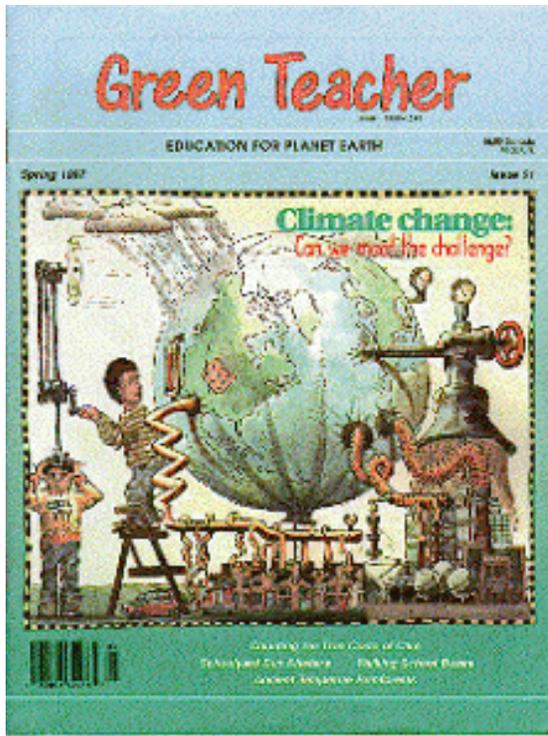
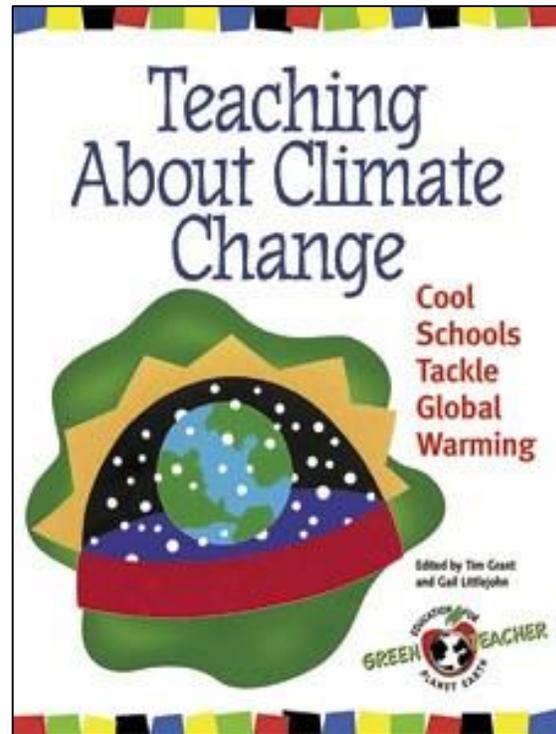


Green Teacher's past climate change education publications

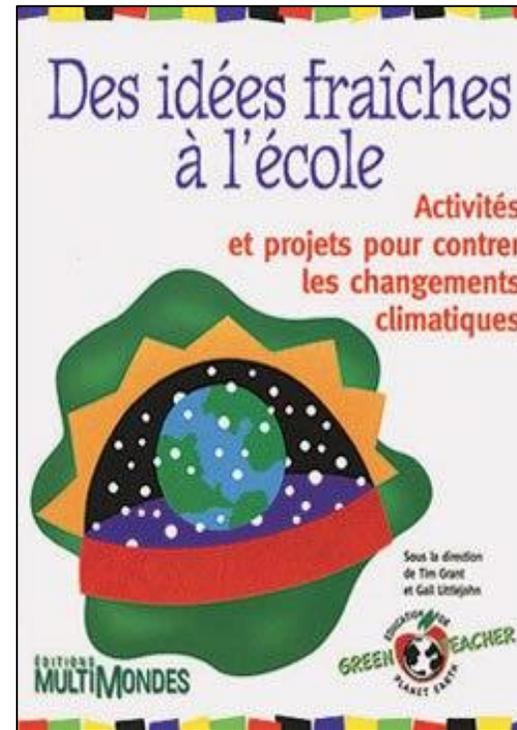
By Tim Grant, January 8, 2019



1997



2001



2001



2014

9 Climate Change Education Webinars



[Deep Climate Change Education: Learning and Teaching for Personal and Social Transformation](#), Presenters:

David Selby and Fumiyo Kagawa

[Depaving: A New Way to Change Cities from Grey to Green](#), Presenter: Alix Taylor

[The Importance of Place in Climate Change Education](#), Presenter: Kristen Iverson Poppleton

[Energy Education: How & Why?](#), Presenter: Pat Higby

[Teaching STEM with Wind and Solar Energy](#), Presenter: Joe Chavez

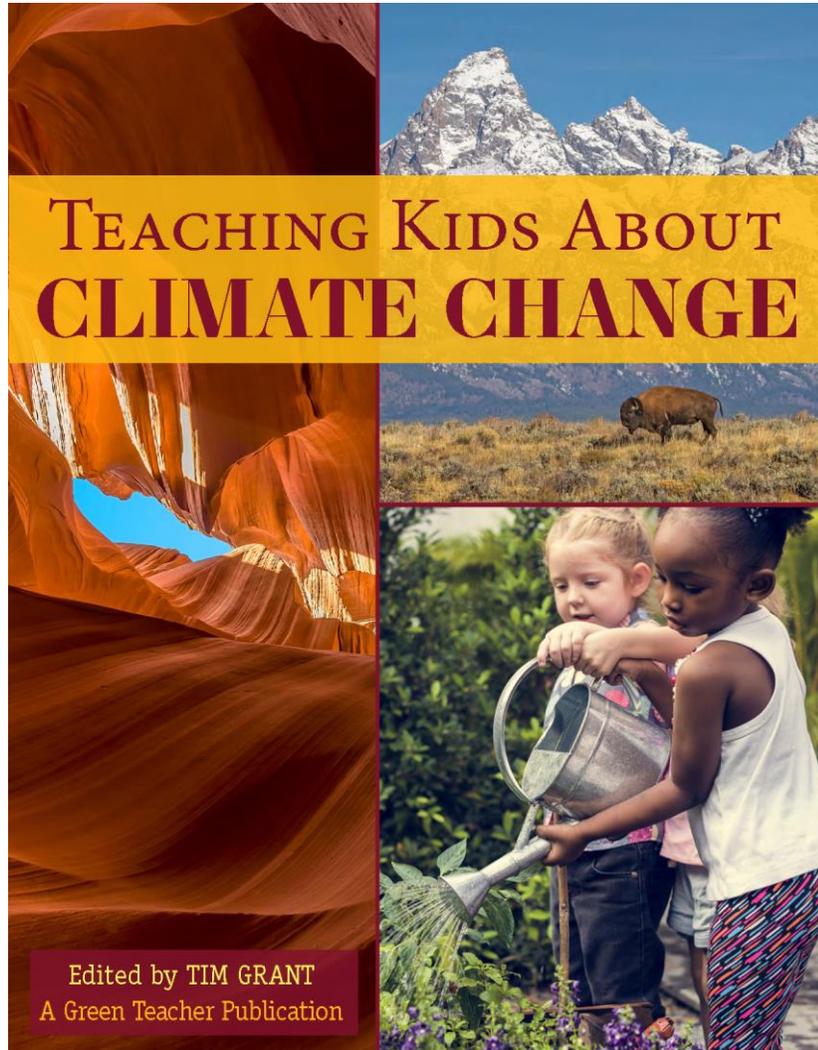
[Sustainable Homes and Renewable Energy Education](#), Presenters: Nelson Lebo, Susy Ellison and Paul Hackl

[Changing Energy Behaviors in Schools and Communities](#), Presenter: Karen Reagor

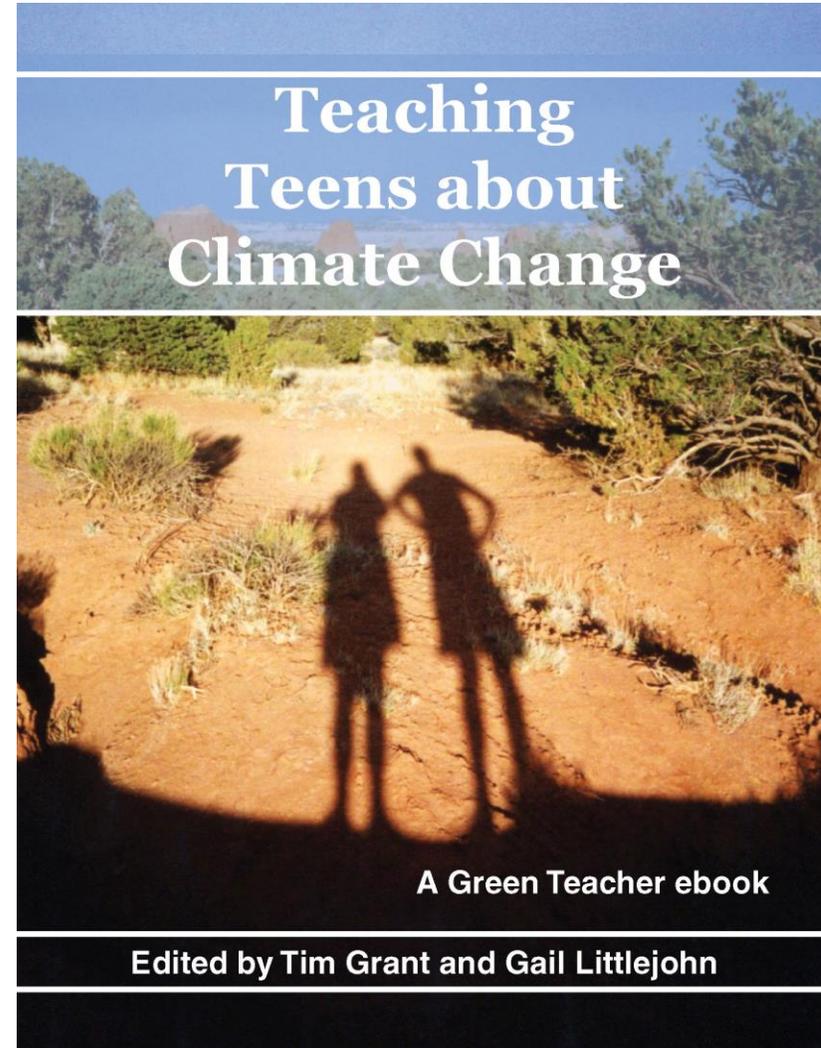
[Greening Education with Courage and Compassion](#), Presenter: Julie Johnston

[The Power of Positive, Inspiring Solutions](#), Presenter: Guy Dauncey

Our new titles



June 2018, 80 pages



December 2017, 80 pages

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Simple Activities for Exploring Key Concepts

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How learning spaces can help to avoid the worst scenarios now before us and four learning activities to engage young people

The Carbon Dioxide Game by Sashi Kaufman

A fun, active outdoor game for helping students visualize how human activities enhance the natural greenhouse effect

Feeling the Heat by Susan Ferguson

A student-centered approach to reducing the urban heat island effect on campus

Acting out Energy Forms by Arianna Alexandra Grindrod

A pantomime activity for teaching about different forms of energy

Food and Climate Change by Susan Rauchwerk

A lesson that helps grade 3 - 8 students appreciate the impact our food system has on climate change

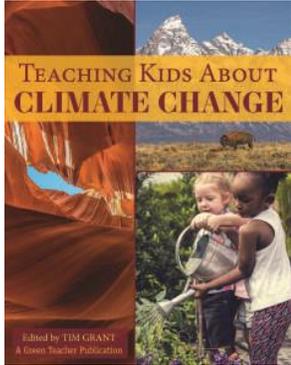
Climate Change and Regional Geography by Talia Miller

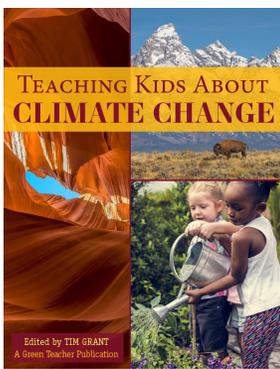
Climate change can bring an immediate and pressing relevance to geography study, coaxing new ideas out of worn textbooks

Climate Change Treasure Hunt by Chris Summerville

An engaging, awareness-raising activity that can be used on school campuses and at nature centres and other sites

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Follow the Light Energy from the Sun by Katie Frey and Leah Duran

Simulating greenhouse gas emissions via kinetic learning

A New Kind of Bus Afoot by Elise Houghton

Walking school buses — reducing carbon emissions the old-fashioned way

Green Commuting Challenge by Duke Davidson

How a suburban middle school radically increased the number of students walking and reduced car traffic to the school

Investigating Public Transit by Tim Grant and Gail Littlejohn

Activities that familiarize young people with local transit services

Solar Box Cooking by Sue LeBeau

A tasty introduction to the practical use of passive solar energy

A Lean Green Solar Harvesting Machine by Mark Walker

Making solar energy teaching more fun by using invisible forces to power race cars

Carbon Cycle Game by Pamela Miller

A simulation game that encourages 11-15 year olds to learn about the systems that influence climate change

Active Students Passive Solar by Nelson Lebo

A renovated passive solar home serves as a unique backdrop for teaching elementary science and math

Getting into Hot Water by Joe Umanetz

A hands-on home and school activity that promotes energy and water conservation

Renewable Energy: K-12 Activities by Sue LeBeau

Engineering to do Nothing by Susan Lewicki

Put to work the basic astronomy knowledge of 10-14-year olds in teaching passive solar house design

Is Climate Change Good for Us?

An activity for exploring how changes in climate could affect daily life and influence the economy of a region

Type of Climate Change

How would it affect me?

How would it affect things around me?

More rainstorms or snowstorms

Less rainfall or snowfall

More sunshine

Higher daytime temperatures

The Carbon Dioxide Game

A fun, active outdoor game for helping students visualize how human activities enhance the natural greenhouse effect.



Acting Out Energy Forms

A pantomime activity for teaching about different forms of energy



1. **Kinetic energy** is energy in motion (*pretend to power walk*).

Mechanical energy is energy that is a moving object (*pretend to throw a ball*).

Electrical energy is energy that is electrons moving through wires (*put hands at sides and shuffle fast a few paces, turn and continue to shuffle, as if you are moving inside a wire*). Electrical energy is also lightning! (*Pose with your hand raised at a diagonal, finger pointed up to the sky and then point down across your body to the ground. Repeat a few times. Think disco dancing.*)

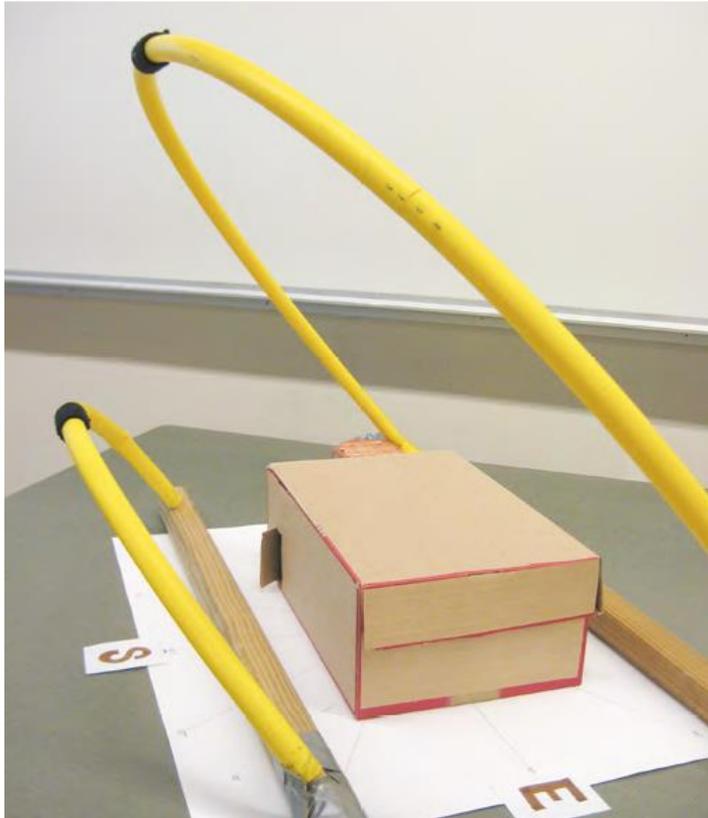
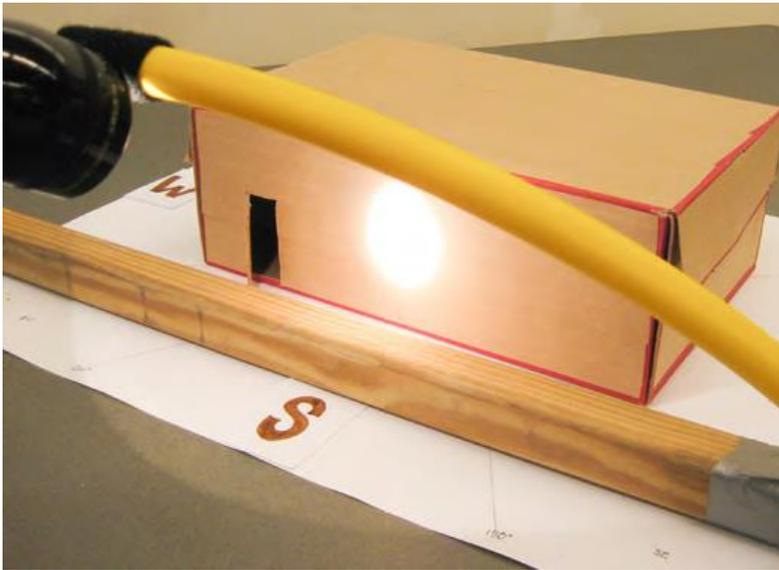
Climate Change Treasure Hunt

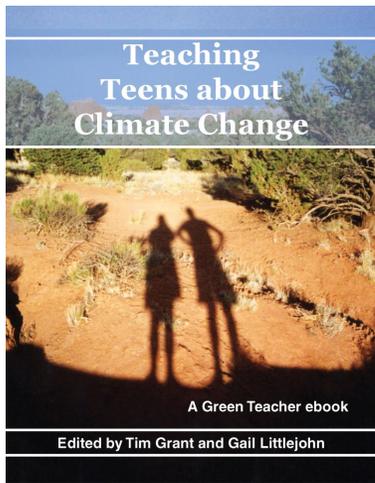
An engaging, awareness-raising activity that can be used on school campuses and at nature centres and other sites



Engineering to do Nothing

Put to work the basic astronomy knowledge of 10-14 year olds in teaching passive solar house design





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Unleashing Blessed Unrest *by David Selby and Fumiyo Kagawa*

Weathering Climate Confusion

Climate Change Denial

Climate Change Despair and Empowerment

Guidebook for Survivors

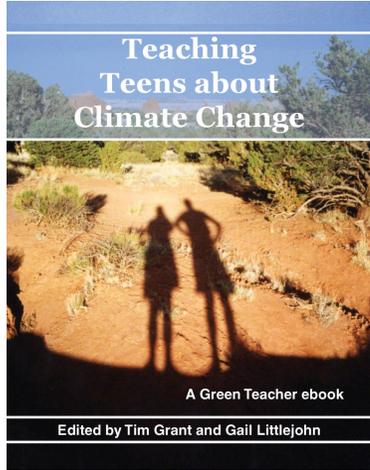
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Teaching about Carbon Regulation *by Bruce Taterka*

The Environmental Impact of the Tar Sands *by Patrick Clarke*

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Children's Rights and Climate Change *by Paula Gallo and Barbara Strang*



To Stay or to Go

One Minute to Convince

Who Does What?

Climate Change and Children

First Person Singular: Documenting Climate Change through

First-Person Narratives *by Lauren G. McClanahan*

Going Off Ramp: A Car-Trip Reduction Plan for Schools *by Arthur Orsini*

Cycling for a Better World *by Gilles Bélisle*

What Cool Schools Can Do *by Tom Yohemas*

From Gridlock to Global Warming *by Rebecca Watts Hull*

Investigating Public Transit *by Tim Grant, Gail Littlejohn and Arthur Orsini*

Teaching about Carbon Regulation

by Bruce Taterka



Children's Rights and Climate Change

Helping young people realize their right to a healthy planet



Going Off-Ramp:

A Car Trip Reduction Plan for Schools



Expect Long Delays: Vancouver students prepare a window display dramatizing the problem of traffic congestion.