

# GRASPS

## UNIT: Electricity and Magnetism - Science - Grade 7

ESSENTIAL QUESTION: N/A

G R A S P S	
Goal	<p><b>Goal:</b></p> <p>The students will demonstrate their understanding that electricity is generated in different ways with different environmental impacts.</p>
Role	<p><b>Role:</b></p> <p>You are a member of Energy Education and have been hired by Power City to present information about what types of energy they should use to power their city.</p>
Audience	<p><b>Audience:</b></p> <p>Power City council members.</p>
Situation	<p><b>Situation:</b></p> <p>Power City is a large city in Canada. The town council members are trying to figure out the best way to provide enough energy for their city. They want to use a combination of renewable and non-renewable resources.</p>

<b>Performance or Product</b>	<p><b>Performance or Product:</b></p> <p>Your job is to convince the Power City Council Members why the city should use your energy sources over the other presenters. (poster, pamphlet or power point, and a 2-3 minute presentation).</p>
<b>Standards</b>	<p><b>Standards:</b></p> <p>N/A.</p>
<b>Differentiation</b>	<p><b>Differentiation:</b></p> <p>Scaffold the assignment with templates that provide some research facts, and sources to explore. Provide choice about the format of the product, and provide option to present to teacher only. Challenge students by providing maps that pose geographical structures that influence the efficiency of certain power sources.</p>