Technologies Workshops – Rockhampton Professional Development for Teachers

Beyond the Basics: EV3: You're confident making your robot mover around and react to sensor input, but looking to push your EV3 kit just a little further? In this workshop, teacher will build and program a range of different activities, from classroom attendance counters, to games to Musical Instruments, all with the standard LEGO EV3 kit. Programming topics will include Data Hubs, Wiring, Switches, Variables, Bluetooth and Datalogging.

Intro to Scratch Programming: Scratch is a programming language that makes it easy to create your own interactive stories, animations, games, music, and art. As young people create and share Scratch projects, they learn important mathematical and computational ideas,   creative thinking and systematic reasoning. This introductory course covers the basics skills necessary to run Scratch activities within your classroom. Scratch is a free download, available at www.scratch.mit.edu   ****No prior programming experience necessary!****

About the Presenter

Dr Damien Kee is an independent technology education expert, who specialises in bringing technology concepts to teachers and educators around the world. Focusing primarily on Robotics, and with a strong interest in other areas of Technology Education, he works to educate teachers on the benefits and relative ease with which technology can be embedded into their daily classroom activities.

Damien has run his popular workshops for Teachers and Students around the world and is the author of several Teacher Resource books. He has worked with The LEGO Group both as a MCP (MINDSTORMS Community Partner) as well as on the software documentation team of the recent EV3 product line. Damien is the founder and moderator of the LEGOEngineering mailing list, serving over 1000 educators who use robotics in their classroom. He has been heavily involved with RoboCup Junior, running the National competition in 2007, serving as Chairman of RCJ Australia in 2010/2011 and being on the committee (RCJ Rescue) for the International competition (2009-2012).

Workshop Details

When

14th March – **Beyond the Basics: EV3**
15th March – **Intro to Scratch Programming**

Workshops run from 9am – 3pm
Morning Tea and Lunch will be provided

Where

Rockhampton - TBD

Workshop Fee

$275+GST per person per day

Register online at www.domabotics.com/teacher-pd

Domabotics