



insert school logo



Dear Parent or Caregiver,

Your child is invited to the

Aeronautical Velocity Challenge State Heats/Final circle one.

Date & time of heats to be confirmed

The Aeronautical Velocity Challenge is a STEMs initiative focussing on addressing Australia's shortage of scientists and engineers. Design teams will partake in challenges including; designing, producing and dog-fighting balsa model propeller powered planes, and designing, producing & launching bottle rockets to achieve a maximum velocity whilst travelling a maximum distance. Students compete in teams of up to six students to design, produce, test & evaluate their prototypes. Teams are required to justify their design & engineering decisions verbally to the judging panel.

This competition is an ideal opportunity for schools, students, teachers, community and local industry to engage in practical numeracy and literacy activities in a fun and innovative engaging environment in the pursuit of becoming STATE CHAMPIONS.

on
Friday the 12th of June 2015
at the
University of Wollongong
from
9.00 am to 4.00pm

This excursion has been planned to supplement work being done in
Stage 4 Technology Mandatory and Stage 5 Design & Technology & Engineering

The teacher in charge of the activity is:

The teachers attending this activity are:

The teachers with Emergency Care training are:

Teachers with Cardio Pulmonary Resuscitation training:

Students will need the following items on this excursion:

Clothing: **Full School Uniform**
Safe, sturdy, enclosed footwear
STUDENTS MUST BRING THEIR OWN PPE
(safety glasses, aprons, hair nets, etc.)

Food: **BYO Morning Tea & drinks**
Lunch provided
Canteen facilities are also available

.....
Excursion Coordinator –

.....
Principal

Please complete details and return to

**UNIVERSITY OF
WOLLONGONG**



EXCURSION CONSENT & MEDICAL INFORMATION FORM



insert school logo



I consent for my child, of class to attend the
(student's name) (student's class)

Aeronautical Velocity Challenge State Finals

Friday the 12th of June 2015

at the
University of Wollongong

from
9.00 am to 4.00pm

This excursion has been planned to supplement work being done in
Stage 4 Technology Mandatory and Stage 5 Design & Technology & Engineering

Course outcomes addressed during this excursion/competition include

- TM 4.1.1 Applies design processes that respond to needs and opportunities in each design project
- TM 4.2.1 generates and communicates creative design ideas and solutions
- TM 4.3.1 applies a broad range of contemporary and appropriate tools, materials and techniques with competence in the development of design projects
- TM 4.5.2 produces quality solutions that respond to identified needs and opportunities in each design project
- TM 4.6.1 applies appropriate evaluation techniques throughout each design project
- DT 5.1.1 analyses and applies a range of design concepts and processes
- DT 5.1.2 applies and justifies an appropriate process of design when developing design ideas and solutions
- DT 5.4.1 develops and evaluates innovative, enterprising and creative design ideas and solutions
- DT 5.6.1 selects and applies management strategies when developing design solutions
- DT 5.6.2 applies risk management practices and works safely in developing quality design solutions
- DT 5.6.3 selects and uses a range of technologies competently in the development and management of quality design solutions
- IT 5.1.1 identifies, assesses and manages the risks and OHS issues associated with the use of a range of materials, hand tools, machine tools and processes
- IT 5.1.2 applies OHS practices to hand tools, machine tools, equipment and processes
- IT 5.2.1 applies design principles in the modification, development and production of projects
- IT 5.2.2 identifies, selects and competently uses a range of hand and machine tools, equipment and processes to produce quality practical projects
- IT 5.4.2 works cooperatively with others in the achievement of common goals

I acknowledge that workplace health & safety is everyone's responsibility and that it is the participating school AND individual student's responsibility to have completed mandatory safe operating procedure training on the following equipment PRIOR to participating in the Aeronautical Velocity Challenge State Finals.

Woodworking hand tools, metalworking hand tools, scroll saw, hot glue gun, battery drill, personal protective equipment.

Signature:

Date:

UNIVERSITY OF
WOLLONGONG



Please complete the Medical and Consent Information Form on the reverse side of this form.

Please provide full details by completing the Medical Information Form.

Parent or caregiver contact details

Name:

Address:

Home phone: Work: Mobile:

Doctor contact details

Name: Doctor's telephone:

Address: Doctor's telephone:

Emergency contact(s) details (nominated by the parent or caregiver as alternate contact)

1. Name: Phone:

2. Name: Phone:

MEDICAL INFORMATION FORM

The information provided on / / 20..... (date) by (Guardian's name) is being obtained for the purpose of ascertaining relevant medical information, requirements and other health care related needs about (student name) who is currently enrolled at the school and who may participate in school excursions, sporting activities or other educational or school activities conducted by or in conjunction with XXX High School.

It will be used by the NSW Department of Education and Communities to assist planning, to support students, and to minimise risks when conducting school excursions, sporting or other school activities.

Other persons or agencies that may be provided with this information include, but are not limited to, volunteers and members of external organisations who join with the school or are otherwise involved in the planning or delivery of the excursion, sporting or other school activity; and persons that may be called upon to provide health care treatment or other assistance during or as a consequence of such excursions or activities.

Provision of this information is required by law / voluntary. However, a failure to provide the information may mean that your school will make available a sound alternative educational experience.

Provision of this information will significantly assist the school in planning a safer educational activity. It will be stored securely. If you have any concerns about provision of the information, please contact the school principal to discuss further.

You may correct any personal information provided at any time by contacting the school office.

List existing medical conditions or illnesses (including asthma, diabetes, epilepsy, allergies, etc). Outline the treatment for each.

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Outline special dietary needs including possible reaction to inappropriate diet

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Medication(s) to be administered during the excursion. Include name of medication, instructions for administration, time of administration, and any possible reactions

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.....

I give consent for my child to receive medical treatment in case of emergency
Special needs (e.g. allergies, medication)

☐ YES

☐ NO

☐ YES

☐ NO

Signature: Date: