

17th April 2024

Dear Parent/Carer

**Yr 8 STEM Trip to Legoland - Monday 15th July 2024**

We have the opportunity to visit Legoland Windsor. Here the students will attend a workshop where they will learn more about the forces involved in designing, building and running rollercoasters.

During the workshop, students will discover and investigate what energy transfers occur during a rollercoaster cycle, and discuss the forces involved including gravity, friction, air resistance during a loop-the-loop. Students will work together to design and build their own Lego roller coaster. They will then (in groups with staff members) be able to have some time in the theme park to enjoy some of the rides.

We would like to extend this exciting invitation to 49 students in year 8 on a first-come-first-serve basis. Bus transport will be provided. Students will need to wear their school uniform, and as they will be representing Budmouth Academy, we expect them to adhere to our very high behaviour expectations. If students are walking home by themselves, this must be agreed via an email from parents/carers by 7th July 2024. Please see the itinerary below:

Meet at Budmouth	6.45 (prompt)
Leave Budmouth	7.00am
Arrive at Legoland	10.00am
Day at the Legoland with STEM workshop	10.00am-4.00pm
Leave Legoland	4.00pm (appx)
Return to Budmouth	7.00pm (appx) - Students to contact parents when 30 minutes away

Students will need to bring a packed lunch. Students in receipt of free school meals will be catered for. Please email me any dietary requirements for this. Students may bring a small amount of money for a souvenir.

The cost of the trip is £34.50 per student. Payment can be made using the ParentMail app by Friday 3rd May 2024. There are a limited number of partially funded places for those who are eligible. All students' medical and contact information will be taken from the information we hold on Arbor. Therefore please ensure that this information is up to date via the ParentMail app. Should you have any concerns regarding this please email: [dbrown@budmouth-aspirations.org](mailto:dbrown@budmouth-aspirations.org)

We hope your child joins us on this exciting trip and finds the experience both enjoyable and informative. If you have any questions or concerns, please do not hesitate to contact me directly.

Yours sincerely

Samantha Wiles  
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