

Teaching Young Kids about Climate Change

Is Climate Change Good for Us? *by Jackie Oblak*

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

Gases and Greenhouses *by Gail Littlejohn and Alex Waters*

Simple Activities for Exploring Key Concepts

Weathering Climate Confusion Activity *by David Selby and Fumiyo Kagawa*

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 Aleksandra 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

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