

Changing *with the climate*



University of
Reading

A Cormenius funded educational network that links schools across Europe to enhance teaching and learning and to encourage positive action in response to climate change

Changing with the Climate network

Shrinking glaciers and melting ice flows, extreme heat during the summer of 2003 or the extreme cold of this past winter are just some of the impacts associated with a changing climate which is affecting life on earth. It is through the combustion of fossil fuels for heating our homes, providing our transport or generating our electricity that carbon dioxide is formed as a by product. Together with a small number of other greenhouse gases, these gases congregate in the upper atmosphere and by absorbing some of the earth's radiation, are primarily responsible for global warming

The time for action to limit our greenhouse gas emissions is now very short. According to the International Energy Agency, the world is likely to build so many fossil-fuelled power stations, energy guzzling factories and inefficient buildings in the next five years that it will become impossible to hold global warming to safe levels, and the chance of combatting dangerous climate change will be lost forever.





Our network links students in both primary and secondary schools across Europe to discuss, engage and commit to undertake actions to limit the change in climate. Our method is to connect subject teaching in various disciplines to specific aspects and impacts of climate change in a holistic way and to gain an understanding how our local use of energy can result in global changes in the weather. Such topics illustrate that science is not only interesting, but also relevant to everyday life.



photos clockwise from top left
bike project in...
visiting a recycling plant in...
postcards and poster design project





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Lifelong Learning Programme

Changing with the Climate

For more information on the network and how your school can participate in our activities go to our network or blog sites:

www.changingwithclimate.info

changingwithclimate.tumblr.com

The benefits are that our methodology is open ended as students and teachers are encouraged to formulate their values and commitment to a lifestyle that will limit climate change. This makes lessons more interesting because these become students focussed rather than teacher led. Other advantages of schools joining the network include establishing links and sharing teaching and learning experiences with schools in other countries, access to a multi-disciplinary resource which links climate change topics to specific items of the national curriculum and taking part in our annual climate change challenge.

Changing with climate challenge 2012

is open to all schools willing to join the network. Classes are invited to identify and describe the possible impacts that climate change could have on your local community, undertake an action which will limit or mitigate any such impact in your community and publicise your activity. The closing date for entries is 15 December.

