

Program: Energy Revealed

Grade 9 – Ontario Art/Tech Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
Activity: Knowing Energy: Stair Climb	Tech Ed. A: Design Processes and Related Skills	A1.2 - apply an understanding of fundamental technological concepts, design considerations, and science, technology, engineering, and mathematics (STEM) concepts as appropriate in developing projects involving the creation of products and/or services
		A2.1 - use project management skills to develop a process to create a product and/or service
		A2.5 - use a variety of industry-related documents to guide the creation of products and/or the delivery of services as part of their projects
		A2.6 - create products and/or deliver services, documenting their development process using appropriate industry terminology
Activity: Knowing Energy: Tea at Home	Tech Ed. A: Design Processes and Related Skills	A1.2 - apply an understanding of fundamental technological concepts, design considerations, and science, technology, engineering, and mathematics (STEM) concepts as appropriate in developing projects involving the creation of products and/or services
		A2.1 - use project management skills to develop a process to create a product and/or service
		A2.5 - use a variety of industry-related documents to guide the creation of products and/or the delivery of services as part of their projects
		A2.6 - create products and/or deliver services, documenting their development process using appropriate industry terminology
Activity: Knowing Energy: Race to a kWh	Tech Ed. A: Design Processes and Related Skills	A1.2 - apply an understanding of fundamental technological concepts, design considerations, and science, technology, engineering, and mathematics (STEM) concepts as appropriate in developing projects involving the creation of products and/or services
		A2.1 - use project management skills to develop a process to create a product and/or service
		A2.5 - use a variety of industry-related documents to guide the creation of products and/or the delivery of services as part of their projects
		A2.6 - create products and/or deliver services, documenting their development process using appropriate industry terminology

Activity: Knowing Energy: How Intense is Your Electricity Usage?	N/A	
Activity: Knowing Energy: The Electricity Grid	Tech Ed. A: Design Processes and Related Skills	A1.2 - apply an understanding of fundamental technological concepts, design considerations, and science, technology, engineering, and mathematics (STEM) concepts as appropriate in developing projects involving the creation of products and/or services
		A2.1 - use project management skills to develop a process to create a product and/or service
		A2.5 - use a variety of industry-related documents to guide the creation of products and/or the delivery of services as part of their projects
		A2.6 - create products and/or deliver services, documenting their development process using appropriate industry terminology
Activity: Knowing Energy: Renewables	Tech Ed. A: Design Processes and Related Skills	A1.2 - apply an understanding of fundamental technological concepts, design considerations, and science, technology, engineering, and mathematics (STEM) concepts as appropriate in developing projects involving the creation of products and/or services
		A2.1 - use project management skills to develop a process to create a product and/or service
		A2.5 - use a variety of industry-related documents to guide the creation of products and/or the delivery of services as part of their projects
		A2.6 - create products and/or deliver services, documenting their development process using appropriate industry terminology
Activity: Knowing Energy: The Big Picture	N/A	
Activity: All About the Baseline	N/A	
Activity: Can You Observe How You Conserve?	N/A	
Activity: Energy Hogs	N/A	
Activity: Electronic Overload	N/A	
Activity: Extra Energy Investigation	N/A	
Activity: How Smart is Your Smart Board?	N/A	
Activity: Imagination Station	N/A	
Activity: Small Appliance Energy Reliance	N/A	
Activity: Start Me Up!	N/A	
Activity: Total Energy vs. Total Cost	N/A	

Activity: Understanding Energy Efficiency in Your School	N/A	
Activity: Community Walk	Tech Ed. A: Design Processes and Related Skills	A1.2 - apply an understanding of fundamental technological concepts, design considerations, and science, technology, engineering, and mathematics (STEM) concepts as appropriate in developing projects involving the creation of products and/or services
		A2.1 - use project management skills to develop a process to create a product and/or service
		A2.5 - use a variety of industry-related documents to guide the creation of products and/or the delivery of services as part of their projects
		A2.6 - create products and/or deliver services, documenting their development process using appropriate industry terminology
Activity: School Energy Audit	N/A	
Activity: Find the Phantom Load	N/A	
Activity: Home Energy Audit	N/A	
Activity: Watchers and Seekers	N/A	
Activity: Science Slam	Drama. A: Creating and Presenting	A1.1 - use a variety of print and non-print sources to generate and focus ideas for drama activities and presentations
		A1.2 - select and use appropriate forms to suit specific purposes in drama works
		A1.3 - use role play to explore, develop, and represent themes, ideas, characters, feelings, and beliefs in producing drama works
		A2.1 - use the elements of drama to suit an identified purpose and form in drama presentations
		A2.2 - use a variety of conventions to develop character and shape the action in ensemble drama presentations
		A3.1 - identify and use a variety of techniques or methods for establishing a rapport between performer and audience
		A3.2 - use a variety of expressive voice and movement techniques to support the depiction of character (
		A3.3 - use a variety of technological tools to communicate or enhance specific aspects of drama works
Activity: Speak for the Trees	N/A	