



# WORKSHOP SUMMARY

## The Canopy Club

*The Rainforest Canopy is the most biodiverse place on the planet - full of extraordinary plants and animals. This workshop challenges your pupils to work as a team, using their scientific skills to investigate the rainforest's secrets.*

**How Long?** Two hours

**Who?** Year 5 - 6 Science

### Children will:

- Experience the heat, sights, sounds and smells of the rainforest.
- Understand the reasons for carrying out scientific research in the rainforest and the challenges which this kind of work presents.
- Plan, collect, consider and evaluate scientific evidence.

### Curriculum Links

KS 2 Science  
1.2, 2.5a, b, c

**Where?** The Core workshop room and Rainforest Biome

### What Happens?

Surrounded by scientific equipment and rainforest samples, the Education Officer will help the students prepare for their scientific expedition to the rainforest. They'll consider the conditions and challenges they are going to face and plan their investigation before setting off in teams to undertake practical research in the Rainforest Biome. On their return they evaluate and feedback on their results.

### 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](http://www.edenproject.com)

## Canopy Club – Ideas to support your visit

Find out about the following aspects of rainforests;

- Location of the tropical rainforests of the world
- Physical conditions; temperature, humidity, rainfall
- Structure and layers of the rainforest
- Animals and plants of the rainforest and how they depend on each other
- Recent discoveries in the rainforest. This is a good place to start  
<http://news.bbc.co.uk/1/hi/sci/tech/7531537.stm>

Investigate forests and trees closer to home

[www.naturedetectives.org.uk](http://www.naturedetectives.org.uk) is the Woodland Trust's resource for young people and schools. It has stacks of ideas for getting hands-on with trees, woods and forests in the UK.

Design an investigation and collect data in your school grounds in order to answer a question. For inspiration try [www.opalexplorenature.org/](http://www.opalexplorenature.org/) or <http://plantsafe.net>.

Build a woodland shelter or treehouse

Human-size might be a bit too challenging, so try building a forest camp for Ken and Barbie. Can pupils source their food, water, shelter, medicine and clothing from nature? Pupils could also construct a canopy raft [try google images] in a small tree/bush using netting (from orange packs?) and string.

Research and plan an investigation to a different ecosystem, e.g. the Arctic. What equipment would they need? What questions might they want to answer? What data would they collect and how would that help them answer the question? <http://capefarewell.com/>

### Useful websites

<http://rainforests.mongabay.com/0402.htm> A great introduction to the importance and methods of canopy science.

[www.rainforestsos.org](http://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.