



WORKSHOP SUMMARY

Climate Challenge, what's in it for us?

This workshop looks at the impact of climate change, explores some of the reasons for it and provides a positive and realistic answer to those who say nothing can be done.

How long? 2 Hours

Who? Year 9 - 11 Geography, Citizenship, Science, Sustainable Development

Where? The Core classrooms and the Rainforest Biome

Students will:

- Find examples of ways we are all connected to and rely on nature.
- Understand how vital the Rainforest is providing products for our way of life.
- Learn how their future choices can have a positive impact on climate change.
- Use PLTS – critical thinking, team work, formation of opinions based on research and discussion.

Curriculum Links

KS 3 Geography

Key Concepts 1.3 a 1.4 a, b. 1.5 a . 1.6 a, b. 1.7 a	Key processes 2.1 a, b
Range and content 1c, h	Curriculum opportunities b, i

KS 3 Citizenship

Key concepts 1.2 a, b	Key processes 2.3 a
Range and content e	Curriculum opportunities a, b

KS 4 Citizenship

Key concepts 1.2 a, 1.3 c	Key processes 2.1 a, d. 2.3 a
Range and content i, n	Curriculum opportunities b, f, g, h, j

What happens?

Students look at the interdependence between people and nature and how nature provides essential services. The group will study how and why the changing climate is affecting the lives of many Polynesians.

The group will explore the Rainforest Biome searching for plants to help start their new world.

Finally we look at what this country is proposing to do about climate change and discuss what young people today can, realistically, do to contribute positively to the climate change debate.

Practicalities



Please ensure your group is divided into workshop teams, each with an adult helper.

Our Education Team will lead your workshop session, but the participation of your staff is essential to the success of our programmes.

We provide all the equipment for the workshop.

Our programmes are focussed learning experiences; they do not provide a general introduction to Eden Project, so please allow sufficient unstructured exploration time for your children during the day.

Additional information is on our website
www.edenproject.com

Climate Challenge - Supporting your visit

Before you come

Have a look at the Millennium Development Goals - www.un.org/millenniumgoals/ - how many of them will/are being affected by climate change?

Ask the pupils to write an energy diary for a day. What did they do that used energy?

Take a random item and discuss its relationship with climate change. Encourage pupils to think of the cradle to grave process.

Encourage a websearch to find out more. Are the messages positive or depressing? Do they encourage young people to care, act, give up?

After your visit

These websites are useful and not too apocalyptic

http://news.mongabay.com/2008/1104-greenpeace_ffc.html - the launch of Greenpeace's Forests for Climate initiative that aims to reduce greenhouse gas emissions by slowing forest destruction.

<http://schools.rainforestsos.org/> Prince Charles's Rainforest Project aims to identify appropriate incentives to encourage rainforest nations to slow their deforestation rates and to raise awareness of the link between rainforests and climate change. There's a whole array of related resources for schools.

www.metoffice.gov.uk/climatechange/guide/ The Met Office explains some of the more complex facts about climate change and also dispel some of the myths.

www.guardian.co.uk/climate-change-and-you A summary website from the Guardian newspaper.

www.realclimate.org/ RealClimate is a commentary site on climate science by working climate scientists for the interested public and journalists.

www.youtube.com/watch?v=zORv8wwiadQ A US High School teacher lays out the arguments on climate change.

As we adapt to climate change the world of work and careers is going to be transformed.

www.realcoolfutures.com/ is a collection of case studies of people already working in the climate and sustainability fields.

www.greentalent.org/ Green Talent is a live programme at Eden that builds on these themes.

www.wwf.org.uk/what_we_do/working_with_business/green_game_changers/?uNewsid=4181 WWF's new initiative to collect examples of innovative, environmentally-focused business thinking from around the world.

Encourage pupils to design a campaign to raise climate awareness with a positive spin.