



Biddenham

International School & Sports College

Principal: Mr David Bailey

Head of School: Ms Eleanor Grylls

January 2023

Dear Parents and Carers

Eden Project Residential trip – 8th – 10th February 2023

The Eden Project residential trip is fast approaching, here are a few extra details you will need to know. Please ensure students have joined the google classroom (code: swmhmf) and have completed the following forms by January 20th:

1. Room Preferences
2. Meal Choices

A Parent Information Evening is being held on Thursday 26th January from 6-6.30pm in the Main Hall. Please follow the signs to reception to find this. The purpose of this evening is to go over the final details of the trip and answer any questions you may have.

It is really important that any medical needs have been outlined on ParentPay, this should have been completed when you signed up for the trip, however if there have been any changes please let me know.

When at the Eden project students will be taking part in 3 workshop classes:

Going to Extremes:

The challenge is for students to identify and explain plant adaptations suitable for life in the rainforest and use ideas about evolution to explain the occurrence of these adaptations. Starting in the Core students are introduced to the idea of adaptation through a quiz, use of video and by handling props. In the Rainforest Biome students sketch and note examples of plant adaptations to the rainforest ecosystem and begin to hypothesise as to how these adaptations help the plant.

On our return to the Core students share ideas about how particular adaptations give a plant a competitive advantage. They then play a game in to investigate how plants have evolved these useful adaptations – the game develops their understanding of variation (within and between species), adaptation and natural selection all set within the context of the Rainforest ecosystem. Finally, we consider how environmental change can lead to extinction.

Jungle Connections:

The challenge starts with a review of students' knowledge of rainforests and a hands-on activity to stimulate thinking about our connections to the rainforest and some of the associated issues. Students spend up to an hour in the Rainforest Biome, experiencing the reality of the tropical climate and finding further examples of their rainforest connections.

On returning to the classroom we take the story of chocolate as an example for analysing trade relationships in more detail and investigating our power as consumers to make a difference.

Storm patrol:

Following some team warm-ups to encourage communication skills, pupils then consider features of shelters from around the world. Success requires the teams to barter and trade to acquire the materials they need to build their den. Their structures must comply with a number of criteria to have the best chance of becoming the winning Eden and of surviving the final 'trial by storm'.

Biddenham Turn, Biddenham, Bedford, MK40 4AZ

Tel: 01234 342521

Fax: 01234 334530

Email: enquiries@biddenham.beds.sch.uk

Website: biddenham.beds.sch.uk

Itinerary

Wednesday 8th February	Thursday 9th February	Friday 10th February
<p>07.15 - Arrive at Biddenham, meet in the quad. 07.30 - Depart Biddenham 10.30 - Arrive at Stone Henge. Here we will explore the site, have lunch, and visit the gift shop. 13.30 - Depart Stone Henge 18.00 - Arrive at YHA Boswinger 18.30 - Dinner 19.30 - Games</p>	<p>08.00 - Breakfast 09.15 - Depart YHA Boswinger 10.00 - Arrive at Eden Project 10.30 - 12.30 - Morning workshop 12.30 - 13.00 - Lunch 13.00 - 15.00 - Afternoon workshop 15.00-16.00 - Explore Eden and visit gift shop 16.00 - depart Eden 16.45 - Free time in rooms and communal space 18.30 - Dinner 19.30 - Games</p>	<p>08.00 – Breakfast 09.15 - Depart YHA Boswinger 10.00 - Arrive at Eden Project 10.30 - 12.30 - Morning workshop 12.30 - 13.00 - Lunch 13.00 - Depart Eden project 19.00 - ETA Biddenham School depending on traffic and service stops (students will inform you when we are 30 minutes away)</p>

Packing List:

- Enough clothes for 3 days plus spares in case of bad weather
- Comfortable clothes such as jeans, leggings, joggers etc to wear during the day and in the evenings pyjamas
- Warm jumpers
- Hat, gloves, scarf
- Waterproof
- Appropriate footwear for wet/muddy conditions e.g. wellington boots, walking boots, trainers that you don't mind getting dirty
- Bin bag/carrier bag for wet, dirty items
- Backpack
- Pencil case with pen, pencil, rubber and ruler
- Towel
- Toiletries
- Lunch for the journey to StoneHenge
- Snacks and a drink for on the coach
- Electrical items may be brought on the coach for entertainment but are the responsibility of the student to keep them safe. We do not accept any responsibility for lost, stolen or damaged items.

Yours sincerely



Mrs Mary Ann Browne
Key Stage 3 Geography Lead
Lead Teacher Project Based Learning