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### Meeting Apology

Please use the club website **before 3 pm** on meeting day to apologise or add a guest, or you will be required to reimburse the club for your meal cost.

<http://www.kuringgairotary.org.au>

### Last Week

Phill Isaacs

### This week

BHCC is presenting \$82,000 to Lifeline H2H and Bo Hospital.

Each year we rotate the presentation evening between Ku ring gai, St Ives and Turramurra Clubs.

Tonight, we will have 80 guests to participate in the presentation.

BHCC has brought about a big change in our club, from our individual fundraising to a three club combined effort to raise a larger amount to distribute to charity.

### NEW Clarke Road School

On Friday, nine of us spent all day at the NEW Clarke Road School helping with many jobs before their students attend for the first day on Monday. We moved boxes, unpacked boxes, flattened boxes, removed rubbish to the skips, sorted and cleaned books and toys, cooked sausages, did an emu hunt for nails and pieces of metal in the grass and on the paths etc, helped set up classrooms, attached Velcro to pictures and signs and put them up, and more! The school is fantastic and the staff are excited about it. Many of the staff thanked us during the day and Principal Diane Robertson and P&C President Kati Herrington, both of whom also worked very hard all day, really appreciated our help. Several times they said. "We don't know what we would have done without you." My heartfelt thanks to Anne Maslen, Laurel Jackson, John and Sue Aitken, Bob and Gwen Ivey, Michael Midlam and Greg for giving up a day for one of our special projects. I am hoping everyone will be able to visit and see the amazing new buildings and play areas, and the re-constructed BBQ in the peaceful Turpentine forest area, before too long. Joy Newling

### PHD Graduation Jannet Pendleton

On Friday Jannet and I flew to RMIT University for the Graduation Ceremony 2013. Jannet was presented with a Doctoral Award in Philosophy. RMIT was founded in 1887 with a donation of 5,000 pounds from Francis Osmond



### From Ivan Cribb

Hello Fellows,  
I hope to see you before we leave. But, in case I don't, I want to let you know that Joyce and I are leaving for Europe on 21 May and not returning until 19 June which is the Wednesday before Change Over. It is our firm intention to be present at Change Over as, Tony, I could not bear to miss your installation as President. I thought it would never happen. So please save two places for us and somebody email me details of venue, cost etc.

Regards Ivan

### From Loïc Lacombe

Tomorrow it will be the beginning of the tenth week of my Uni term and my last exam is the 24 June therefore it seems difficult to me to return to the meetings. After I will have a month holiday before returning to Uni and next term I am free on Monday night with no lecture. So I am be happy to come back on the 1st July.  
Cheers Loïc

## NEW Clarke Rd "Moving In" work party

Clarke Rd "Moving In" work party Friday 17 May  
Team Members: Sue & John Aitken, Joy & Greg Newling, Bob & Gwen Ivey, Laurel Jackson, Anne Maslen, Michael Midlam.

A Day from 9.30 am - 3.30 pm of rubbish removal (never seen so many removalist cartons!), emu-bobbing for nails, screws and rivets, setting up the library and helping teachers set up classrooms for lessons on Monday.

And..... check out the new location for the barbeque we built a few years ago (roof and covered area to come). We all slept well that night!

We were all most impressed with the wonderful facilities at the new school, the obvious level of detail that had been considered in planning it - and the efficient planning and organisation shown by our 'helpers coordinator' Kati on the day.

### Kenny and Greg unpacking



### Joy playing with the toys

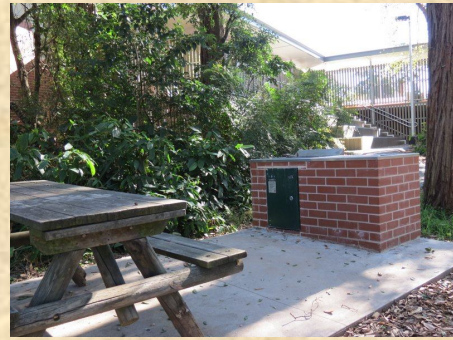


### Laurel playing with books



## NEW Clarke Rd "Moving In" work party

### The BBQ our club built for Clarke Road



### Assembly area



### Laurel and Gwen



Sue & John Aitken, Joy & Greg Newling,  
Bob & Gwen Ivey, Laurel Jackson,  
Anne Maslen, Michael Midlam



## Phill Isaacs

Phill Isaacs is a human dynamo who has brought together a great number of technological skills, companies and people to produce 12v computers for students without electricity.

### LOW POWER CONSUMING COMPUTERS

#### A SHORT TERM SOLUTION FOR SCHOOLS WITHOUT POWER

History  
IT Students Program

Macquarie Community College

New Guinea experiences

- 50 Computers – almost all the same
- TAFE Castle Hill involvement
- 8 to Vanimo
- 10 to Mt Hagen
- 10 to Vanuatu
- 10 to North West Disability Service
- Microsoft involvement
- BUT all 240 volt

#### Need for Lower Power

- Laptop
- Notebooks
- One Computer per child
- Raspberry
- Other Systems
- Visit to FOMU

#### 12 Challenges facing Computer Education in Kenyan Schools

- 1.Lack of qualified teachers to teach ICT in schools
- 2.Lack of computers
- 3.Lack of electricity
- 4.Computers are still expensive in Kenya
- 5.Broken down computers
- 6.Burglary
- 7.Fear by the administration
- 8.Fear by the teacher
- 9.Lack of internet or slow connectivity
- 10.Lack of initiative by the community leaders
- 11.Obsolete computers
- 12.Increased moral degradation

#### Design Specs

- Simple
- Low power requirement
- High temperature and humidity
- Need for software
- Need for Manufacture
- Minimal support
- No fans
- Not easy to resell
- Low cost (\$500.00)

## Phill Isaacs

### Current Product

- Sustainability – TAFE Nirimba
- RAWCS project (31/2011 – 12)
- Students project at Castle Hill
- “Real World”
- Design
- Manufacture

### Current Situation

- 10 units in FOMU
- Installed September 6 – 16 2012
- TAFE Students installed
- Teacher accompanied
- Manuals
- Software – all freeware
- Running for six months trial
- Need for money and/or consumables

### Next Steps

- Successful Trial
- Redo software for easier rebuild
- Look for even less expensive hardware
- Improve manuals
- Funding - Digicell - Mining Companies
- Other Countries – Vanuatu getting 10 June
- Philippines
- Remote Australia
- Baulkham Hills High

### Students in training at PNG



### Human Dynamo Phill Isaacs



## Meeting Schedule

<u>2012/13</u>	Calendar	
May	20	BHCC Presentation Ku ring gai, St Ives and Turramurra
	27	Club Night. 2013.14 Board Presentation
June	1	Trivia Night 1 June
	3	BM Sally & Marten Wynd EAGLES RAPS
	10	Queens Birthday public holiday
	17	Rotary Awareness Night
	24	Changeover Night