EDEN PROJECT
Programme for Secondary Schools and Sixth Forms

www.edenproject.com/schools
Welcome

We’d love to see you and your students at the Eden Project this academic year. This programme contains an introduction to everything we offer secondary schools so you can make the most of Eden to support your students’ learning.

The Eden Project is an educational charity. Its aim is to connect us with each other and the living world, exploring how we can work towards a better future. Our programme for schools takes this mission as our inspiration to create and deliver programmes, projects and opportunities that support young people’s learning and development, and support you to teach the curriculum so that it’s engaging and enjoyable for all.

In case you haven’t been here yet - our visitor destination in Cornwall is an extraordinary setting for learning. Nestled in a huge crater, massive Biomes house the largest rainforest in captivity, stunning plants, exhibitions and stories and serve as a backdrop to our striking contemporary gardens, summer concerts and exciting year-round events.

Sam Kendall, Education Manager

Why visit?

• Our programmes are designed and led by teachers to meet your and your students’ needs. With a huge variety of curriculum-relevant, challenging and engaging options there’s something for everybody.

• With experience of hosting around 50000 school visitors each year we know how to make things as easy as possible for you. A visit to Eden is safe, enjoyable, well-resourced and learning-focused.

• Value for money. Visits cost from £4.80 per student, including VAT.

• Your colleagues recommend it. 100% of teachers responding to our survey said they would recommend an Eden visit to their colleagues.

Now dive in for the detail...
Eden offers schools

Education Officer-led workshops and talks
Designed to add colour and context to the curriculum, each of our taught sessions is led by an Education Officer experienced in bringing Eden Project and the relevant curriculum content to life for your students.

Entrance-only visits
For many schools this is a great way to explore Eden, especially if your time here is short or the focus for your visit isn’t covered by our workshops.
We provide a welcome briefing and space for your bags and lunches, leaving you free to explore the site at your leisure.

YHA Eden Project: Extraordinary Residentials
A stay at YHA Eden Project offers the best base for exploring the Eden Project and the rest of Cornwall. You’ll have a cosy night’s sleep in YHA Eden Project’s shipping container bedrooms and be fantastically well-fed with delicious food at Eden, cooked by Eden chefs.

Online resources
Our lesson plans and resources are designed by teachers for teachers. Why not make use of some Eden inspiration to support students’ learning in-school?

Activity and Adventure

Ice skating
November 2017 – February 2018
Our stunning, covered ice-rink offers a fantastic winter treat for your young people.

Adventure with Hangloose
Based at Eden, Hangloose will test your students’ teamwork and resilience through activities including England’s longest zip line and Britain’s biggest air bag jump. The adventure starts here!
www.hanglooseadventure.com
## What’s available for your students?

<table>
<thead>
<tr>
<th>KS3</th>
<th>KS4</th>
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<td>(2-hour workshops)</td>
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### Science
- Going to Extremes
- Biodiversity, Bees and Me
- Finding Fibonacci
- Photosynthesis – Life Support
- How Abund-ant?

### Geography and Sustainability
- Climate Challenge
- Jungle Connections
- Going to Extremes
- Sustainable Attainable

### Maths
- Finding Fibonacci
- Photosynthesis – Life Support
- How Abund-ant?

### Art
- Art and Design at Eden

### Business, leisure, travel and tourism

### Prices and bookings
Eden Workshops are priced from £5.80 per student. Minimum charges equivalent to 25 students apply. All prices include VAT and entrance, free teacher places and resources to support your visit. Our programme runs every weekday during term time.

You can combine any of our programmes to build a bespoke residential visit based at YHA Eden Project. See p.14-15 for more information.
Contact education@edenproject.com or 01726 811913.
www.edenproject.com/schools
Workshops and talks

Bringing colour and context to the curriculum
Two-hour workshop sessions for KS 3 & 4 students provide a key element of your visit and include time in the classroom and an exploration of one or more of Eden’s Biomes. Students develop as independent learners and make links between their learning in school and real world contexts.

Biodiversity, bees and me
Students explore Eden’s Biomes in order to investigate the importance of biodiversity and the use of gene banks to preserve hereditary material. Focusing on the role of pollinators, we model the impact of reduced biodiversity on human food security and consider what we can do to help. Science Y7-9

Going to Extremes
Students examine adaptations to conditions in the tropics by drawing comparisons with how humans cope with extremes. They explore the Rainforest Biome to find examples of these adaptations, before considering how particular adaptations enable organisms to compete more successfully and pass on their genes (Natural Selection and Evolution). Science and Geography Y7-9

Jungle Connections
What has the rainforest got to do with me? Students are challenged to explore their connections with the rainforests, analysing trade relationships and investigating our power as consumers to make a difference. Geography Y7-9

Photosynthesis - Life Support
How many plants do you need to keep you alive? In this hands-on workshop your students apply their knowledge of photosynthesis, respiration and maths in order to problem-solve and advise a stranded astronaut over 50 million kilometres away on Mars. The clock is ticking... Science Y8-10

How Abund-ant?
A chance for your students to undertake their own field investigation in Eden’s Rainforest Biome, looking at the distribution and abundance of tropical ants and contributing their findings to a live dataset used by Eden’s Science Team. Biology Y8-10

“Brilliantly links the opportunity to connect with wonderful plants found in regions thousands of miles away with a fuller understanding about the importance of living more sustainably within environmental limitations.”
Teacher at Kingsley School, Bideford
Climate Challenge
Climate change is happening and will affect everyone. Your students investigate causes and impacts of climate change as well as evaluating strategies for adaptation and mitigation. 
*Science and Geography Y9-11*

Sustainable Attainable
What does a sustainable future look like and how are we building that future? We begin at an individual and local level using tangible examples from Eden before evaluating approaches at a global level through the UN Sustainable Development Goals. 
*Sustainability Y7-11*

Art and Design at Eden
How can creativity convey complicated ideas, issues and information? Students investigate the commissioning process that underpins Eden’s iconic artwork and use this to plan, design and propose their own art installation. 
*Art Y9-11*

Finding Fibonacci
“...Children who struggle with maths were independently recreating the Fibonacci sequence this week without any help from me... These experiences have had a profound impact on their acceptance that knowledge has a purpose for them.”
Teacher from Meadowfield School

Finding Fibonacci
Mathematical patterns are at work all around us, from the spiral shapes of the Milky Way to the packing of seeds in a sunflower head. Students set out on a journey around the biomes to collect a plant-based data set which leads them to discover the maths hidden in nature. 
*Maths Y7*
KS5 Talks
For 6th form students our one-hour, classroom-based talks are curriculum linked and designed to promote thinking beyond the specifications and spark interest in the topics covered.

Biodiversity Under Threat
Life on our planet is inter-dependent. Conserving biodiversity and fully functioning ecosystems is key to the survival of all species. So, what does biodiversity actually do for us? Why and where is it being lost? And what can be done to halt the decline?

Rainforest Ecology and Adaptation
This session is an introduction to tropical rainforest climate, nutrient cycling and ecology. We discuss the challenges plants face; adaptations they have evolved and identify some of the ways in which human disturbance influences the ecology.

Rural Rebranding
The Eden Project is a unique organisation: social enterprise, educational charity, tourism destination, exemplar of regeneration. This session highlights Eden’s role in the regeneration of Cornwall, including its impact on the economy set against the backdrop of a sustainable business.

The Business of Eden
Eden is a working example of a social enterprise and charity. Find out what this means in practice including how we balance social, environmental and ethical impacts whilst remaining profitable.

Sustainable and Eco-tourism
Explore the Eden Project as an example of an eco-tourism attraction and social enterprise including positive and negative impacts on the local economy, environment and community.

Teachers said:
“The workshop stimulated structured and thoughtful discussion. Our pupils were filled with awe and wonder!”
“Possibly one of the most educationally rich venues to have taken groups to visit. I would hope all pupils at our school could visit on a rite of passage.”

Eden now offers a range of university-level degrees taught at our world-famous site www.edenproject.com/degrees
YHA Eden Project: Extraordinary Residentials

Staying at YHA Eden Project provides the best base for exploring the Eden Project and the rest of Cornwall. You’ll have a cosy night’s sleep in YHA Eden Project’s shipping container bedrooms and be fantastically well-fed with delicious food at Eden, cooked by Eden chefs.

You can customise your programme to best meet the needs of your students, booking onto any of the opportunities detailed in this booklet. Our Eden Challenges and Evenings are especially designed to help you make the most of your residential visit. Each cost £8.25 per student.

Eden Challenges
These three-hour Challenges allow a little more time for deeper learning, practical activity and team-focused tasks. We make use of the outdoor spaces and wilder places of Eden.

Fire Carriers
Encouraging pupils to explore trust and risk through safe fire skills, focusing on team work, communication and practical skills. Y7&8

Storm Patrol, E-Den Challenge
Who doesn’t like making a den? Pupils build dens together, with a focus on team work, communication and practical skills. Y7-9

Enterprise Challenge
Pitch your world-saving, money-making ideas. Inspiring pupils to be enterprising, focusing on teamwork, sustainability and business. Y7-9

Eden Evenings
These unique and enchanting 2-hour experiences give school groups the fantastic opportunity to get on site once we’re closed to the public.

Secret Biome
Explore the Biomes with a selection of experiential, sensory and challenge-based activities designed to create a magical and immersive atmosphere. Unforgettable. Y7-10

Sustainium
The Eden quiz/game show extravaganza, drawing on a mix of skills, talents and brain power. There will be brain teasers, practical challenges and a creative twist; pray you don’t get involved in a tie breaker! Y7-10

www.edenproject.com/learn/schools/eden-challenges

www.edenproject.com/learn/schools/eden-evenings

Fabulous Flags
Get creative, get colourful and maybe a bit messy. This is a brilliant way to encourage groups to bond and creates a masterpiece that they can take home to remind them of their trip to Eden. Y7&8

Booking residential visits
Book your rooms at the YHA by visiting: https://groups.yha.org.uk/hostel/yha-eden-project
Book your education packages via the Schools Team mentioning which Eden Workshops, Evenings or Challenges you would like to include. Contact education@edenproject.com or 01726 811913.
Contact us

education@edenproject.com
or 01726 811913

www.edenproject.com/schools
for detailed programme information and free resources for use in school and at Eden

Keep in touch with our regular e-news for schools
www.edenproject.com/e-newsletter