

P-2 CLASSROOM WEBINARS



ENERGY STORYTIME

Let us read with you! A virtual storytime and discussion about how we can be a good friend to the planet.

LIFE BEFORE ELECTRICITY

How does having electricity in our homes change the way we do things? We'll think back to our great great-grandparents' generation, talk about how things have changed, and discuss the impacts these changes have on our lives and the planet.



NEEDS VS WANTS

All living things have needs. We'll have a conversation about the differences between our wants and our needs. What impact do the things we consume have on the environment? What can we do to make sure our wants don't negatively impact the needs of other living things?



ECOLOGICAL FOOTPRINTS

Our ecological footprint is a measurement of the resources we use and the waste we produce every day. What happens if we take too much? We'll trace our feet and make a pledge for what we can do to make our ecological footprint smaller.



USING WATER RESPONSIBLY (GR2)

Why is it so important to save water? We use freshwater for important daily tasks like drinking, bathing, washing, cooking, and cleaning... but we don't realize how much we might be wasting until we add it all up! We'll look at our water footprints to see how much water we use in our daily lives and the best ways to conserve it!



To book a webinar:

Contact your assigned Engagement Officer

Not sure who your engagement officer is?

Find out [here](#)



3-5 CLASSROOM WEBINARS

ENERGY CLIMATE CHANGE & WEATHER (GR 5)

What is energy? Where does it come from and how do we use it? We'll look at how our energy use contributes to climate change and discuss the difference between climate and weather.

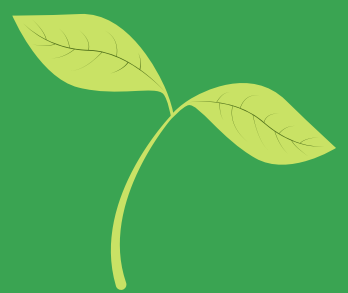


ENERGY & LIGHT (GR 4)

What is energy? Where does it come from and how do we use it? How can we use our knowledge about the properties of light to become more energy efficient?

ENERGY & PLANTS (GR 3)

What is energy? Where does it come from and how do we use it? We'll talk about energy and energy efficiency with a focus on how plants use energy to grow.



HABITATS & ECOLOGICAL FOOTPRINTS



Habitats are where plants and animals live! Sometimes the things we consume and the waste we produce impacts the health of different habitats. This is called our ecological footprint. We'll learn about what is needed to make a healthy habitat, what resources we use, and what happens when we use too much!

LIFE BEFORE ELECTRICITY

How does having electricity in our homes change the way we do things? We'll think back to our great great-grandparents' generation, talk about how things have changed, and discuss the impacts these changes have on our lives and the planet.



NEEDS VS WANTS

All living things have needs and wants. But what happens to individuals, societies and the environment if we 'want' too much stuff? Is this sustainable? We'll talk about Maslow's Hierarchy of Needs and the impact humans have on the habitats of other living things.



OCEAN PLASTICS

It takes a lot of energy to manufacture plastic. Much of this plastic is only be used once and then thrown away, often ending up in our oceans! What can you do to reduce your consumption of single use plastics?



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6-8 CLASSROOM WEBINARS

ELECTRICITY & ENERGY EFFICIENCY

We all use electricity every day. But how does it work? What is a circuit? What impact does our electricity use have on the planet? And most importantly, how can we be more energy efficient in our homes and classrooms?



ELECTRIC MATH

Our Energy-Electricity webinar with an activity to help us understand the cost of using different types of lightbulbs.

USING WATER RESPONSIBLY

Did you know that though the earth is made of 70% water, only 2.5% is fresh? Some of us have access to clean water and use it without a second thought, while others have no access at all. We will learn about the importance of using water responsibly and how to shrink our water footprints.



ECOSYSTEMS & ECOLOGICAL FOOTPRINTS



Our ecological footprint is a measurement of the resources we use and the waste we produce every day.

What impact does our resource consumption and waste production have on the Earth's ecosystems?

We'll calculate our individual ecofootprints and chat about what we can do to reduce our impact on the environment.

LIFE BEFORE ELECTRICITY

Life in Canada was very different in the 1800's. The introduction of electricity into our homes changed the way our ancestors lived. What impacts has this had on our society and our planet?



OCEAN PLASTICS



It takes a lot of energy to manufacture plastic. Much of this plastic is intended to be used only once and then discarded...often ending up in our oceans! What can you do to reduce your consumption of single use plastics?

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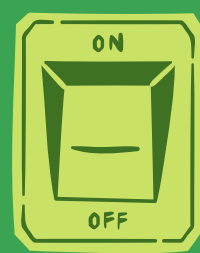
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9-12 CLASSROOM WEBINARS

ELECTRICITY & ENERGY EFFICIENCY

Did you know some appliances use more power to operate than others? We'll calculate how much money it costs us to keep our lights on and explore the impact energy consumption has on climate change. Most importantly we'll discover ways we can become more energy efficient.



ENERGY & CLIMATE CHANGE SERIES



This three part, inquiry based learning engagement will allow students an opportunity to explore the effects of energy use on climate change through a series of presentations and independent student research. The first presentation will frame the problem of climate change, offering topics for students to research. The second will focus on Energy Efficiency as a solution and will initiate a brainstorming session. The final presentation will touch on behaviour changes based on what the class has discovered.

ENERGY SOURCES

As the world's energy consumption continues to rise, so does the global average temperature. Around the world, countries are racing to implement cleaner energy sources. But how do these new technologies work? And is there a clean energy source we are forgetting about?

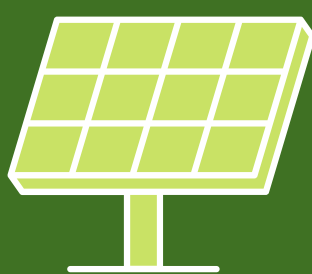


FOOD, ENERGY & SUSTAINABILITY

All of us need to eat every day, but we don't often know much about the food we put in our bodies! How is it grown? Where did it come from? How much energy does it take to produce the food we eat? And what are the consequences of producing food on an industrial scale?

HABITATS, ECOSYSTEMS & BIOMES

Learn all about the habitats, ecosystems, and biomes all around us, and the important role they have in keeping our world healthy. However, our most important wild areas are in trouble. See what actions you can take to reverse these trends and ensure these wild areas are here to stay.



GREEN CAREERS

An informative webinar featuring different skill sets that correlate with emerging green career paths. This webinar also features information about provincial post secondary schools that have programs dedicated to developing green careers.

OCEAN HEALTH

The ocean is the greatest resource we have. We use it for transportation, energy, food, and we couldn't breathe without it. Take a deep dive into the deep blue, and find out why our oceans are in trouble and what you can do about it.



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Visit www.greenschoolsns.ca

