

Annex A

April 2015

FACTSHEET *Tech Saturday Kids' Hackathon*

The Tech Saturday Kids' Hackathon is a free, half day coding challenge for 120 young builders, aged 10-14 to pit their coding and computational skills. Through the event, young builders, both novice and advanced, grouped in threes or fours will take on a fun and engaging challenge: program a smart vehicle that avoids obstructions in either 2D animation or mOway robotics.

The Kids' Hackathon provides a great venue for young builders and enthusiasts to meet other like-minded and share their interests, have fun, experience what it is involved in solving one of the biggest real-world problems – transportation and win prizes.

A panel of judges including technology academic and experts, *Professor Steven Wong, Singapore Institute of Technology (SIT), Bernard Low, Assistant Secretary Executive Committee, Singapore Industrial Automation Association and Khoong Hock Yun, Assistant Chief Executive, Infocomm Development Authority*, will evaluate the codes, team work and the ability to demonstrate or “sell” their end product.

The ability to code and build innovative devices is a showcase of the Code for Fun Enrichment Programme under the Code@SG Movement where students are exposed to coding and computational thinking and academic learning of related concepts using programming language and robotic kits.

About Code@SG Movement

The Code@SG Movement is a coding movement in Singapore that aims to teach the important skills of coding and computational thinking in a fun way to all Singaporeans such that it becomes a national capability. It is a collective set of initiatives that targets primary to pre-tertiary students, tertiary students, and the masses with relevant and useful programmes. Through the various initiatives, the Code@SG Movement aims to get more students excited about technology and develop a base of tech professionals. To date, 23,500 students have benefitted from the movement since it was launched. IDA hopes to reach out to a total of 72,000 students by April 2016.

About Code For Fun Enrichment Programme

The Code For Fun Enrichment Programme is a joint collaboration between IDA and MOE is offered to all primary and secondary schools to increase students' exposure to coding and computational thinking and include academic learning of related concepts using programming language, such as Scratch, and combining it with robotic kits and microcontrollers to create a coding experience for the student.

The pilot trial for Code For Fun Enrichment Programme commenced in April 2014 and has received great response with participation from more than 2,800 students in 24 schools. IDA will roll out the programme to more schools and is expecting 32,000 students to benefit from this by 2016.

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