

Program: Eco 360

Grade 5 - Alberta Science Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
Activity: All About Plastics	Matter	Students investigate the particle model of matter in relation to the physical properties of solids, liquids, and gases.
	Computer Science	Students apply design processes when creating artifacts that can be used by a human or machine to address a need.
Activity: Circular Economy and the UN's Sustainable Development Goals	Computer Science	Students apply design processes when creating artifacts that can be used by a human or machine to address a need.
Activity: How Plastic Waste Harms the Environment	Computer Science	Students apply design processes when creating artifacts that can be used by a human or machine to address a need.
	Scientific Methods	Students investigate how evidence is gathered and explain the importance of ethics in science.
Activity: Imagine a Waste-Free Economy	Computer Science	Students apply design processes when creating artifacts that can be used by a human or machine to address a need.
Activity: Our Plastic Consumption Footprint	Computer Science	Students apply design processes when creating artifacts that can be used by a human or machine to address a need.
Activity: Plastic Remake	Computer Science	Students apply design processes when creating artifacts that can be used by a human or machine to address a need.
	Scientific Methods	Students investigate how evidence is gathered and explain the importance of ethics in science.
Activity: Plastic in Our Oceans	Earth Systems	Students analyze climate and connect it to weather conditions and agricultural practices.
Activity: Sorting Your Waste	Computer Science	Students apply design processes when creating artifacts that can be used by a human or machine to address a need.
Activity: Taking Inspiration from Nature	Living Systems	Students investigate the internal systems of organisms and explain how they support vital biological processes.
Activity: Types of Plastics	Matter	Students investigate the particle model of matter in relation to the physical properties of solids, liquids, and gases.
Activity: Why Do We Have Plastic Waste in the Environment?	Scientific Methods	Students investigate how evidence is gathered and explain the importance of ethics in science.