

FIRST Lego League



Macquarie Anglican Church

Macquarie Anglican Church is a Christian community committed to an evangelical and Anglican expression of the Christian faith. We believe in the truth of the Bible, the saving power of Jesus Christ, building one another up in a relationship with Him, and to telling the world about Jesus. Some of us are still investigating a relationship with God; some of us are new Christians, and others have known Him for a long time.

Macquarie Anglican Church is happy to serve and connect with our community by creating these LEGO League teams as part of 'Jesus, all about Life'. We hope the 'lego based' community we form during this competition will provide opportunities for you and your kids to find out more about Jesus.

FIRST LEGO League

FIRST LEGO League is an 8-10 week competition (September to November) where teams of up to 10 kids (aged 9-14) work together to:

- Design and engineer an autonomous LEGO robot
- Program a robot to accomplish missions set by FLL
- Experience teamwork dynamics
- Research and present a solution to a 21st Century issue

The Teams will need to 'think outside the box' to solve all the challenges presented. Its a great introduction to real world technology problems, in a fun, safe and supportive environment.

Meeting Times & Dates

Teams will meet weekly for 2 hours every Wednesday night (6pm - 8pm) at 114 Lovell Rd Eastwood. During an average 2 hour session, teams will research and design their robot, participate in an additional research project, hear a bit about Jesus (all told with LEGO of course!), eat some supper and have a great time! The schedule will be as follows:

16 th Sep, 7:30pm – 9pm	Information Night
23 rd Sep, 6pm – 8pm	Meeting 1 – Kit building & Robot training
30 th Sep, 6pm- 8pm	Meeting 2 - Robot training & Strategising
7 th Oct, 6pm- 8pm	Meeting 3 (School Holidays)
14 th Oct, 6pm- 8pm	Meeting 4 (School Holidays)
21 st Oct, 6pm- 8pm	Meeting 5
28 th Oct, 6pm- 8pm	Meeting 6
4 th Nov, 6pm- 8pm	Meeting 7
11 th Nov, 6pm- 8pm	Meeting 8
14 th Nov, 6pm - 8pm	Meeting 9 (Night before competition)
15 th Nov, All Day	Meeting 10

Coaches

All our coaches are members of Macquarie Anglican Church. The team of volunteers is led and coordinated by Tim Adams, the Children's Minister at Macquarie Anglican Church. All members of the team comply with state child protection protocols. Our coaches are:

- Tim Adams (Children's Minister, Ex. Electrical Engineer / Scientist)
- Leah Adams (Primary Teacher)
- Stephen Claxton (Software Engineer)
- Anthony Moyes (Primary Teacher)
- Gary Gopinathan (Business, Marketing & Technology consultant)
- Luan Heimlich (FLL Expert!)
- Sarah Heimlich (FLL Expert!)

Please feel free to introduce yourself to them, and discuss any aspect of the LEGO program.

Cost

Unfortunately, a LEGO League team is not cheap to run. Each team needs to pay for a LEGO Mindstorm NXT Robot, Team Registration Fee, challenge set, batteries, and additional Lego. These costs can be covered by each child paying \$80 for the whole season, which works out to \$8 per meeting.

These fees paid either as one payment (\$80) in cash or online via our secure PayPal facility. Alternately, you are welcome to pay \$8 upon arrival at each meeting.

Registration

Participating children are required to complete and submit a Registration Form by the 19th September. The information on the form enables us to keep in contact throughout the competition, and receive permission to take action in emergency situations.

There is also a space on the registration form to indicate any friends your child has who are also registered, so we can attempt to place them in the same team.

Contact

Web:

www.macquarieanglican.org/lego

Church Office:

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FIRST LEGO League Coordinator:

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