

Starting Up with CYBER SECURITY & ASD CyberEXP

Melbourne JCSC [Joint Cyber Security Centre]
Level 32, 600 Bourke Street, Melbourne
28 March 2019 | 4:30pm - 6:30pm

AN INVITATION TO STEM, COMPUTING, DIGITAL TECHNOLOGIES TEACHERS & CAREER ADVISORS

A professional learning event designed to introduce educators to the growing STEM field of cyber security, through the ASD CyberEXP, a new resource sponsored by the Australian Signals Directorate (ASD). Teachers will be provided with free tools and resources available for schools, will be introduced to new educational pathways and hear from local professionals working in the field.



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REGISTER for this FREE Professional Learning

<https://goo.gl/Tq3tSp>

TIME

EVENT PROGRAM

- 4:30PM **Event Welcome & Introduction**
Bruce Matthews, Director, Melbourne Joint Cyber Security Centre
- 4:45PM **LifeJourney Cyber Security Programs**
Renee Hoareau, Director Education and Engagement
- 5:00PM **Cyber Security Pathways & Careers in Victoria**
Guest Industry Speakers (to be announced)
- 5:40PM **Cyber Education Workshop**
ASD CyberEXP, Cyber Teacher
BYO laptop/tablet/iPad
- 6:15PM **Challenges and Competitions**
Curriculum links, Teacher Support
Student events, Cyber Camps, Cyber Clubs, Scholarships
- 6:25PM **Closing Remarks**
Thank you to Education, Industry, Government supporters

CYBER=CAREERS

Cyber security is one of the fastest growing STEM career fields in the world with an estimated 3.5 million jobs being created worldwide and 11-18 thousand jobs in Australia over the next few years.

CYBER =STEM

Cyber knowledge content and skills link with the Australian STEM School Education Strategy 2016-2026 endorsed by Australian education ministers. Cyber is ubiquitous in the advancement of technology and innovation in the digital age.

Allied with innovation, all Australians in a global community, need knowledge and skills of cyber security and cyber safety to enable them to trust in government, business and social systems. The ASD CyberEXP provides an insight into cyber security and encourages Australians to learn and work in this essential

CONTACT

For further information about cyber security professional learning and student events please contact

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CYBER = DIGITAL TECHNOLOGIES

DigiTech curriculum links to Cyber Security are in the areas of Algorithms, Binary, Computational Thinking, Data representation, Design Thinking, Digital Citizenship, Digital Systems, Programming/Coding, Systems Thinking, Visual Programming. For example: Plan and manage projects that create and communicate ideas and information collaboratively online, taking safety and social contexts into account - ACTDIP032