



COOL IT!

BC SUSTAINABLE ENERGY ASSOCIATION

Welcome!

to your Cool It! workshop



Agenda

1. Introduction
2. Warm-Up Activity
3. Climate Change Education
4. Explaining the “Cool It!” Challenge
5. Wrap-Up and Questions?



True or False?

Warm-Up exercise



True or False?

The Atmosphere helps keep us warm



TRUE!



True or False?

The two key greenhouse gases produced by humans are Carbon Dioxide and Methane



TRUE!



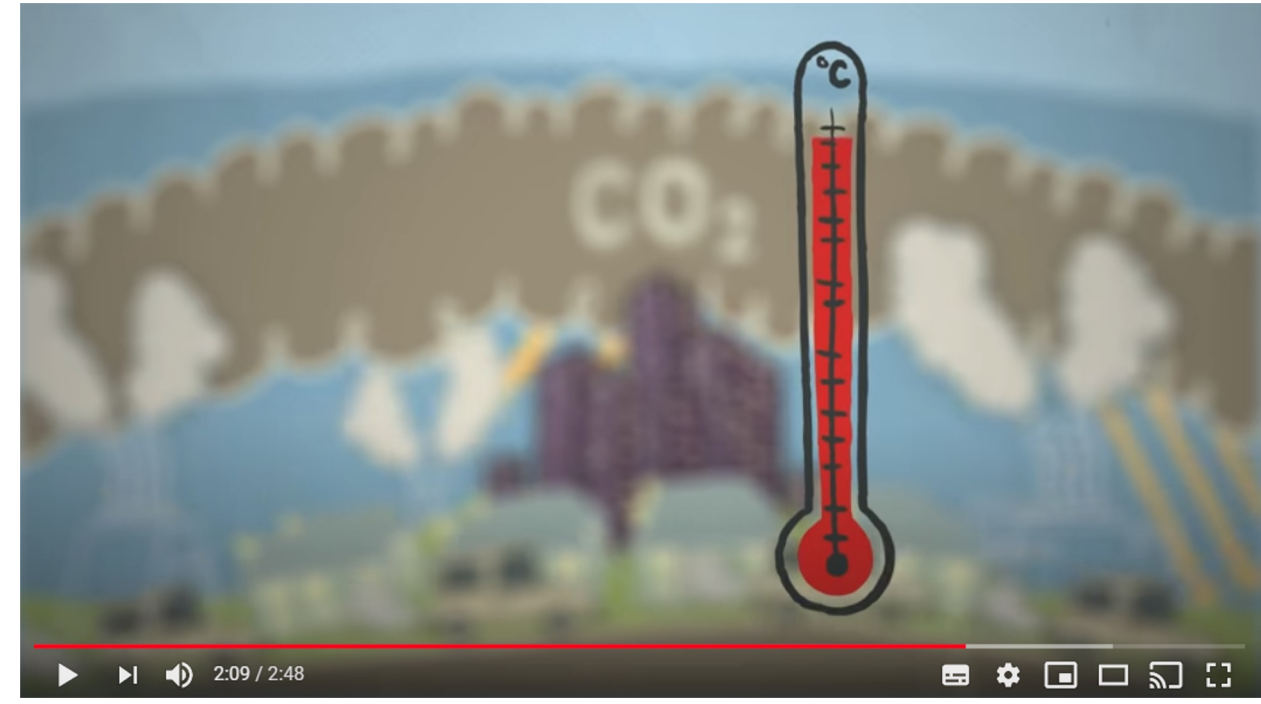
True or False?

Greenhouse gas emissions created by humans are too small to cause major changes to the Earth's Climate



FALSE!





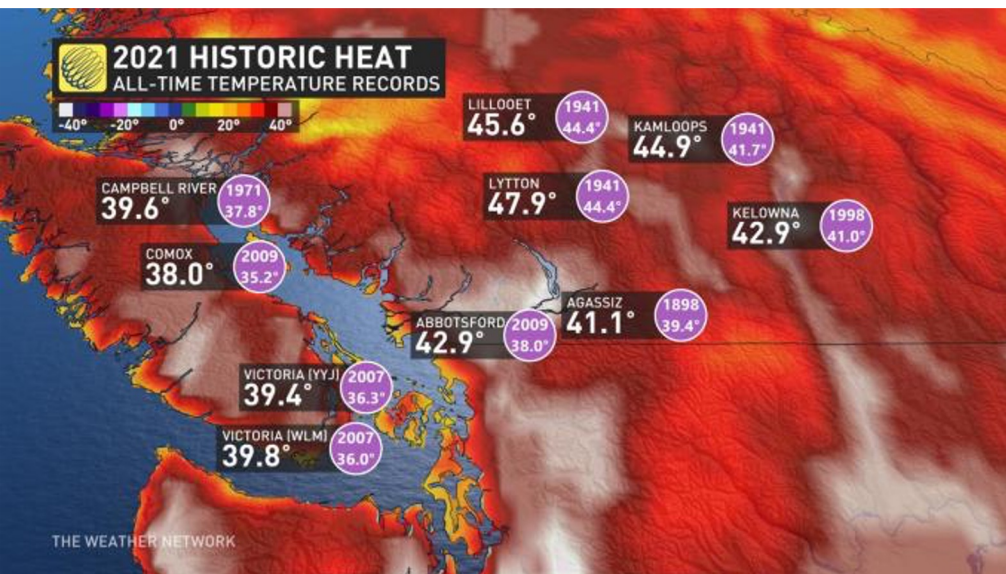
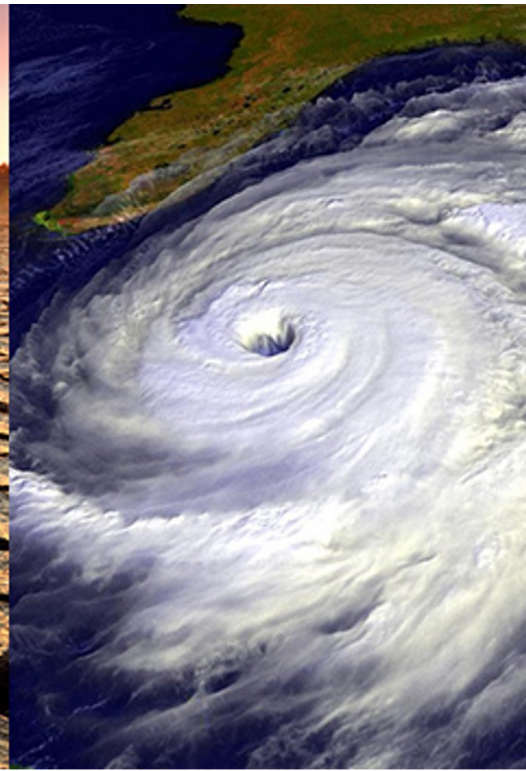
Climate Science Videos





Causes





Impacts



Campaign Impact

The Climate Emergency Movement Has Arrived

The goal of the Climate Emergency Campaign is to compel governments to adopt an emergency response to climate change and ecological breakdown in order to reclaim OUR FUTURE.

Governments That Have Declared a Climate Emergency



1,486
Governments Declared

829+
Million People

28
Countries

Solutions



CLIMATE CHALLENGE

Name:

Teacher:

Parent/Guardian signature:

1. GETTING AROUND 2. FOOD CHOICES 3. HOME ENERGY 4. WASTE 5. WATER 6. GO GREEN 7. RESEARCH + REFLECTION

2.1 TASTY LEFTOVERS Re-use leftovers 3 times I ate: 1. <input type="text"/> 2. <input type="text"/> 3. <input type="text"/>	1.1 CAR SMART Learn about electric cars, cargo-bikes, and active transportation and complete two of the actions in the information page below. 	6.2 BEE FRIENDLY Protect your local bee population by building a bee bath using the instructions in the information page below. 	7.1 GAMING FOR NATURE Watch two videos or do two of the games and complete the actions in the information page below. 	7.2 LOCAL CLIMATE ACTION Do some research and learn if your city has declared a climate emergency. My city has declared a climate emergency: <input type="checkbox"/> Yes <input type="checkbox"/> No
7.4 COMMUNITY EXPLORATION Map your community and think of ways to make it more sustainable and complete the actions in the information page below.	6.3 GO BIO Make a biodegradable cleaning or bath product I made: <input type="text"/>	2.2 LOCAL FOOD Use locally sourced ingredients in meals. I used: 1. <input type="text"/> 2. <input type="text"/>	7.5 COMMUNITY ACTION Explore your municipality's website and find out what kind of action they are taking on climate change. 	5.1 WATER WISE Learn about your water conservation and calculate your household's daily water consumption My family consumers of water per day <input type="text"/> litres
2.4 GROW YOUR OWN Plant garden veggies, balcony or windowsill plants I planted: <input type="text"/>	1.3 LOCAL VACATION Plan three local vacations with a small carbon footprint. Where could you and your family vacation locally? <input type="text"/>	4.1 MORE THAN RECYCLING Reuse/swap/recycle/up-cycle instead of throwing stuff away or buying new. I did: <input type="text"/>	6.1 NATIVE TREES & PLANTS Learn about native plants using the resources on the information page below. Three native plants I like are: <input type="text"/>	3.1 EARTH HOUR Have an Earth Hour at home, with friends or at school. Use the time to do some of the other challenge actions 
7.6 CLIMATE REFLECTION Write a short reflection on the future and complete the actions in the information page below. 	3.2 GET EFFICIENT Use the resources in the information page below to learn how to be more energy efficient at home. 	5.2 ADOPT A STORM DRAIN Clean up a storm drain in your neighborhood to prevent flooding after it rains or snows 	1.2 TRAVEL SMART Swap the car for public transit, walking or biking I will go to: <input type="text"/> by: <input type="text"/>	2.3 LOVE VEGGIES Have one meat-free day per week or give up eating beef and lamb for one week. <input type="checkbox"/> meat-free days <input type="checkbox"/> didn't eat beef/lamb 
5.3 EVERY DROP COUNTS Aim for at least 4 showers of 4 minutes or less My showers are <input type="text"/> minutes shorter now.	7.7 YOUR OWN IDEA Come up with your own activity for reducing our environmental footprint I did: <input type="text"/>	7.3 LIFE CYCLES Sketch a life cycle of a household item and complete the actions in the information page below. 	4.2 HOME WASTE Do an audit of your garbage bins at home and complete the actions in the information page below. 	3.3 STAY SNUG Turn down the heat in your house and shut your curtains four times each week 

Life Cycle Analysis



Clothing/Textile Industry

Where is it made?



What is it made from?



Resource acquisition

*Extraction
Transformation*



Production

*Assembly
Packaging*



Distribution

*Storage
Handling
Transport*



LIFE CYCLE STAGES

End-of-life

*Collection
Recycling
Energy recovery
Landfilling*



Use

*Maintenance
Repair
Reuse*



Questions?

