

Activity Name	Organizing Idea	Learning Outcome
Activity: All About Plastics	Mix and Flow of Matter	Investigate and describe fluids used in technological devices and everyday materials
	Freshwater and Saltwater Systems	Describe the distribution and characteristics of water in local and global environments, and identify the significance of water supply and quality to the needs of humans and other living things
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
Activity: Circular Economy and the UN's Sustainable Development Goals	Freshwater and Saltwater Systems	Describe the distribution and characteristics of water in local and global environments, and identify the significance of water supply and quality to the needs of humans and other living things
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
Activity: How Plastic Waste Harms the Environment	Freshwater and Saltwater Systems	Describe the distribution and characteristics of water in local and global environments, and identify the significance of water supply and quality to the needs of humans and other living things
		Investigate and interpret linkages among landforms, water and climate
		Analyze factors affecting productivity and species distribution in marine and freshwater environments
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
Activity: Imagine a Waste-Free Economy	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
Activity: Our Plastic Consumption Footprint	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
Activity: Plastic Remake	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate

Activity: Plastic in Our Oceans	Freshwater and Saltwater Systems	Describe the distribution and characteristics of water in local and global environments, and identify the significance of water supply and quality to the needs of humans and other living things
		Investigate and interpret linkages among landforms, water and climate
		Analyze factors affecting productivity and species distribution in marine and freshwater environments
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
Activity: Sorting Your Waste	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
Activity: Taking Inspiration From Nature	Freshwater and Saltwater Systems	Describe the distribution and characteristics of water in local and global environments, and identify the significance of water supply and quality to the needs of humans and other living things
		Investigate and interpret linkages among landforms, water and climate
		Analyze factors affecting productivity and species distribution in marine and freshwater environments
		Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues
Activity: Types of Plastics	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate
Activity: Why Do We Have Plastic Waste In Our Environment?	Cells and Systems	Investigate living things; and identify and apply scientific ideas used to interpret their general structure, function and organization
		Investigate and describe the role of cells within living things
	Freshwater and Saltwater Systems	Investigate and interpret linkages among landforms, water and climate