



NZ VEX Robotics 'Clean Sweep' Boot Camp & Scrimmage to launch the 2009/2010 VEX season.

8th & 9th August in the Rangitoto College Auditorium - hosted by Robotics at Rangitoto (RAR)

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Rangitoto College will be hosting a weekend long Boot Camp and Scrimmage to launch the 2009/2010 VEX season. Our aim is to introduce new teams to VEX and let existing teams get used to the new game. Last year's teams will be on hand to give and share their experiences and give advice. Please invite your local intermediate to attend as your guests.

Schedule of Events

Day 1: Saturday 8th August

9.00am to 4.00pm – Build, Practice and Tutorial day

9.00am	Teams arrive, register and set up tables. A gold coin donation will be appreciated which will go towards charity. Johan Potgieter/Maurice Tipene will start the Boot Camp with a presentation on the World Champs at Dallas.
9.30 – 12.00	Individual team build sessions.
12.00 – 12.30	Break for lunch (please bring your own or support RARs fundraising efforts). A sausage sizzle, muffins and coffee van will be available throughout the day.
12.30 – 4.00	Individual team build sessions.
4.00pm	Finish for the day – please leave promptly to allow time for overnight housekeeping.
	The doors will be locked at 5.00 pm. The venue has security monitoring and will be alarmed overnight. Teams may wish to arrange individual dinner and social events for the evening – there are no official events planned.

During the day there will be a variety of video displays and “hands-on” tutorials - led by last seasons team members/mentors covering CAD (Solidworks), Programming (Easy C and ROBOTC), VEXnet and Pneumatics (SMC display).

There will be a ‘have a go’ build table and field featuring the ‘ring game’ from last year for intermediate students and beginners – led by **MASSEY Engineering (ME) – World College Champions 2008/2009 season.**

Workshops in room C12

Do we set up CAD workshops in C12 as well? Perhaps this could depend upon some sort of pre-registration demand?

- 12.30 – 1.00 *Autonomous programming tutorial (on line followers) using ROBOTC – led by **Free Range Robotics – World Programming Champions 2008/2009 season.***
- 1.00 – 2.00 *Teachers curriculum integration workshop and discussion session – to share ideas on how to integrate VEX robotics into the classroom – bring along any unit standards that you have found successful – led by **David Aston.***

Day 2: Sunday 9th August

9.00 am to 3.00 pm – Scrimmage Event day

9.00am	Teams arrive and set up tables.
9.30 – 12.00	Clean Sweep scrimmage qualification rounds. There will be no autonomous period and timing will be manual.
12.00 – 12.30	Break for lunch (please bring your own or support RARs fundraising efforts). A sausage sizzle, muffins and coffee van will be available throughout the day.
12.30 – 3.00	Clean Sweep scrimmage qualification and elimination rounds. There will be no autonomous period and timing will be manual.
3.00pm	Finish for the day. Please leave promptly or stay and assist with the cleanup – the doors will be locked at 5.00 pm.

CRYSTALS & Wireless Networks

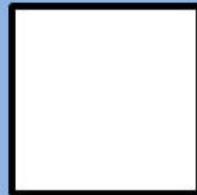
- Crystals will not be allowed in the hall. Please bring and use tethers for testing your code.
- Wireless networks on computers must be disabled to reduce interference

VIDEO

We will be streaming and recording the event.

Main screen - videos

**Have a go
field**



STAGE

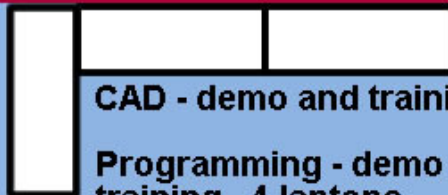
**Have a go
build table**



Team practice fields

Team tables

Team tables



CAD - demo and training - 8 PC's

**Programming - demo and
training - 4 laptops**



Hall entry

FOYER

Main entry



**Registration
table
& whiteboard**

Toilets ==>

**Pnuematics
demo and training**

FOOD STANDS: sausage sizzle, muffins, coffee van

OUTSIDE at front away from smoke alarms