



Ambarvale High School

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Principal: Ms L Barnott-Clement, M.A., M.Ed., B.A., Dip.Ed.
Deputy Principal: Ms S Arts, M.Ed., B.Sci., Dip.Ed.
Deputy Principal: Ms E Fitzgerald, B. Health Science, Dip.Ed.

Educational Excursion Information and Consent Year 11 - Kickstart Physics

Dear Parent

Your child has been invited to participate in Kickstart Physics. This is a science experience that allows HSC students a chance to do experiments and demonstrations of key ideas in the syllabus that are difficult to do in the classroom. Students will be taking part in two engaging workshops related to their modules studied in their HSC course.

Workshop 1:

Students will learn about electromagnetism from a unique way, then combining those concepts to have a deeper understanding of what we mean by Electromagnetism. These concepts are then combined to go through a number of applications of electromagnetism. Investigations included are: Electric fields, Magnetic fields, Electromagnetic induction, and Applications of EM.

Workshop 2:

Students will learn about a number of concepts in modern physics through some hands-on experiments and investigations. The experiments are designed to be interactive and to give students various techniques and skills in experimentation. Investigations included are: Oil drop experiment, Spectrum of Light, Radioactive half-life decay, and Mass Defect

When: Friday, 29 November 2019

Where: University of Sydney, Sydney Campus

Itinerary and transport: Students will be catching the train

- Students are to meet at Campbelltown Train Station at 7:45am
- Students will catch a train at 8:03am to arrive at Central Station at 9:00am where they will walk to Sydney University, Sydney Campus
- Students will have the opportunity to purchase lunch
- Students will catch a train from Central Station at 4:33pm and return to Campbelltown Station by 5:30pm where they will be dismissed

Parents are responsible for their child's transport and safety following their return to school

Cost: \$60.00. This cost covers entry to Kickstart Physics and participation in both workshops. Students will need to pay for their own train fare on the day and must have their own OPAL card with a minimum \$15.00 balance. Payment is to be made online via the school website (www.ambarvale.h-school@det.nsw.edu.au) or to the front office no later than Friday, 22 November 2019.

What to bring: Pen, paper and recess/lunch.

Dress Code: Full school uniform and fully enclosed comfortable shoes suitable for walking (students will not be able to participate if these are not worn).

Departure from: Campbelltown Station at 8:03am

Return to: Campbelltown Station at 5:30pm

Supervising Teacher/s:

Emergency Care

First Aid Certificate

Teacher in Charge: Miss R Nunes



Emergency Contact Number: 4627 1800

*Please complete and sign the Permission note attached and provide relevant medical information.
Permission note to be returned to Miss Nunes by 22 November 2019.*

Mrs S Maynard
Head Teacher Science
7 November 2019

Ms R Nunes
Organising Teacher



**Educational Excursion Consent
Year 11 - Kickstart Physics**

I give permission for my child _____ to attend the Year 11 Physics Excursion to Kickstart Physics, at University of Sydney, Sydney Campus on Friday, 29 November 2019. I understand that students will catch a train from Campbelltown Station at 8:03am and will return to Campbelltown Station at approximately 5:30pm; my child must wear full school uniform and fully enclosed comfortable shoes suitable for walking; the cost of the excursion is \$60.00 and needs to be paid by Friday, 22 November 2019. I understand that my child must have their own OPAL card with a minimum balance of \$15.00 loaded.

Parents are responsible for their child's transport and safety prior to departure time and location and following return time at location.

MEDICAL INFORMATION:

Medical conditions _____

Allergies _____

Diet requirements _____

Medication _____

Other _____

Medicare Number (optional) _____

Parent/Emergency Contacts:

	Name	Contact Number	Relationship to Student
1.	_____	_____	_____
2.	_____	_____	_____

Parent Signature: _____ **Date:** _____