

# A Green-Powered Canada



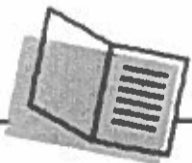
Name Liam & Henry

Date 25 Feb

## Worksheet



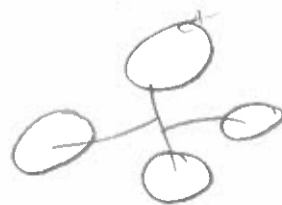
Energy source <u>Hydraulic power</u>	
Type of resource (circle one) <u>Renewable</u> Non-renewable	
Definition <u>using kinetic energy of water to produce energy</u>	
Benefits <u>its better for the world</u>	Drawbacks <u>we d'ant have major rivers</u>
How is this energy source being used in Canada? <u>It was our first source for our electricity. currently there are approximately 500 MegaWatts of</u>	
What role could this energy source have in the future? <u>Maybe if you'r way abing your house will be doing something to power your house</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>energy Nova Scotia.com</u> <u>finding out about Hydropower</u>	

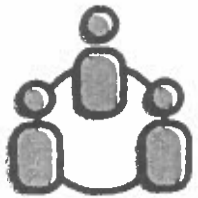


Classroom.Energy Diet Challenge



Energydiet.ca





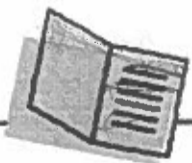
# A Green-Powered Canada

Name Weston + Emma

Date 25 Feb 3

## Worksheet

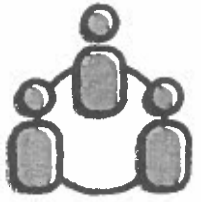
Energy source <u>Geothermal energy</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition <u>Geothermal energy is heat within the earth</u>	
Benefits <u>It will never run out.</u>	Drawbacks <u>has high cost installations</u>
How is this energy source being used in Canada? <u>in Springhill, Nova Scotia, warm water from an abandoned mine is used to heat portions of the Springhill industrial park.</u>	
What role could this energy source have in the future? <u>Heated clothing</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>geothermal energy by Elsie Olson</u> <u>finding out about geothermal energy by Matt Baedea</u>	



Classroom Energy Diet Challenge



Energydiet.ca



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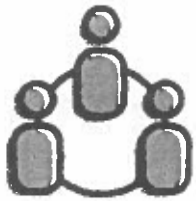
Name Lacey and Addie

Date \_\_\_\_\_

## Worksheet

Energy source <u>Geothermal energy</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition <u>Geothermal energy is the heat within the earth</u>	
Benefits <u>Geothermal energy will never run out!</u>	Drawbacks <u>With out energy there will be no life no movement and no light</u>
How is this energy source being used in Canada? <u>in Springhill, Nova Scotia. Warm water from an abandoned mine. about 3% of Nova Scotia's energy</u>	
What role could this energy source have in the future? <u>it could help nasa</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>Geothermal Energy Using Earth's Furnace by: Carrie Gleason</u>	





# A Green-Powered Canada

Name Finn and Graison

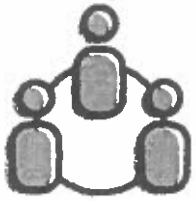
Date Feb 25 2021

## Worksheet

Energy source <del>Geothermal</del> → Solar	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition Power <sup>obtained</sup> <del>at</del> <sup>other</sup> <del>forms</del> <sup>of</sup> <del>energy</del> <sup>from</sup> <del>the</del> <sup>sun's</sup> <del>rays</del>	
Benefits It will never run out of power	Drawbacks It doesn't work if there is pollution they cause lots
How is this energy source being used in Canada? Nova Scotia has a program that teaches people about solar energy	
What role could this energy source have in the future??? In 2030 solar power will be bigger	
Provide two reliable sources for people who would like to learn more about this energy source: Energy Nova Scotia.ca Finding out about Solar Energy By Matt Doeden.	



You are not a very very aa!



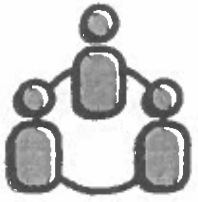
# A Green-Powered Canada

Name Griffin Jordan  
Date 25 Feb. 2021

## Worksheet

Energy source	<u>Solar Power</u>	
Type of resource (circle one)	<u>Renewable</u>	Non-renewable
Definition	<u>Power obtained by harnessing <sup>the energy of the</sup> sun's rays.</u>	
Benefits	<u>it will never run out</u>	Drawbacks <u>A lot of money</u>
How is this energy source being used in Canada?	<u>in Canada they are making programs so that more people will use it.</u>	
What role could this energy source have in the future?	<u>We can use energy for the road so when it is winter the road it won't freeze!</u>	
Provide two reliable sources for people who would like to learn more about this energy source:	<u>Rebecca Pettiford</u> <u>Andrea Rivera</u>	





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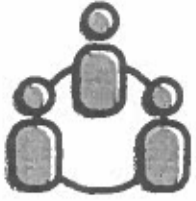
Name Chris and Zach

## Worksheet

Date \_\_\_\_\_

Energy source <u>geothermal energy</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition <u>geothermal energy is heat within the earth</u>	
Benefits <u>it will never run out</u>	Drawbacks <u>has high cost</u>
How is this energy source being used in Canada? <u>in Springhill Nova Scotia warm water from an abandoned mine is used to heat Portion in Springhill Nova Scotia</u>	
What role could this energy source have in the future? <u>it can help nasa with Mars</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>energy nova scotia geothermal energy on epik</u>	





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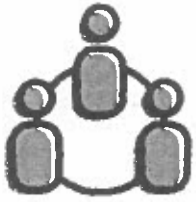
Name Charlotte Josie

Date February 25 2021

## Worksheet

Energy source <u>Hydraulic energy</u>	
Type of resource (circle one)	<input checked="" type="checkbox"/> Renewable <input type="checkbox"/> Non-renewable
Definition <u>Using kinetic energy of water to produce energy</u>	
Benefits <u>It never runs out.</u>	Drawbacks <u>But our geography and lack of a major river system keeps it from being a major source</u>
How is this energy source being used in Canada? <u>It was the first source for our electricity Currently there are approximately 400 Megawatts of renewable hydroelectricity capacity generation in Nova Scotia.</u>	
What role could this energy source have in the future? <u>To heat home to power cars to power lights</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>Finding out about Hydropower energy nova scotia.ca By: Matt Deaden</u>	





# A Green-Powered Canada

Name Lukle

## Worksheet

Date \_\_\_\_\_

Energy source <u>Solar Power</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition <u>Power obtained by harnessing the energy of the sun's rays</u>	
Benefits <u>to generate electricity better for the planet <sup>than others</sup></u>	Drawbacks <u>it's hot good for the environment we don't always have it</u>
How is this energy source being used in Canada? <u>Like Electricity.</u>	<u>to generate power</u>
What role could this energy source have in the future?	<u>Solar roadways</u>
Provide two reliable sources for people who would like to learn more about this energy source: <u>Solar power BY: Andrea Rivera</u> <u>Energy Nova Scotia.ca</u>	







# A Green-Powered Canada

Name Ciel and Brynley

Date 25 Feb.

## Worksheet

Energy source <u>Hydraulic</u>	
Type of resource (circle one) <u>Renewable</u> Non-renewable	
Definition <u>using kinetic energy to produce energy.</u>	
Benefits <u>We will never run out of it.</u>	Drawbacks <u>We don't have major rivers.</u>
How is this energy source being used in Canada? <u>It was our first source for our electricity. Currently approximately 400 megawatts of capacity generation in Nova Scotia.</u>	
What role could this energy source have in the future? <u>It could be shut in a tank and then if you pushed a button all the water would drain out into a hose that would water your garden.</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>Water energy by Elsie Olson</u> <u>Energy Nova Scotia.ca</u>	





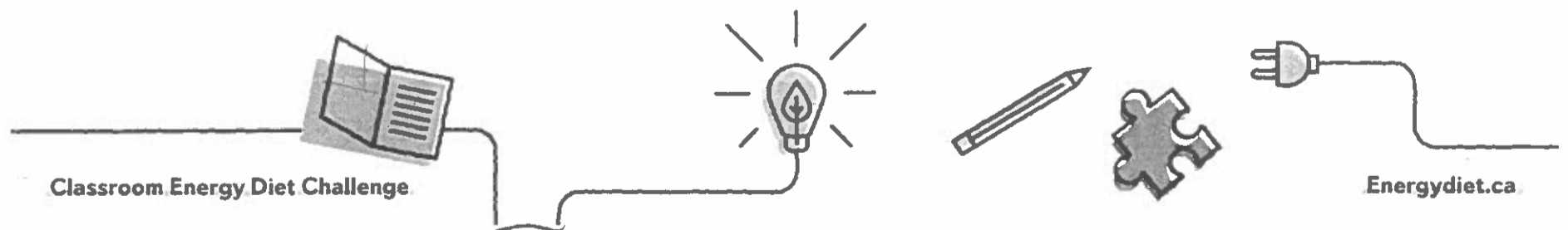
# A Green-Powered Canada

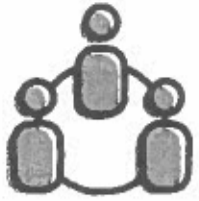
Name Frances Juliana

Date Feb 25

## Worksheet

Energy source <u>Solar power</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition <u>Power obtained by harnessing the energy of the sun's rays</u>	
Benefits <u>Solar power helps fight global warming. Release less Green house gas.</u>	Drawbacks <u>lots of money</u> <u>When it is dark or cloudy,</u> <u>we cannot make much power.</u>
How is this energy source being used in Canada? <u>electricity in solar panels that we use in are houses</u>	
What role could this energy source have in the future? <u>in a few years schools could have a whole roof of solar panels.</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>Green Planet: solar power</u> <u>by Rebecca Pettiford</u>	





# A Green-Powered Canada

Name Emma + Chloe <sup>4+</sup>

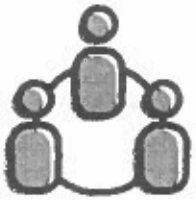
Date Feb. 25

## Worksheet

Energy source <u>Hydraulic</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition <u>Using kinetic energy of water to produce energy.</u>	
Benefits <u>water is found in many places all over the world.</u>	Drawbacks <u>we don't have major rivers.</u>
How is this energy source being used in Canada? <u>It was our first source for our electricity. Currently there are approximately 400 megawatts of renewable hydroelectricity capacity generation in Nova Scotia.</u>	
What role could this energy source have in the future? <u>Power cars.</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>Hydroelectric Energy By Tamra B. Orr.</u> <u>Hydroelectric Energy</u>	




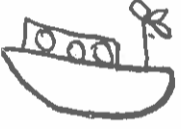
Handwritten numbers: 2, 2, 3, 3, 2, 3



# A Green-Powered Canada

Name Lora Melrose Rajja  
Date Feb. 25

## Worksheet

Energy source <u>Eolic</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition <u>Wind</u>	
Benefits <u>wind energy is one of the fastest-growing energy sources. It will never run out!</u>	Drawbacks <u>turbines can pose a risk to some kinds of birds. where do we put turbines?</u>
How is this energy source being used in Canada? <u>Wind turbines.</u> <u>It helps plants</u>	
What role could this energy source have in the future? <u>personal wind turbines.</u>  <u>wind turbines could make Boats faster</u> 	
Provide two reliable sources for people who would like to learn more about this energy source: <u>Focus on energy. By: christopher forest.</u> <u>wind energy By: kris woll.</u>	

