Turramurra High School
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SCHOOL EXCURSION / INCURSION NOTIFICATION

Dear Parent/Caregiver, an excursion/activity has been organised for your child.

Excursion / Incursion	**Palo Alto NSW Cyber Industry Experience Day**
Date	Wednesday 26th October 2022 (Students to meet Ms Saenz at North Sydney Train Station.)
Year / classes involved	16 students from Year 11 SDD and IPT
Location	Palo Alto Networks. (100 Mount Street North Sydney)
Purpose	Palo Alto are one of the largest Cyber Security firms in the world. Details are below and in the flyer. This engaging opportunity aligns with the outcomes Option 5: The Internet and Website Development of the IST syllabus. Students will be completing 2 missions. Mission 1: Fascinating Hacks. An interactive session on some of the most fascinating hacks in history (i.e a hacker that managed to get into a Casino network via an internet connected thermometer in a fish tank). This will provide an understanding of the threat landscape and the many different ways you could fall victim to a cyber attack. The students will then work in groups to identify a vulnerability in their school or home and come up with a solution to prevent an attack. Mission 2: Track the Hack This is highly engaging and energetic, also great to get the teachers involved. The students will be given a mission to work out the code the hacker used to infiltrate a core system. They will then work together in groups to
Start time	9:00am Meet at North Sydney train station
End time	2:30pm Students will be released from the venue to make their own way home.
Transport	Train
Cost	$0.00
Dress requirements	Full school uniform
Food	Recess/lunch will be provided
Equipment	Wet weather gear
Organising teacher	Claudia Saenz
Teachers attending	Claudia Saenz
Additional information	

Educational outcomes	Palo Alto are one of the largest Cyber Security firms in the world. This engaging opportunity aligns with the objectives from SDD and IPT as described below. Students will be completing 2 missions. Mission 1: Fascinating Hacks. An interactive session on some of the most fascinating hacks in history (i.e a hacker that managed to get into a Casino network via an internet connected thermometer in a fish tank). This will provide an understanding of the threat landscape and the many different ways you could fall victim to a cyber attack. The students will then work in groups to identify a vulnerability in their school or home and come up with a solution to prevent an attack. Mission 2: Track the Hack This is highly engaging and energetic, also great to get the teachers involved. The students will be given a mission to work out the code the hacker used to infiltrate a core system. They will then work together in groups to program the Sphero Ball with the same code to 'Track the Hack'. The first team successfully achieves this by getting the sphero to the end of the maze and knocking out the hacker wins. 11SDD Objectives and outcomes: 1. knowledge and understanding of the historical developments that have led to current practices in software design and development, and of emerging trends and technologies in this field. Outcome addressed: H2.2 explains the interrelationship between emerging technologies and software development 4. skills in designing and developing software solution Outcome addressed: H4.2 applies appropriate development methods to solve software problems 11IPT Objectives and outcomes: 3. an understanding and appreciation of social and ethical issues pertaining to information systems, technologies and processes H3.2 demonstrates and explains ethical practice in the use of information systems, technologies and processes 4. an understanding and appreciation of the emerging nature of information systems, technologies and processes within a historical context H4.1 proposes and justifies ways in which information systems will meet emerging needs
Consent Form and Payment due to Office by	Monday 24th October 2022

General Information Concerning Excursions / Incursions

1. Excursions and Incursions form an integral part of the curricula by providing enriching experiences which cannot be provided in the classroom.
2. This excursion/incursion has the approval of the principal. A risk management plan has been submitted to the principal as part of the excursion planning.
3. Students must wear full school uniform unless otherwise instructed above. Students who are not in uniform will not be allowed to attend.
4. A standard of behaviour is expected of all students representing the school in the greater community.
5. Please note the time and place of departure and return, transport arrangements, uniform requirements and food as advised above.

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Mr David Arblaster
Principal