

## RoboRoos Newsletter November 2014



### Management Report

The FRC team will be doing a final outreach event for the year on Sunday Nov 16<sup>th</sup>, 9-4 at Prince Alfred College, Anzac Hall, 23 Dequetteville Terrace, Kent Town. The FRC robots will be on display and thank you to the team members who have already offered to help on the day. Check the roster if you can help out.

The RoboRoos First Lego League(FLL) team will be competing on the day, along with almost 30 other FLL teams.



The FLL team have been working very hard over the past two months to research and develop an innovative solution with this year's theme of world class learning. Their solution is an Educational Learning Assistant (ELA).

They have also been learning about the core values that FIRST promotes of gracious professionalism, team work and "co-opertition".

Of course, there is also the lego EV3 robot, which the team has designed and is fully autonomous and races around the challenge table doing amazing tasks. If you want to see them in action, come along. The tournament opens officially at 9am and the challenges begin at 930am and final ceremony is at 4pm. Entry is free and open to the public.

### Exams:

Many of our students are currently doing exams or about to start. Work hard and good luck to you all!



## Unley Library Technology Festival

From the 31st of October to the 2nd of November Unley Library held their Technology Festival.

The Robo Roos FRC and FLL teams both got the opportunity to display their hard efforts on Saturday morning. We began set up on the Friday afternoon where we discovered and explored some of the other displays, including pinball machines and a photo booth. On the Saturday there was a lot of interest and attention at the FLL table and around the FRC robot.

Over the hour and a half we were there about 100 people passed through and stopped to look at the robots and we even got a new member!



Our robots were not the only fun things to look at and interact with and the students found themselves investigating other displays and having a lot of fun while doing so. I think one of the main highlights for Marvin the FRC robot, was making a new friend in Tubby the Robot.

Ali McDonald

**UNLEY  
LIBRARIES  
FESTIVAL**  
SEEK it • SYNC it • SHARE it  
31 OCT - 2 NOV  
2014



- Phil Cummings • RoboRoos • Dads Read Storytime
- Wastelander Panda • Sciworld • Tech toys & drones
- Family movie • 3D printing
- Tech Hub • Claymation
- Project Horus • Canbots
- Jason Chong
- Astrophotography
- The Great Debate
- Make your own solar car
- Photo booth • Face painters
- Jukebox • Nick Prescott
- Techno Babytime • DJ Ruby Chew & Antoine • Ruth Starke •

For further information and bookings, ph 8372 5100 or 8372 5166, or visit us online at [unley.sa.gov.au](http://unley.sa.gov.au)

THE CITY OF  
*Unley*

### **Crate Repair Workshop:**

Our crate was in desperate need of repair after travelling to the US and Sydney this year.

Geoff worked with Emily and Ali to repair and reinforce the crate ready for shipping to Sydney next March. We didn't paint it as we needed to keep the integrity of the wood treatment for any further international shipping. The students practised their woodworking skills which will help when it comes to making the field structures for this season's game.

### **Timber and Aluminium**

We always need more of this so if you want to clean out your shed or see some lying about then start collecting now.

We are looking for structural timber e.g. pine framing timber and plywood sheets for building the field structures as well as aluminium sheeting and tubing for the robot and prototyping. All offcuts welcome.

Contact Geoff Mansfield [gefimans@gmail.com](mailto:gefimans@gmail.com) PH:0432 905 453

### **Team Sub group selection**

For the half a dozen team members who have not yet chosen a subgroup for next year's build, could you please do so. You were sent an email with a link to do this. Are you checking and replying to your emails???

### **NEXT EVENTS**

First Lego League competition Nov 16<sup>th</sup> at PAC.

Safety course Dec 6th

Check out our website at [www.roboroos.org](http://www.roboroos.org)



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