



FIRST LEGO League Tasmanian State Finals Tournament

Brought to you by



**Entrants and Mentors
Information kit**

5th November, 2009

**Held at and supported by
MacKillop Catholic College**

General Information

The event

The aim of FIRST LEGO League is to create an entertaining and educational experience for all involved. To achieve this we all must create a spirit of collaboration, rather than competition. It is hoped that all entrants respect this aim.

Additionally, the following expectations are intended to help make the event as enjoyable as possible for every one involved. Please adhere to these and remind others if they are unaware of them.

- Cameras with **flash and auto focus may not be used** in the venue. Please ensure that all cameras have their flashes turned off and are set to manual focus.
- As the event will be held on a normal school day at MacKillop Catholic College and every effort has been made to avoid disruptions to the school, mentors should ensure competitors remain in the event area other than at the registered break times.
- Participants are not to touch robots or equipment from another team.
- Do not leave valuable equipment unsupervised.

Start and Finish times

The venue (Rooms B14, B15, B16 and B17) will be available for competitors at 9.15am for a start time of 9.45am. The event will finish at 2.30pm (after presentations). Teams are encouraged to have left by 2.45pm.

Volunteers

We will need mentors, parents and other spectators to help on the day with a variety of jobs on the day including registration, judging, refereeing, marshalling, scoring and general crowd control. A meeting will be held at 9.30am on the day of the event for those putting their hand up to help.

On arrival

On arrival at the venue, all mentors, volunteers and parents should immediately proceed to the front office (in Goondi St) to sign in at MacKillop College for the day. **Mentors are required to submit a list of names of students who will be competing/attending the competition.**

You are required to bring:

- Laptop computer (and IR tower or USB cable, etc.) for downloading programs.
- Tubs to hold equipment.
- Copy of the Rules relevant to your entry (see over).
- Power boards. A single power outlet for each team will be provided in the set up area.
- Spare batteries (or battery pack).
- Battery charger (if required).
- Spare part for robots (e.g. spare LEGO).
- Tools for repairs.
- Warm clothes – you just never know!
- Lunch and a drink! (or money to buy them)

For your tummy

The school canteen will be open at recess especially for FLL competitors (from 10.45am – 11.15am).

There will be a free barbeque lunch (inc. vege option) for all competitors, mentors and volunteers between 12.20 and 12.50. This is financially supported by MacKillop Catholic College and the National FLL organisers.

Media Release

Students, Mentors and volunteers are required to fill out the Media Release form and bring with them on the day. Mentors are responsible for the co-ordination of this and will have copies of the media release forms.

The media release form can also be accessed on the home page of Prime FLL www.primefll.com.au

Getting there

See the Map on the next page

Parking

As it is a school day, there will be limited parking in the school car parks. There should be ample street parking in Goondi St, at the front of the school and also in the adjacent streets.

Rules

Copies of the rules will be present on the day, but mentors and students are obviously asked to be familiar with rules prior to the event.

Light conditions

The organisers will endeavour to keep light levels even throughout the event. Teams will have access throughout the day to the competition mats to calibrate light sensors. Practice on the competition mats is prohibited.

It should be noted that light levels will vary between the practice mats and competition mats and this will need to be taken into account throughout the day.

Prizes

Certificates and trophies

Participation certificates for all students will be awarded at the end of the day's competition.

Trophies will be awarded for the best interview, best presentation and best robotics challenge score. A trophy will also be awarded to the overall winning team.

Travel assistance to the National FIRST LEGO League tournament.

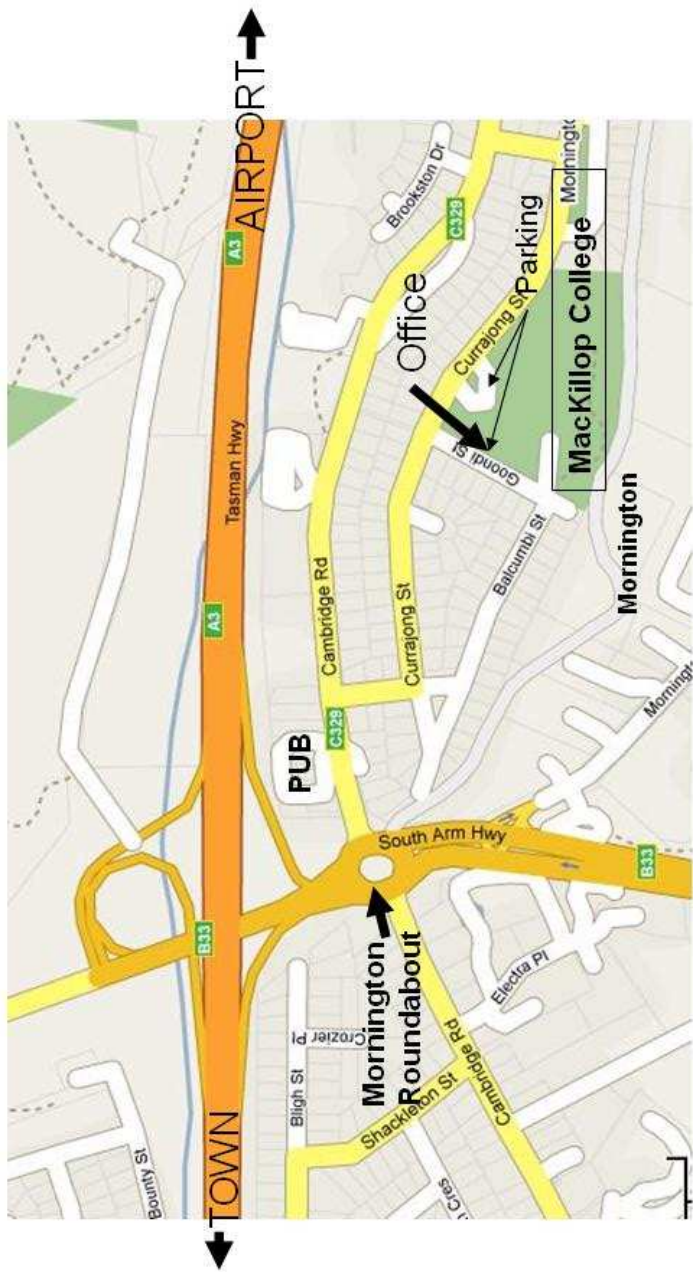
Robotics Tasmania will be offering a \$1500 travel assistance prize to the winning team and their mentor to travel to Brisbane for the National FLL Tournament on the 28th November.

If the winning team declines the offer, it will be offered to the team that came second. Any further offering of the travel prize will be at the discretion of the Robotics Tasmania Committee.

Robotics Tasmania is a small interest group of the ACS. It is a non profit group that is responsible for running Robotics competitions and activities within the state of Tasmania

Prime FLL is the National organising body for FIRST LEGO League in Australia

www.primefll.com.au



The day's events

Robotics Challenge

The Robotics challenge will be held over 3 rounds throughout the day. The best score of all three rounds on the day will be a team's "Robotics Challenge" score for the day. (This is designed to encourage improvement on the day and ensure an exciting finish).

There will be two competition fields back to back in room B14. Two teams will start on the two fields at the same time. The final round of the day will be seeded.

Practice fields will be set up in B17 and B15 for use throughout the day.

There is a 30 min window in which all teams must complete each of the first two rounds (see the timeline).

All teams must be present for the final round.

Interviews

The Team Interviews will be conducted in Room B16 between 9.30am and 11.30am. Each team will be required to attend the interview room with robots, laptops and presentation resources during this time. Any school that has entered two teams must have their interviews one after the other. The interview will last approximately 10 min each.

Teams may be asked to attend an interview by the organisers if places are free at any time.

Project Presentations

Project Presentations will begin after the first round of the Robotics challenge in Room B14. 10min will be allocated for each presentation (5 min for the presentation (including setup) with 2 min for questions from judges and 3 min for judges to finalise results). They will be ordered randomly and will occur between robotics rounds. (Should we be running short of time, they may be rescheduled to continue in B16 whilst the remainder of the robotics rounds are on.)

Teams are asked to be ready 5 minutes prior to their Presentation.

Any project presentations involving Computer/data projector should be on USB stick or CD Rom. Teams are advised to check that their presentations work OK on the B14 computer during the first robotics round. (The computer used for presentations will be disconnected from the network to avoid the transfer (both ways) of any viruses)

NOTE: Project presentations will be randomly scheduled.

FLL Schedule 2009

PLEASE NOTE: This should be considered as a guide only. Circumstances on the day may require some changes to scheduling of some events.

	Robotics Challenge	Interviews	Project Presentation	Canteen
8:30am	Venue open for organisers			
9:15am	Team arrival and registration (Robotics field open for calibration – Computer available for loading and checking presentations – where necessary)			
9:30am	Volunteers and Mentors meeting			
9:45am	Welcome			
10:00am	1st Round 10.00 - 10.30 Robotics Challenge	Interviews commence and continue		
10:30am				
10:45am -11.15am			Project Presentations 10.30 - 11.50	Canteen Open for FLL
11:50am	2nd Round 11.50 - 12.20 Robotics Challenge		Lunch for Project judges	
12.20am -12.50pm	Lunch for officials and mentors		Project Presentations 12.20 - 1.30	BBQ lunch for all involved in the day
		Catch up zone for Interviews or Presentations		
1.30pm	3rd Round 1.30 - 2.00 Robotics Challenge			
2.10pm	Presentations			
2.30pm	Event finished			