

Immediate: Wednesday 12 August 2015

Local secondary students exhibit inspiring projects at SACE expo

More than 100 secondary school students will showcase their unique Research Projects to 5,000 visitors at an expo at Adelaide Showground today, Wednesday 12, and Thursday 13 August.

Example of projects being exhibited:

Wednesday Sessions:

- How can the protective capacity of modern body armour for police and soldiers be increased using developing technologies?
- What evidence is there to suggest that solar energy will be the dominant source of energy in India by mid-century?
- To what extent does social media affect our happiness?
- To what extent do Peritoneal & Haemodialysis differ, which best supports a Kidney Disease patient's lifestyle?
- How can Mirror Therapy and other alternative unmediated treatments have an impact on phantom pain relief in amputees?
- How do I build my own customized skateboard?
- What is involved in creating a Claymation animation video?
- How can I improve an existing pedal powered vehicle on a budget, to increase speed?
- How is a longbow made and what tests can be carried out to determine the performance capabilities of the bow, identifying potential sources of error & improving performance?

Thursday Sessions

- What are the most challenging aspects of building a Cajon?
- How accepting is the South Australian public of the construction characteristics and pricing of sustainable architecture when compared to the standard housing available?
- How does AUSLAN (Australian Sign Language) benefit children?
- What are the effects of parental and peer teasing on body image amongst SA adolescents?
- What characteristics of video games cause aggression in teenagers?
- Why is natural horsemanship so useful in strengthening the bond between horse and rider? Can it be used to successfully train a horse to jump?

SACE Board Chief Executive Dr Neil McGoran said the exhibiting students would provide upcoming Research Project students with inspiration and guidance.

“The expo will inspire and inform students preparing for their Research Project, giving them ideas about topics they might investigate, and providing tips on effective research.

“What makes the event unique is the opportunity for students to hear from young people who have successfully completed projects on a broad range of topics – the challenges they faced, and how they overcame them.

“The expo also features presentations and exhibits from a range of industry and educational organisations and experts, who can provide ideas and advice for students across many topic areas.

“The Research Project is fundamental for SACE students because it enables them to develop skills for life-long learning – for further study and in their careers.

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“The expo is an opportunity for parents, families and community to come and talk to the student exhibitors about their work.

“We are privileged to hear many stories from past SACE students about how their Research Project has had a real influence on their future study and career aspirations,” Dr McGoran said.

The Research Project Student Expo is open to parents, students, and the public from 9am to 3pm on Wednesday 12 and Thursday 13 August at the Ridley Centre, Adelaide Showground.

Social Media: Live updates from this year’s event – including photos, videos, and highlights from the booths and presentations – will be posted on the SACE Board Twitter account @saceboard with the hashtag #RPexpo.

More information on the Expo is available at: sace.sa.edu.au/expo2015