

INTRODUCTION TO THE F.I.R.S.T. LEGO LEAGUE ROBOTICS PROGRAM

Unpacking this global phenomenon and making it work with your students

Teacher Professional Learning Workshop Day (5.5 non-registered hours)

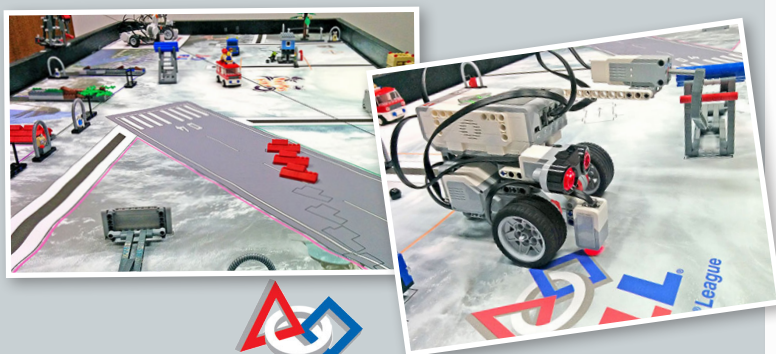
F.I.R.S.T. LEGO League (FLL®), a legacy from Segway inventor Dean Kamen, is an annual challenge event for school students from around the world. Their mission is to inspire young people to be science and technology leaders.

Do you have LEGO robotics equipment at your school? Take advantage of this fantastic program and take your students to the next level!

MacICT is running training on two of their programs to help teachers build student teams. The Junior FLL challenge is for ages 6-9 and the FLL competition is for ages 9-16.

In this workshop, participants will:

- become familiar with the history and scope of the *F.I.R.S.T.* initiatives
- unpack the parts of the FLL challenge
- learn how to set up FLL from scratch and where to find ongoing support
- identify learning links to the NSW Syllabuses for the Australian Curriculum.



Junior F.I.R.S.T. LEGO League Challenge for students aged 6-9

Focused on building an interest in science and engineering in children ages 6-9, Junior FIRST® LEGO® League (Jr.FLL®) is a hands-on program designed to capture young children's curiosity and direct it toward discovering how science and technology impact the world around them. This program features a real-world challenge, to be explored through research, critical thinking and imagination. Guided by adult coaches and the Core Values, team members work with LEGO® elements and motorized parts to build ideas and concepts and present them for review.

See [The FLL Website](#) for more details.

F.I.R.S.T. LEGO League Competition for ages 9-16 - 30 August 2016

FIRST LEGO League (FLL®) is a competition catering for upper-primary and lower-secondary school students. Every year, teams of up to 10 students build, program and compete with a robot, while also learning about a modern problem in science and engineering and developing solutions for it. The entire competition for the year is based around a theme. Past themes include natural disasters, senior citizens, food health & safety, climate change, medical science, and nanotechnology. Tournaments are run with the feel of a sporting event, and teams compete like crazy while having the time of their lives. What FLL teams accomplish is nothing short of amazing. It's fun. It's exciting. And the skills they learn will last a lifetime.

See [The FLL Website](#) for more details.

REGISTER NOW!

Register online through MyPL@EDU
<https://www.det.nsw.edu.au/docprs/welcome.do>
Junior FLL - MyPL Course Code: NR09322
FLL - MyPL Course Code: NR07797

NSW DoE teachers: Log into MyPL@Edu with your DoE credentials & search for the course using the above code or course title. 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: You will need to sign up for a username and password to access MyPL. Just click "Don't have a username" on the MyPL website and follow the instructions. Private schools and other institutions will be invoiced by the NSW Department of Education.

Please note: Any cancellations made within 5 days of the course, or no-shows, will be charged to your school.

WHO All teachers.

WHEN Please see website for upcoming dates:
www.macict.edu.au

TIME 9am-3:30pm

LOCATION North Ryde, NSW

COST \$55 (incl GST)

CONTACT macictsupport@det.nsw.edu.au
Phone: 02 9850 4310