



**Welcome to Cool Vancouver News.**

This newspaper introduces adult learners to the topic of climate change. *Cool Vancouver News* aims to stimulate thought and discussion about what we can do about climate change.

We use the term “climate change” rather than “global warming”. Climate change more accurately describes the effects of changing weather patterns around the world.

Melting polar icecaps are raising ocean levels and will change the ocean currents that determine weather conditions. In many parts of the world, temperatures will indeed rise. However, in other regions, temperatures will fall.

**Suggested Classroom Activities**

Read *Cool Vancouver News* together as a class. Take turns reading out loud. Discuss any questions and ideas that arise from the text.

**Discussion topics**

In groups or as a class, discuss the following topics:

- Compare the impacts of climate change in British Columbia and around the world.
- Rank the actions we can take to live sustainably in order of ease, cost and effectiveness.
- Residential greenhouse gas emissions make up about one quarter of Canada’s total emissions. The rest is produced by industry. Which is more important, individual actions to live sustainably or industrial and infrastructural change?

**Research topics**

Students can use the library, Internet, or other sources to find out more information. Students can give an oral presentation, write a report or produce a poster based on their research.

Some possible research topics:

- The Energuide program: ([www.oeec.nrcan.gc.ca](http://www.oeec.nrcan.gc.ca))
- What is the new Canadian government’s plan on climate change? ([www.davidsuzuki.org](http://www.davidsuzuki.org) or [www.nrcan-nrcan.gc.ca](http://www.nrcan-nrcan.gc.ca))
- Keeping your car running efficiently (<http://oeec.nrcan.gc.ca/transportation/personal/index.cfm?attr=8>)
- Geothermal heating: (<http://www.geothermal.ca/whatis.html>)

**Clean Air Champions**

Book a Canadian Olympic or National athlete to speak to your class at no charge through the Clean Air Champions program. The goal of the program is to inspire Canadians to get active to reduce greenhouse gases. Champions are passionate about clean air and slowing climate change, so their messages are heartfelt and leave a lasting impression on their audiences.

For information: contact Passion for Action at (604) 572-4292 or [contactus@passion4action.com](mailto:contactus@passion4action.com). Additional information on the Clean Air Champions program can be found at <http://www.cleanairchampions.ca>

**Getting more information**

Have students learn how to receive information. The Canadian government will mail students a comprehensive information package and classroom posters free for the asking. For more information, go to <http://www.climatechange.gc.ca/english/publications/> or call 1- 800 O-Canada (1 800 622-6232).

**Climate change in the news**

Students can monitor newspapers for items about climate change. Start a bulletin board of newspaper clippings about climate-related news stories.

**Please photocopy the student exercises.**

# Find information

Scan *Cool Vancouver News* for the following information.

1. A kind of scientist

\_\_\_\_\_

2. A parasite that damages forests

\_\_\_\_\_

3. A form of transportation

\_\_\_\_\_

4. Two impacts of climate change

\_\_\_\_\_

\_\_\_\_\_

5. Two kinds of light bulbs

\_\_\_\_\_

\_\_\_\_\_

6. A farm animal

\_\_\_\_\_

7. A country in the South Pacific

\_\_\_\_\_

8. Two greenhouse gases

\_\_\_\_\_

\_\_\_\_\_

9. A continent

\_\_\_\_\_

10. A website

\_\_\_\_\_

# True or false?

Write T for true and F for false. If the sentence is false, correct it.

1. \_\_\_\_ Bill Taylor is a climatologist.

2. \_\_\_\_ Higher sea levels are not related to climate change.

3. \_\_\_\_ The Industrial Revolution started in 1950.

4. \_\_\_\_ The amount of greenhouse gases has decreased.

5. \_\_\_\_ Cars do not produce greenhouse gases.

6. \_\_\_\_ Rob and Marlene installed a new furnace.

## Finish the sentences

Finish the sentences. Use the words in the box below.

1. Houses are warmer and cheaper to heat if they have enough \_\_\_\_\_.
2. \_\_\_\_\_ help pay for home improvements.
3. \_\_\_\_\_ is what you expect. Weather is what you get.
4. The \_\_\_\_\_ is the air that surrounds the earth.
5. A low-flow shower head \_\_\_\_\_ water use by about 60 per cent .
6. \_\_\_\_\_ cracks in your house is a cheap way to reduce your heating bill.
7. Driving to and from work with a group of people is called \_\_\_\_\_.
8. \_\_\_\_\_ cause about 45 per cent of Canadians' greenhouse gas emissions.
9. Climate change will have important \_\_\_\_\_ in British Columbia.
10. \_\_\_\_\_ is an important greenhouse gas.
11. Heavy rain can cause \_\_\_\_\_.
12. You should not \_\_\_\_\_ your car for more than 30 seconds.

climate	landslides	idle	impacts	cars
insulation	sealing	carbon dioxide	reduces	
grants and rebates	atmosphere	carpooling		

# Linking information

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Write the number of the action in front of the fact that applies to it. The first one has been done for you.

## Action

1. Turn down the temperature at night.
2. If your house is old or drafty, have it tested for energy efficiency.
3. Install low-flow shower heads.
4. Switch to compact fluorescent light bulbs.
5. Replace old appliances with new, more energy efficient models.
6. Seal leaks around doors and windows.
7. Use cold water to wash clothes.
8. Walk, take the bus, or ride a bike once a week.

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## Fact

- 5 BC Hydro will pay \$30 to remove your old fridge.
- \_\_\_\_\_ Heating water uses 80-90 per cent of the energy used in doing the wash.
- \_\_\_\_\_ Cars are our largest single contributor to greenhouse gas emissions.
- \_\_\_\_\_ The cracks and holes in the average house add up to a hole the size of a basketball.
- \_\_\_\_\_ Every 1°C you lower your thermostat saves you 2-3 per cent on your heating bill.
- \_\_\_\_\_ Compact fluorescent light bulbs last ten times longer than regular light bulbs and use 25 per cent less electricity.
- \_\_\_\_\_ The EnerGuide home improvement program offers grants to pay for energy efficient improvements.
- \_\_\_\_\_ A low-flow shower head uses 60 per cent less hot water than an ordinary shower head.

# Short Answers

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Answer the questions in complete sentences.

1. In what ways do people cause climate change?

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2. What does Bill Taylor research?

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3. What are some ways that climate change will affect British Columbia?

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4. How did Rob and Marlene help pay for their home renovations?

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5. What actions can you take in your life to reduce climate change?

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6. What are some ways climate change will affect other parts of the world?

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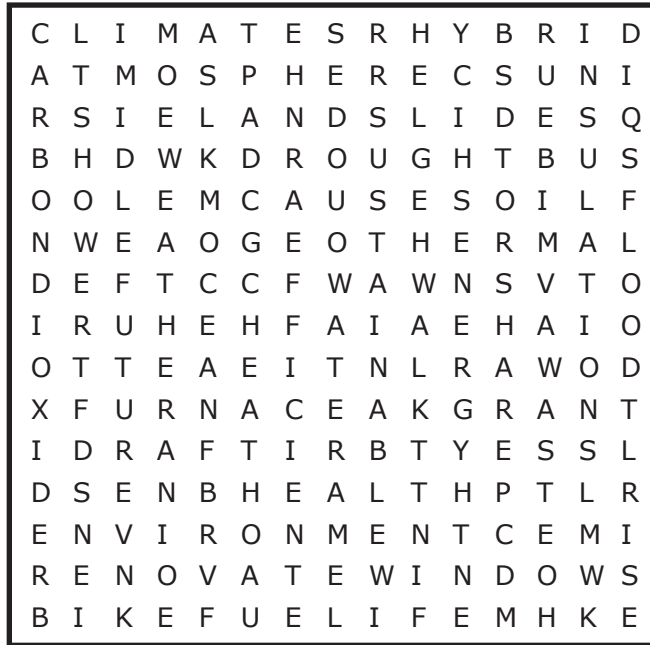
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7. Why are greenhouse gases important?

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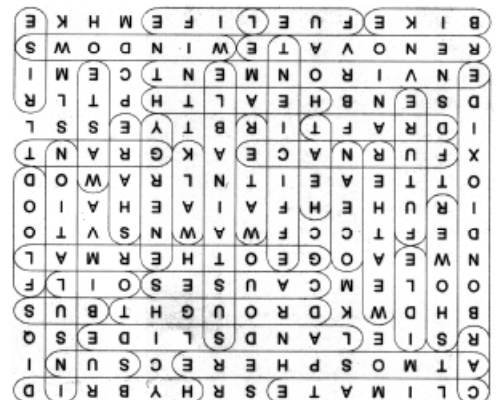
# Word Search



Atmosphere  
 Bike  
 Bus  
 Car  
 Carbon Dioxide  
 Causes  
 Climate  
 Draft  
 Drought  
 Efficient  
 Energy  
 Environment  
 Flood

Fuel  
 Furnace  
 Future  
 Geothermal  
 Grant  
 Health  
 Heat  
 Hybrid  
 Idle  
 Insulation  
 Landslide  
 Life  
 Ocean

Oil  
 Renovate  
 Rise  
 Share  
 Shower  
 Sun  
 Sustainable  
 Walk  
 Waste  
 Water  
 Weather  
 Windows





Please fill out this survey and fax it to **604 737-8598** or mail it to **Cool Vancouver News, #213-4438 West 10<sup>th</sup> Avenue, Vancouver, BC V6R 4R8.**

1. Where did you find the *Cool Vancouver News*?

At school       At the library       Community centre  
 onedayvancouver.ca       Other (please explain) \_\_\_\_\_

2. How interested are you in the topic of *Cool Vancouver News*? (pick one)

Very much       Quite a bit       A little       Not at all

3. How suitable were the exercises?

Very much       Quite a bit       A little       Not at all

4. What is your opinion of the exercises? Pick any answers that apply to you.

Interesting       Useful  
 Helped me understand the topic       Too easy  
 Easy to follow       Confusing

5. Will you make some changes in your life to start living more sustainably? What changes?

6. What did you like about *Cool Vancouver News*?

7. How could we improve *Cool Vancouver News*?

8. Please write any other comments you have about *Cool Vancouver News*. Are there any other topics that a future magazine should cover?



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At school                       At the library                       Community centre  
 onedayvancouver.ca                       Other (please explain) \_\_\_\_\_

2. How appropriate was topic of *Cool Vancouver News*? (pick one)

Very much     Quite a bit     A little     Not at all

Comments:

3. How interested are you in the topic of *Cool Vancouver News*? (pick one)

Very much     Quite a bit     A little     Not at all

Comments:

4. How high was student interest in the topic? (pick one)

Very much     Quite a bit     A little     Not at all

Comments:

5. How suitable were the exercises? (pick one)

Very much     Quite a bit     A little     Not at all

Comments:

6. Is there change in students' attitude and actions in regard to climate change?(pick one)

Very much     Quite a bit     A little     Not at all

Comments:

8. Do you plan on reusing this curriculum?

9. What do you like about this curriculum? How could it be improved?

10. Please write any comments you have about *Cool Vancouver News*. Do know of any other topics that would be suitable for development for future curriculum projects?