This workshop will use the LEGO® Education WeDo 2.0 Robotics Construction Kit
Suitable for Kindergarten to Year 3 students

The LEGO® Education WeDo 2.0 Robotics Construction Set is an easy-to-use set that introduces young students to robotics. Students can build LEGO® models featuring working motors and sensors; program their models using software; and explore a series of cross-curricular, theme-based activities. The full version of the WeDo 2.0 software runs on the iPad which we will use for this workshop.

Participants will:
• learn the basic features of the robot and programming software
• build a basic robot and participate in guided and open-ended robotics challenges
• document solutions to challenges and upload to an online community
• view and respond to digital resources identifying the benefits of robotics in education
• identify links from activities covered in the workshop to outcomes in the NSW Syllabuses for the Australian Curriculum and discuss ways robotics resources can be managed and integrated into the classroom.

REGISTER NOW!
Register online at:
www.macict.edu.au/enrol

Normally, registrations are through MyPL, however this system is currently being upgraded. While the update occurs, the system will not be available to use for enrolments. Instead, please click the above link to enrol in MacICT’s Term 4 2016 courses via an online form.

NSW DoE teachers: Your enrolment will be transferred to the new MyPL system as soon as possible. Government schools will be charged internally by the NSW Department of Education. This will be reflected on your sundry tax invoice statement.

Non-DoE teachers: Private schools and other institutions will be invoiced by the NSW Department of Education.

Please note: Any cancellations made within 2 days of the course, or no-shows, will be charged to your school.

Macquarie ICT Innovations Centre

BOSTES Registered Teacher Professional Learning Workshop

Robotics provides a highly engaging medium for creativity, critical thinking, collaboration and communication - four essential skills for learning and ICT within a curriculum context. This workshop promotes independent learning through an inquiry-based approach where participants are encouraged to collaborate and be creative in solving open-ended challenges.

Participants will:

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• build a basic robot and participate in guided and open-ended robotics challenges
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Course Developer & Facilitator
John Burfoot
John is MacICT’s lead robotics facilitator. He is a part-time primary teacher specialising in science and robotics. He holds a Bachelor of Education (Primary) degree, a Certificate IV in Training & Assessment, and is a qualified electronics technician. John has facilitated hundreds of robotics workshops to teachers and students across Sydney, including State, Catholic and Independent schools.

WHEN 15 November 2016 (Closing date: 13 November)
TIME 9am-3:15pm
LOCATION North Ryde, NSW
COST $245 (incl GST)
CONTACT macictsupport@det.nsw.edu.au
Phone: 02 9850 4310

Completing this course will contribute 5 hours of QTC Registered PD addressing 2.1.2, 2.6.2, 3.4.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

Please note: Any cancellations made within 2 days of the course, or no-shows, will be charged to your school.