



WORKSHOP SUMMARY

Rainforest Rangers

Students are challenged to show that they have what it takes to survive in the jungle. They must embark on a quest of discovery through the Rainforest Biome that will educate them in how the rainforest can be drawn upon to give them what they need to live.

How long? Two hours

Who? Year 3 - 4. Geography and Science.

Where? The Core workshop room and Rainforest Biome

Students will:

- Understand our basic dependence on plants for survival.
- Experience the rainforest environment and a sense of awe and wonder in the natural world.
- Begin to consider the importance of Rainforest conservation.

Curriculum Links

KS 2 Geography

1a, 2a, b, c, 3a, b, c, 5b

KS 2 Science

2.5a

KS 2 Citizenship

5e

What Happens?

Surrounded by expedition survival equipment, maps and plant samples, the Education Officer will assist the students in their preparation for this survival challenge. Students will undergo basic training through role play and careful examination of plant specimens to consider how they could be used.

By observing what grows in the Rainforest Biome, the students identify plants for survival. The information they gather will be used to complete their Rainforest Rangers' notebook. This activity encourages students to think about how plants are adapted for life in the tropics, how they can be used for human survival and how indigenous people have adapted them for their own everyday use. On returning to the Core, we reflect on what's been learnt, and why the rainforest is important for all of us.

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 students during your day.

Additional information is on our website
www.edenproject.com

Rainforest Rangers – Ideas to support your visit

Before you come

Preparatory work could include the following

- Go to www.edenproject.com/come-and-visit/whats-here/rainforest-biome/index.php to get a sneak preview of what you might expect to see in the Rainforest Biome.
- Use atlases to locate the tropical rainforests of the world.
- Find out about the following aspects of rainforests;
 - The physical conditions (temperature, humidity, rainfall)
 - Structure of the rainforest- tree canopy, understorey etc.
 - Indigenous peoples – and how they survive in the rainforest.
 - Animal life in tropical rainforests
- Imagine you were set the challenge of surviving in a forest in Britain. What 3 pieces of equipment would you take? What problems would you face? What indigenous plants could you use to help you meet your requirements for food, water and shelter?

Follow up

- Go to www.wwf.org.uk/heartofborneo and find out about the problems being faced in the rainforests of Borneo. Stuart Chapman is a real rainforest ranger charged with trying to save the rainforest. Write a diary about life as part of his team.
- Think about the ways that rainforest peoples use plants for much more than just survival. Ask your pupils to bring in action men, Barbie dolls or even teddy bears to school and make a variety of useful things for them using sticks, leaves and other vegetation gathered from near your school.
- Look around the classroom, school and at home to find products we use that come from rainforests. Find out as much as you can about where they came from exactly. Is their production sustainable?
- Research organisations involved with the preservation of rainforests for example WWF, The Forest Stewardship Council and The Rainforest Alliance. How do these organisations help the rainforest?

Useful websites

www.raymears.com/ This website contains lots of useful information about survival equipment and how to use it correctly.

www.thesurvivalexpert.co.uk/ This website is packed full of survival tips and techniques for all sorts of situations.

www.wwf.org.uk The WWF is one of the worlds leading conservation bodies.

www.fsc-uk.org The FSC is an international, non-governmental organisation dedicated to promoting responsible management of the world's forests.

www.rainforest-alliance.org The Rainforest Alliance works to conserve biodiversity and ensure sustainable livelihoods by transforming land- use practices, business practices and consumer behaviour.

www.rainforestsos.org The Prince's Rainforest Project aims to identify incentives to encourage rainforest nations to slow their deforestation rate and to raise awareness of the link between rainforests and climate change. This website contains a wealth of great teaching resources and materials for students which are free to download.