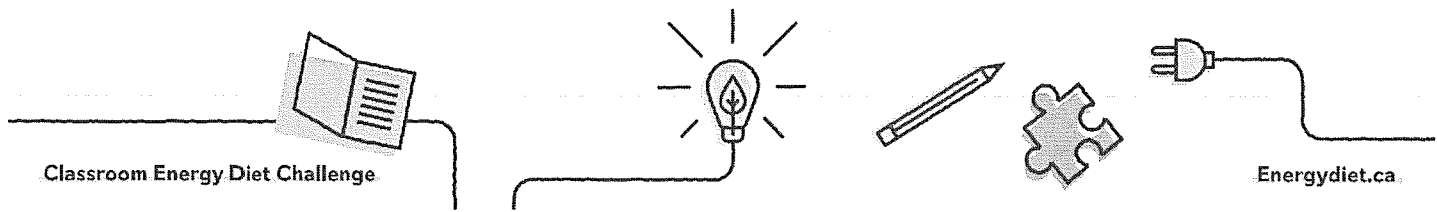


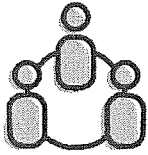
A Green-Powered Canada

Name Reegan
Date Tues, Feb 9, 2021

Worksheet

Energy source	<u>Nuclear</u>	
Type of resource (circle one)	Renewable	<u>Non-renewable</u>
Definition	<u>Nuclear energy is the energy in the nucleus of an atom.</u>	
Benefits	<u>plants has a high Low cost energy, although building nuclear power plants to produce energy from them and they have low operating cost.</u>	<u>Drawbacks expensive to build, despite being relatively inexpensive to operate, nuclear power plants are increasingly expensive to build and the cost keeping rising.</u>
How is this energy source being used in Canada?	<u>Nuclear power generation accounted for approximately 15% of Canada's electricity in 2018. Nuclear power is a source of energy that does not emit greenhouse gases. In 2019, 75% of Canada's uranium production.</u>	
What role could this energy source have in the future?	<u>Nuclear power provides about 10% of the world's electricity and 15% of electricity in OECD countries. Almost all reports on the future energy supply from major organisations</u>	
Provide two reliable sources for people who would like to learn more about this energy source:	<u>- Low cost of operation. After the initial cost of construction, nuclear energy has the advantage of being one of the most cost-effective energy solutions available. - Reliable source of energy - Stable base load energy</u>	





A Green-Powered Canada

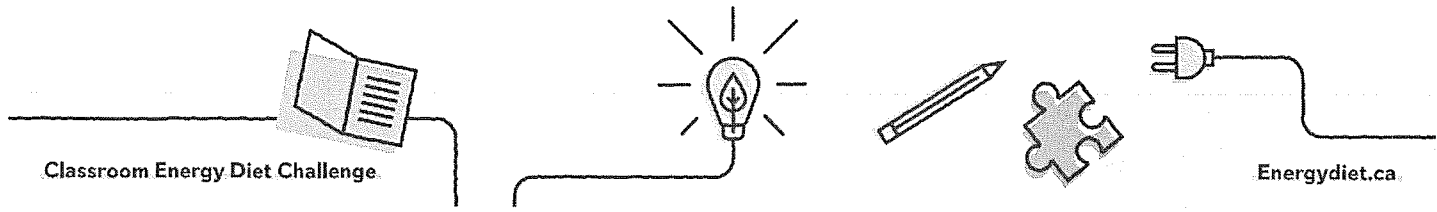
Name Jayah

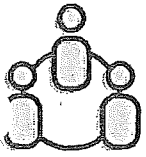
Date _____

Worksheet

Jayah

Energy source <u>Hydro</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition	
Benefits <u>Its not bad for the environment you dont have to build as much</u>	Drawbacks <u>It can hurt the animals</u>
How is this energy source being used in Canada? e	
<u>Hydro makes up 59.6% of Canada's electricity generation</u>	
What role could this energy source have in the future?	
<u>it could be prevent pollution</u>	
Provide two reliable ^{websites} sources for people who would like to learn more about this energy source:	
<u>Natural resources Canada - electricity facts</u>	
<u>Brain</u>	





A Green-Powered Canada

Name Bentley / Aled / grad

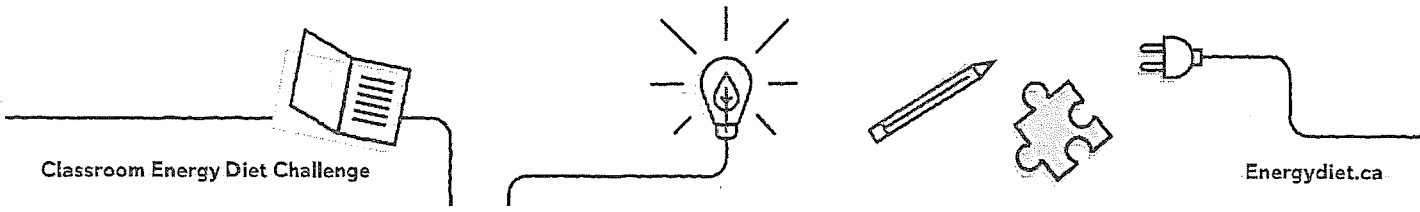
Date _____

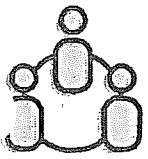
Worksheet

Energy source <u>Geothermal</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition	
Benefits <u>always consistent</u> <u>sustainable investment</u>	Drawbacks <u>Makes Land unstable</u> <u>greenhouse effect / no</u>
How is this energy source being used in Canada? <u>Heat</u>	
What role could this energy source have in the future? <u>make hot water</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>EN. wikipedia.org/wiki/Main_page</u>	

grad

Air





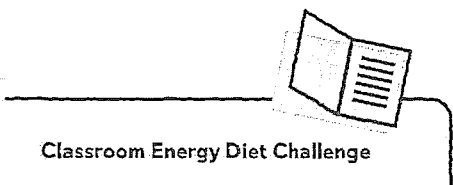
A Green-Powered Canada

Name Chloe and Emma

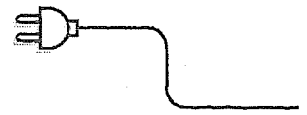
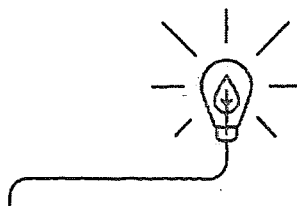
Worksheet

Date _____

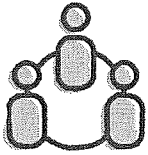
Energy source <u>Wind</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition <u>Power derived from wind used to generate electricity</u>	
Benefits <u>Wind provides jobs</u> <u>it cleans fuel sources</u> <u>Low operating cost</u>	Drawbacks <u>Dangerous for wildlife</u> <u>Noise</u> <u>Killing birds</u> <u>Expensive upfront cost</u>
How is this energy source being used in Canada? <u>wind energy is currently generating enough power to meet the needs of over three million Canadian homes</u>	
What role could this energy source have in the future? <u>Wind has the potential to support over 600,000 jobs in manufacturing, installation, maintenance, and supporting services by 2050</u>	
Provide two reliable sources for people who would like to learn more about this energy source: <u>wind is physically reliable because it is inefficient and inconsistent.</u>	



Classroom Energy Diet Challenge



Energydiet.ca



A Green-Powered Canada

Name Maleah

Date Feb, 9, 2021

Worksheet

Energy source <u>hydro</u>	
Type of resource (circle one)	<u>Renewable</u> Non-renewable
Definition	
Benefits <u>It is good for the environment. It works good. It is safe</u>	Drawbacks <u>It dries things up. It take's away animal habital</u>
How is this energy source being used in Canada?	<u>Hydropower is 59.6% of Canada's electricity</u>
What role could this energy source have in the future?	
<u>Hydropower will help with over \$125 billion investments and a million jobs in the future.</u>	
Provide two reliable sources for people who would like to learn more about this energy source:	
<u>Wikipedia, 5 things you need to know.</u>	

