

Program: Flood:ED

Grade 9 – British Columbia Science Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
Activity: Hot Spot Investigators	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: School Greening: Investigating Simulator Solutions	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Flood Risk Management Awareness	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: FLOOD:ED School Greening Simulator	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Flooding Mapping Tour	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Flooding and Climate Change	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Climate Change In My Watershed Inquiry	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Extreme Weather Inquiry	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Runoff Footprint	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.

Activity: Understand Flooding	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: What are Floodplains and Watersheds?	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Flood Resilience Plan for Your School	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Preparing for Flood Resilience	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Take Action: Adopt a Drain Campaign	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Take Action: Build a Rain Garden	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Take Action: Flood Protect Your Home	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Chasse Au Trésor	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Take Action: Home Flood Protector Scavenger Hunt	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Take Action: Install Rain Barrels	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
Activity: Take Action: Plant a Tree	Effects of Solar Radiation on Ocean Currents, Matter Cycles, Human Impacts on Sources and Sinks, Biotic and Abiotic Components of Ecosystems, Sustainability of Systems	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.