



Bacchus Marsh
Grammar

Dear **Parent/Guardian**,

Year 11 Physics Luna Park Activity Day

As part of the Year 11 Unit 1 & 2 Physics VCE course, students are required to understand learn about motion by exploring the question “**How is motion understood?**” This area of study is a key component of their Unit 2 VCE course and covers important background knowledge for the Year 12 Units 3 & 4 Physics VCE course.

Students will participate in a supervised excursion to Luna Park Melbourne where they will attend Luna Park’s *Physics Activity Day*. The day will include activities specifically targeted at contributing to students understanding of the VCE Physics course, in particular the study of motion. Luna Park runs this event annually. The park will be closed to the general public, and only VCE Physics students from schools around Victoria, and their teachers, will be attending the day’s events.

Date: **Monday 6 March 2023**

Time: 9:00 am - 3:00 pm

Uniform: Full Sports Uniform including BMG school hat

Location: Luna Park Melbourne, 18 Lower Esplanade St Kilda.
Note: Students will not be permitted to leave the Park during the day.

Food: Students should bring a water bottle (no drink taps are available at the park). Students are encouraged to bring lunch and snacks to avoid long queues at Luna Park food stalls. Food will be available to purchase from the park.

Transport: Students will be transported by bus are to meet at the bus shelter at 8:45am. Bus will depart BMG as soon after 9:00am as possible and will return at approximately 3:00pm. Students who arrive on morning buses after 8:45am should let Mr Rzanovski or Dr. Wild know, and the excursion bus will wait for those students to arrive.

Aim: For students to experience and learn about the physics of motion and to provide rich content for students to explore and discuss during their study of motion during Unit 2 VCE Physics classes.

Activities: Students will observe and ride various attractions in the park and discuss the physics behind the rides. Discussions will include the concepts of momentum, velocity, forces, and circular motion.

Please complete this form no later than **Monday 27 February 2023.**

If you require any further information, please contact Marcus Rzanovski at the school on 5366 4800 or via email rzanovskim@bmg.vic.edu.au

Kind regards,

Marcus Rzanovski
Year 11 Physics teacher

Kevin Richardson
Senior Deputy Principal



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Year 11 Physics Luna Park Activity Day

I give permission for my child _____ in Year _____ to attend the
Year 11 Physics Luna Park Activity Day on **Monday 6 March 2023.**

- ☐ *In the event of illness or accident, and where it is impractical to communicate with me, I authorise my child's receiving such medical or surgical treatment as may be deemed necessary.*

Parent/Guardian: _____ Signature: _____ Date : / /2023

Please complete this form no later than **Monday 27 February 2023.**