

## Designing a Park, Conducting Stem Cell Research and Racing Cars – all part of the hands-on learning experience at Republic Polytechnic's Open House 2013

### PHOTO RELEASE

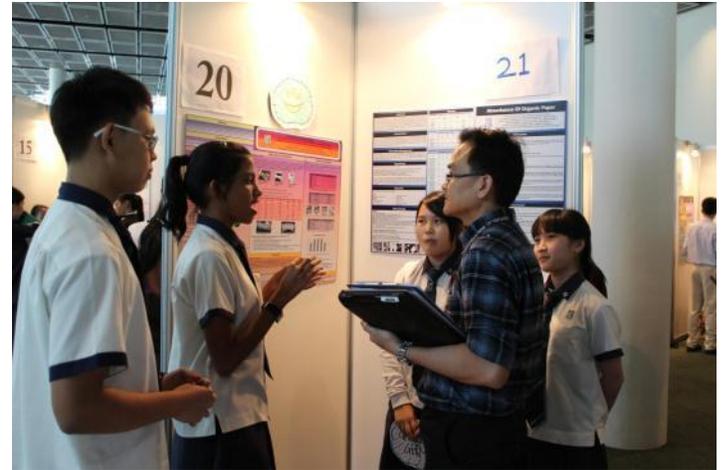
**Singapore, 8 January 2013:** Republic Polytechnic (RP) held its Open House 2013 on 5, 7, and 8 January 2013, giving secondary school students a glimpse into the breadth, choice and benefits of a polytechnic education through a series of engaging activities.

The first two days of the event saw close to 8,440 visitors, including secondary school students and their parents, make their way down to RP to learn about the various diplomas offered by its six schools and two academic centres. RP has introduced two new diplomas this year – the Diploma in Electrical and Electronic Engineering, and the Diploma in Social Enterprise and Diploma in Mass Communication – taking the total number of diplomas offered to 37.

During the event the secondary school students also got a chance to find out more about RP's many student-run Interest Groups, as well as collect goodie-bags and win prizes.



**An Atmosphere of Fun and Learning:** Republic Polytechnic's (RP) Open House 2013, held on 5, 7 and 8 Jan 2013, gave secondary school students a glimpse into the breadth, choice and benefits of a polytechnic education. The first two days of the event saw close to 8,440 visitors, including secondary school students and their parents, visit RP to learn about its various diplomas and student-run Interest Groups, while also collecting goodie-bags and participating in engaging activities to win prizes.



**Secondary School Students Research Stem Cells:** On the second day of its Open House 2013 (Monday, 7 January 2013), RP held its Science Congress where close to 220 secondary school students participated in exciting, one-of-a-kind workshops, which showcased forensic science, DNA analysis techniques, bacteriological outbreaks and even delved into the world of stem cell research. The students also had the opportunity to interact and learn from leading scientists through panel discussions, and showcase their own school research projects through posters in a sharing session.



**Designing the Ideal Park:** Close to 100 secondary school students participated in RP's Design Innovation Competition, where they were tasked with developing innovative and realistic solutions to improve Admiralty Park and the lives of the community surrounding it. After weeks of brainstorming, market research, and understanding the needs and wants of the community, the students presented their ideas for the ideal park at RP's Open House 2013. The team from North Vista Secondary School walked away as champions, after proposing various innovative ideas such as accentuating the landscape of the park with a playground, clean streams and a firefly garden.



**Speed Racer Challenge:** At Republic Polytechnic's Open House 2013, students from RP's School of Sports, Health and Leisure gave the secondary school students an overview of the motorsports industry and what it takes to organize international sports events such as the Singapore Formula One Grand Prix. Adding an element of fun, the students also had the opportunity to race radio-controlled cars in the Speed Racer Challenge, and take pictures with an actual Formula BMW car.

### **About Republic Polytechnic**

The first educational institution in Singapore to leverage Problem-Based Learning approach for all its diploma programmes, Republic Polytechnic (RP) has six schools and two academic centres offering thirty-seven diplomas in Infocomm, Engineering, Applied Science, Technology for the Arts, Sports, Health & Leisure, Events and Hospitality, Enterprise, and Communication. Republic Polytechnic is committed to nurturing innovation and entrepreneurial learning in an environment that develops problem-solving skills and lifelong learning opportunities. Its holistic, broad-based curriculum, covering culture, enterprise development and cognitive processes, prepares students for an active and meaningful role in society. Republic Polytechnic strives for excellence and has achieved various international and national accreditations, including ISO9001, ISO14001, OHSAS 18001, SS540, Singapore Quality Class, People Developer, Innovation Class, and Service Class.

For more information, visit [www.rp.edu.sg](http://www.rp.edu.sg)

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