

2018 EARLY & MIDDLE YEARS ROBOTICS TEACHER PD

Venue: (tick your choice)

- Melbourne:** LEGO Education Centre: Shop 5/439 Docklands Drive, Docklands
 Brisbane: LEGO Education Centre: Shop 2/78 Merivale Street, South Brisbane

Workshop 1: Build Code Learn with WeDo 2.0 Robotics

For teachers of grade 2-4

WeDo 2.0 is a robotic concept that provides endless opportunities to engage students in coding, problem solving and designing solutions. In this workshop you will build a Robot and program it using a motor and sensor. Experience how to follow, describe and represent a series of steps and decisions needed to solve simple problems. Strongly linked to the new digital technologies curriculum, WeDo 2.0 develops coding and computational thinking in Early Years students.



WeDo 2.0 Dates:

- Wed 7th Feb 4-5.30pm Wed 7th Mar 2-3.30pm Thurs 22nd Mar 4-5.30pm Thurs 19th Apr 2-3.30pm
 Thurs 10th May 2-3.30pm Wed 6th June 2-3.30pm Wed 20th June 4-5.30pm Thurs 26th July 2-3.30pm
 Wed 8th Aug 4-5.30pm Thurs 6th Sept 2-3.30pm Thurs 18th Oct 2-3.3pm Thurs 8th Nov 4-5.30pm

Workshop 2: Get Your Crew Ready with EV3 Robotics

For teachers of grade 5-12

Ignite student engagement and energize learning through the use of LEGO Mindstorms Education EV3 in your classroom. This workshop will empower you to challenge your students to apply coding and problem solving as they construct robotic solutions to solve actual Space Challenges. You will become confident to implement digital solutions as simple visual programs involving branching, iteration and user input. Have your students exercise creative problem solving and team working while deepening their understanding of digital and design technology processes.



EV3 Dates:

- Wed 7th Feb 2-3.30pm Wed 7th Mar 4-5.30pm Thurs 22nd Mar 2-3.30pm Wed 18th April 2-3.30pm
 Thurs 10th May 4-5.30pm Thurs 7th June 2-3.30pm Wed 20th June 2-3.30pm Wed 25th July 2-3.30pm
 Wed 8th Aug 2-3.30pm Thurs 6th Sep 4-5.30pm Thurs 18th Oct 4-5.30pm Thurs 8th Nov 2-3.30pm

Cost: \$100 ex GST per person or redeem your training vouchers

To book: E mooreeducational@gmail.com Fax (03) 9338 5599

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| Contact Teacher: | No. Attending: |
| School: | |
| Address: | |
| Phone: | Fax: |
| Email: | |
| Circle no. of training vouchers you are using: | 1 2 3 4 5 Other: |

Moore Educational Pty Ltd
 Head Office: 30B King St, Airport West, VIC 3042
 Freecall: 1800 684 068 Fax: 03 9338 5599
www.mooreed.com.au