



# Biddenham

International School & Sports College

Principal: Mr David Bailey

Head of School: Ms Eleanor Grylls

19<sup>th</sup> October 2021

Dear Parent/Carer

## Year 7 Residential Trip 19<sup>th</sup> - 21st January 2022

The Geography department is running a residential trip for year 7 students to The Eden Project in Cornwall. This is an amazing opportunity for your child to investigate a number of different geographical environments that will further their understanding of the topics taught in year 7 up to GCSE. Please note there are only 40 spaces available for this trip. The trip will run from 19<sup>th</sup> - 21<sup>st</sup> January.

Please note the accommodation provided will be with the Youth Hostel Association in Treyarnon Bay and students will be sharing dormitories with approximately 4 - 6 other students of the same gender.

The cost of this trip is £150 per student and this includes 2 breakfasts, lunches and dinners, workshops and transport by coach, however your child may wish to bring some spending money and food for the journey. This can be paid and parent consent given through your [ParentPay](#) account. If you prefer to pay by instalments please contact the Finance office to arrange this or alternatively email [bernadette.burnage@mybiddenham.com](mailto:bernadette.burnage@mybiddenham.com). To confirm a space please pay your £50 deposit via ParentPay. This will be on a first come first served basis.

Please find attached some further information about the trip, however an information evening will be arranged in January to provide parents and carers with any additional information or questions you may have.

Kind regards.

Mary Ann Browne  
KS3 Geography Leader  
Lead Teacher of Project Based Learning  
Email: [mary-ann.browne@mybiddenham.co.uk](mailto:mary-ann.browne@mybiddenham.co.uk)

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Biddenham Turn, Biddenham, Bedford, MK40 4AZ

Tel: 01234 342521

Fax: 01234 334530

Email: [enquiries@biddenham.beds.sch.uk](mailto:enquiries@biddenham.beds.sch.uk)

Website: [biddenham.beds.sch.uk](http://biddenham.beds.sch.uk)

## **Year 7 Residential Trip – 19th- 21st January 2022**

### **Additional Trip Information**

#### **The Eden Project, Cornwall**

We will travel to The Eden Project, where students will stay for a total of 2 nights. During their stay they will take part in a number of workshops run by The Eden Project, which are outlined below:

#### **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.

#### **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.

#### **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 E-den and of surviving the final 'trial by storm'.