

Program: Energy Revealed

Grade 10 – British Columbia Science Curriculum Connections

Activity Name	Organizing Idea	Learning Outcome
<u>Activity: Knowing Energy: Stair Climb</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Knowing Energy: Tea at Home</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Knowing Energy: Race to a kWh</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Knowing Energy: How Intense is Your Electricity Usage?</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Knowing Energy: The Electricity Grid</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Knowing Energy: Renewables</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Knowing Energy: The Big Picture</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: All About the Baseline</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Can You Observe How You Conserve?</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Energy Hogs</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Electronic Overload</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
<u>Activity: Extra Energy Investigation</u>	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.

Activity: How Smart is Your Smart Board?	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Imagination Station	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Small Appliance Energy Reliance	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Start Me Up!	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Total Energy vs. Total Cost	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Understanding Energy Efficiency in Your School	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Community Walk	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: School Energy Audit	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Find the Phantom Load	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Home Energy Audit	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Watchers and Seekers	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Science Slam	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.
Activity: Speak for the Trees	Law of Conservation of Energy, Energy Change, Transformation of Energy, Impacts of Energy Transformations	Energy is conserved, and its transformation can affect living things and the environment.