

STEM & Programming Teacher Training Workshop

At eLabtronics

STEMSEL = Science Technology Engineering Mathematics Social Enterprise Learning

Teaching STEM, Programming and Social Responsibility as a whole using ezSystem and STEMSEL micro-controller inventors kit. Fits ACARA Digital Technology and Design Technology curriculum. No prior experience required. Example projects include Programming: 1. 3D printed street lights to dim down to save electricity to reduce greenhouse gases to reduce floods, droughts and poverty. 2. Wind Generators. 3. Digital codes to defuse explosives to save trapped miners. Extension projects: WIFI and Blue tooth Robots, LCD Displays, Olympic Torch Relay, anti-collision robots, electronic safe, Laser diodes, Digital Sounds, Alarm System, prove "Many Hands Make Light Work" with STEMSEL Human Conductor!



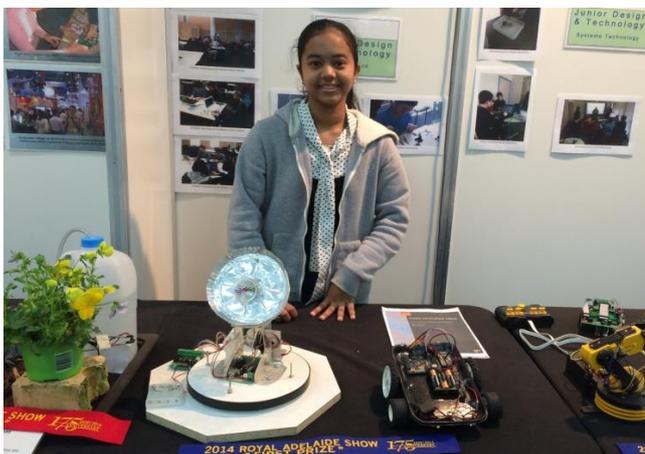
STEM experience

- * Learn how projects fit mandatory ACARA STEM, Coding Digital Technologies Curriculum
- * Loreto College uses STEMSEL to dovetail to International Baccalaureate (IB) Creativity Action Services (CAS)
- * How University interns can help your school
- * Receive a STEMSEL PD certificate
- * Includes reusable Kit & Software to keep!

The Minister of STEM, Higher Education, Status for Women praises STEMSEL Integration project:

<http://youtu.be/9S7BE0Avi5A>

Loreto College students on ABC National TV News about Digital Curriculum <http://youtu.be/sTwBeWa4gE0>



Yr11 Kaviya won a \$5000 commercialization grant from AMP for her STEMSEL Texting Plant Project.

When: Thursday 8th December 2016

9:30am to 3:30pm

(Bring a Windows laptop to install ezSystem software)

Where: eLabtronics, 51 Byron Place, Adelaide 5000

Cost: \$300+GST includes a Digital STEMSEL Inventors Kit and Full Version Graphical ezSystem Software

Contact: Miro 0425 868 353

Email: miro@stemsel.com

East Adelaide Primary School Teacher says: "This STEMSEL workshop for teachers has enabled me to immediately plan the introduction of STEMSEL Inventors workshops at my school to meet the ACARA Digital Technologies Curriculum framework"

Heath programmed his LEGO with Digital STEMSEL

<http://youtu.be/02HEg2WrQog> and then...



Yr6 Heath impressed Judges at Royal Adelaide Show with his STEMSEL Solar Tracker. He won a trip to Singapore and then a second win and trip to USA Navy competition!