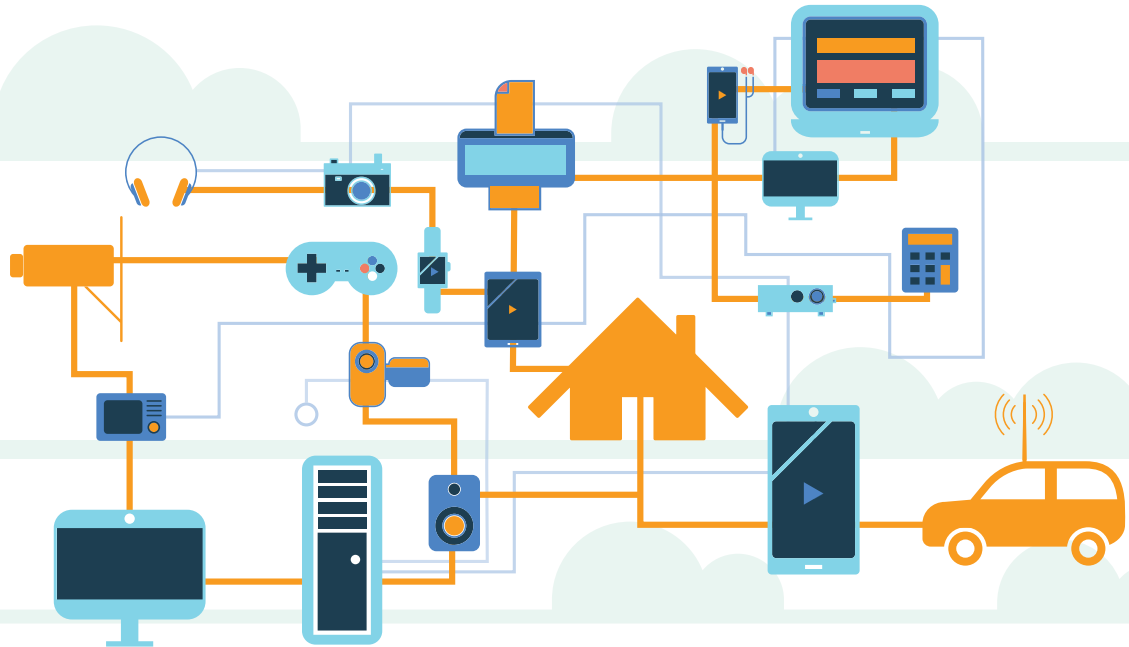# Skilling THE BAY

Robotics, Coding and the Internet of Things

Digital skills for jobs of the future – make a positive difference!

How would you like to explore robotics and the Internet of Things (IoT) through the application of coding to computer and robotics technology?

You will be excited about this program if you ...

- want to see how coding for computer applications can solve real world challenges
- want to understand the profound effect the Internet of Things is having on our lives
- are keen to explore the new employment pathways that robotics, coding and the IoT is creating for people with digital technology skills and a flare for innovation and creativity
- are interested in building your computational AND people management skills
- are in Year 9 - 12 in a school in the Barwon region.

How does the IoT Program Work?

- The program runs on Tuesdays over 3 or 4 weeks, 9.00am - 2.30pm
- The venue is The Gordon East Campus
- It is run by digital technology experts
- 15 – 18 students in a group

Benefits to students

- Applies digital technologies to real world problems
- Uses cutting edge technologies
- Students have fun working together to apply coding to a robotics challenge
- Explores the enormous potential of robotics, coding and IoT
- Raises awareness of the importance of Science, Technology, Engineering and Mathematics for future personal and economic prosperity
- Reveals future education and employment pathways to assist students' career planning
- Connects with local "smart businesses"
- Supports students' development of interpersonal and project management skills
- Provides a significant addition to students' resumes

How do I get involved?

Complete the Application Form attached and return it to your Careers Teacher.

2019 dates **Term 2:** 4, 11, 18, 25 June • **Term 3:** 27 August, 3, 10, 17 September • **Term 4:** 12, 19, 26 November

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