – Demonstrate an understanding of the concepts of strength and stability as they relate to structures with various forms and functions, and of the factors that affect structures' strength and stability
Activity: Our Plastic Consumption Footprint	A. Stem Skills and Connection	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: Plastic Remake	A. Stem Skills and Connection	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: Plastic in Our Oceans	**N/A**	
Activity: Sorting Your Waste	A. Stem Skills and Connection	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: Taking Inspiration from Nature	B. Life Systems: Growth and Changes in Plants	B1. Relating Science and Technology to Our Changing World – Assess ways in which plants are beneficial to society and the environment, and ways in which human activity has an impact on plants and plant habitats
		B2. Exploring and Understanding Concepts – Demonstrate an understanding of characteristics and uses of plants and of plants' responses to the natural environment
Activity: Types of Plastics	A. Stem Skills and Connection	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
	D. Structures and Mechanisms: Strong and Stable Structures	D2. Exploring and Understanding Concepts – Demonstrate an understanding of the concepts of strength and stability as they relate to structures with various forms and functions, and of the factors that affect structures' strength and stability
Activity: Why Do We Have Plastic Waste in the Environment?	**N/A**	