

Noises from:



Electric Vehicles. September Talk.

September's Speaker was Dr Chris Jones, the National Secretary of the Australian Electric Vehicles Association (AEVA) and chair of the local branch. For more details of the association see the website <https://www.aeva.asn.au>. Chris is a Battery Engineer at a local hi-tech company although he confesses to not being an Engineer. He converted his push bike to electric whilst in Canada when he was a student. A couple of years ago he combined his love of fast motor bikes and electric vehicles and built Australia's fastest electric racing motor bike. Recently he converted a Honda Prelude which is hoped to be on Display at the Craft Market.



Chris presented a paper on taking the "Magic" out of batteries and replaced it with basic chemistry. Batteries are made of single cells which harness the electrons flowing between the two poles. The amount of power they create depends on what the anode and electrode are made up of and the substance between the two. The talk revolved around the types and effects of a number of combinations of these components making up the cells.

The cells are joined together to make batteries and batteries are linked together to make packs which power cars and other devices. The aim is to get the right combination which not only stores the electrons but also discharges them at an acceptable rate. Capacitors can store vast amounts of energy but they discharged in a nano-seconds. Other types of cells can hold the charge for longer and discharge at a more moderate rate. At this point in time Li-ion seem to be the best compromise for many of the everyday items we use including electric vehicles.

Batteries, like us, prefer a nice constant temperature of around 25 degrees so rapid charging which generates extra heat should be avoided if possible.

Chris followed his talk with a Q & A session, answering many questions of a technical nature. If you were unable to attend the Meeting, the AEVA will be having a stand at the Craft Market where you will be able to ask Owners of EV all sorts of questions.

Dave Russell

PS if you are interested in attending a AEVA Meeting please contact me.

Vehicle Repair Area

Your Management Committee needs to create a set of guidelines for the operation of the vehicle repair area which has proved to be a valuable additional activity in our shed. If you have any comments or suggestions you think might assist in this regard please send your comments to Richard Allen at rja@iinet.net.au.

To assist some headings around which these guidelines will be formulated are included below.

INDUCTIONS, THE HOIST, EQUITABLE USE OF THE AREA, BOOKINGS STORAGE, WORKING AREAS, SUPPLIES, STORAGE, CLEANING AND WASTE, SAFETY

Richard Alle

New Chairman @ The Shed.

Firstly, thank you all for your confidence in me, I hope that I can come up to the level you expect.

Secondly, I have to give my thanks and the thanks of the membership for George's efforts over his time as president. We have all had to put up with his abuse and crankiness, but behind all of this was his desire for this organisation to be an active and successful one for all.

As chairman I have a number of aspects of the organisation on which I want to focus:

- I want all members to have equality of opportunity and use of facilities.
- I expect all members to contribute, in some way, to the running of our Shed.
- We have in this Shed an amazing range of skills, knowledge, dedication and personalities. We need to work, share and understand these traits.
- Finally, we have had 7 years of growth and development, it is time for consolidation and improvement in what we have.

I ask that you take this path with me.

Tony Brown

And for your interest!! - The new fireworks! <https://www.youtube.com/watch?v=VvemT96Rozc>

The Mystery of Me – Presented by Michael Challen



We are multi-dimensional. We are “physical” being flesh and bones, with genes through to , molecules and atoms that we are made of. We are “intellectual” with a mind that develops to reflect our life purpose. We are “emotional” and able to react to physical and social experiences. Our 4th dimension is our “spirituality” being our sense of being . Michael suggests that in reality, spirituality is not a 4th dimension in our makeup but it binds the physical, emotional and intellectual dimensions into one being , the whole “Me”. Understanding this is the beginning of the “mystery of me” and to a rich and wholesome life.

The mystery of me begins with our birth and ends with our death. The wholesomeness of what happens in between these milestones depends on how soon, if ever, we come to recognise our spirituality. Guided by this we realise that “good is good” and there is no compromise to this. Humanity makes the mistake of regarding us as objects. Often we are looked at through the “wrong end of the telescope” . From the right end of the telescope we have the chance to see how we relate to our world, the creatures, the landscape and to others. Relationships are the treasure of our being.

A sense of being namely “I am” is joyful not only to you but to others when it comes from our spirituality. Peter Dring brought Michael's rich life of service to our attention. But, his talk delivered the richness of his wisdom and lifetime experience to our membership . Peter revealed these words from Michael which clearly resonated with Peter and that should explain what we can be – Quote bishop Michael Challen. – “Our suburbs, by and large are social deserts. Yet they are filled with people with emotions, energies, experience information and skills – especially skills of life. I am convinced if people could find their place in some positive, supportive and intentional group, committed to the liberation and development of one another, and one another's families, then many social needs would be resolved or even avoided.

Vic Power. Health Representative.

A TRAP FOR YOUNG AND OLD PLAYERS

Recently my wife and I received an email advertising a competition where you could win a \$500 Bunnings voucher. It looked easy so we rang the number given in the email and proceeded with answering the automatic questions which were being asked.

Subsequently we received our phone bill which had one called costing \$97. The fact of the matter is that we had called a 1900 number for which the private company, who owns that number can charge what they like on a time basis. We contacted Telstra, our provider, who said it was a scam for which they could do nothing. Telstra did cut the cost of that call by 50%, but we are left with a very hefty charge for one call.

Be aware that 1900 numbers have a cost associated with them!

Tony Brown

The Fundamentals of Sharpening

Sharpening is one of those topics that there are more ways of sharpening as there are jelly beans in a jar.

There are a number of fundamentals that are associated with sharpening that should guide you when trying to get a 'sharp' edge on any tool, be it a cut throat razor, a plane blade or an hatchet. The main fundamentals are:

1. A sharp (or more correctly a keen) edge consists of two smooth surfaces meeting at an edge. The angle between the two surfaces can be more than 90° , 90° or less than 90° . Can you remember cutting your finger on the 90° edge of broken glass?
2. The cutting angle makes no difference to the keenness of the edge. The difference is that the less the cutting angle is the easier it will cut through the material on which you are working.
3. Working on the basis of the above it would be far better to have a very small angle to make cutting easier, but not so. The less the angle becomes the weaker the edge becomes and so if you ground an axe to 15° then the cutting edge would be destroyed with the first chop into a piece of hard wood.
4. To get the keenest of edges the two surfaces need to be as smooth as possible. The smoother the surfaces the keener the edge will be. THE FUNDAMENTALS OF SHARPENING

To maintain a keen edge on a tool you must consider the following:

1. The edge needs to be sharpened regularly.
2. Corrosion (rust) is a destroyer of keen edges. A keen edge being very fine and rough makes it very liable to corrosion. This is very much more pronounced if the edge is exposed to water and oxygen in the air. This is why modern razor blades are made out of stainless steel. With water, soap and exposure to air over a long period the edge corrodes rapidly.
3. The steel from which the tool is made is another critical factor. Hardness is obviously important, however if the steel is too hard then when the edge is put under stress it will just crumble away. Imagine a wood chisel made out of glass! The steel needs to be hard and tough.

There is a lot more to sharpening, but if you follow these fundamentals you won't go far wrong.

Tony Brown

Leaders of the Shed for 2019-2020

Chairman Tony Brown

Vice Chair George Klug

Treasurer Bruce Wright

Secretary Tony Lalor

Committee Bob Peterson, Bob Grocke, Mike Ansell, Richard Allen, Richie Kiernan

Well done to all these fine men for taking on these roles.

Shed Maintenance Course

Probably the single thing that most amazed the men who shared their skills with us in the first maintenance course for non-Shedders was how much we talked. Most of the first intake (as I understand others have been) were women. And yes, generally, we do talk a lot. Women seem to find it easier than men to connect, to find something in common, to plunge into a meaningful conversation within minutes of meeting another woman. And that, in a nutshell, is why men need a Men's Shed.

Men (and yes, I'm generalising here) don't talk much to people they don't know. They might say G'day, toss a bit of banter back and forth. But that's about it. We have the ability to download almost instantaneously, whether we're shopping, dealing with children, working or just sitting in a café. Men need the time and space to get to know each other, to feel comfortable with each other, before they feel safe about revealing themselves. This time and space is what a Men's Shed is all about. Most of us were strangers to each other at the start of the four-week course. But, by the time we returned for the second class, some of us were exchanging hugs, greeting each other warmly and resuming our conversations from last week. Oh yes...we learned a lot too!

From my observation, the most popular and useful subjects were reticulation maintenance (thanks Mike) and furniture restoration (thanks Bob). It was great to get the opportunity to handle tools, both manual and powered. Just getting familiar with the feel and sound of an electric drill is a really good start. I had used drills before, both hand and electric, but was never

sure about changing bits. Now I know what I'm doing. Changing washers in taps was also a mystery to me before the course. So thanks to George Klug.

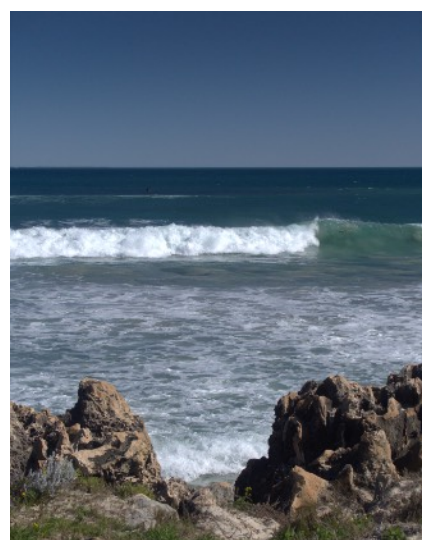
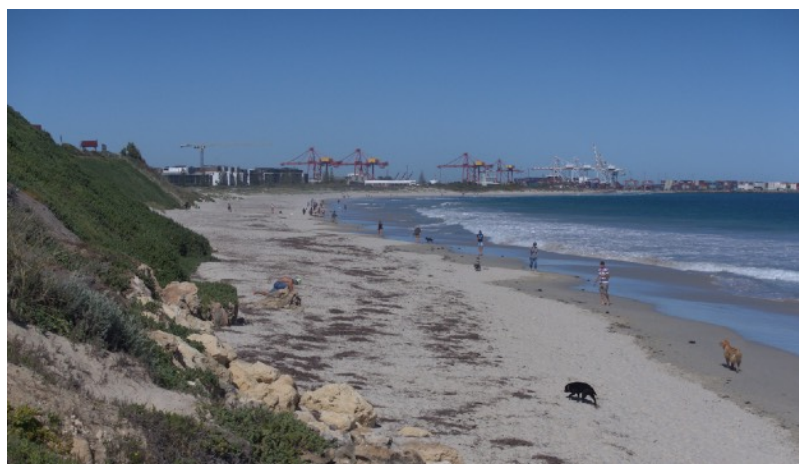
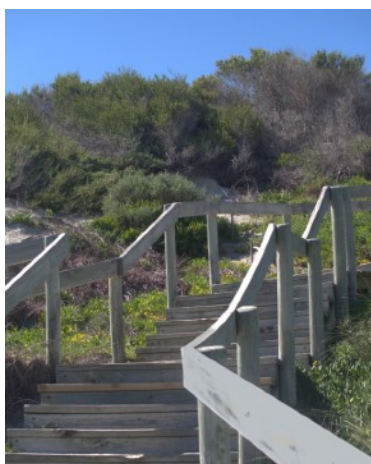
Watching the other women, it was clear that some of them felt more comfortable handling a tool that actually LOOKED friendly. A chunky easy-to-grip handle, a bright colour, rather than masculine black, seemed to have general appeal. Although I don't particularly want to use big machines like thicknessers (should they be thinnessers?) it was interesting to see how they worked: A bit like learning how to kick and mark a footy helps you to understand the skills involved, and enhances the enjoyment of watching a football match.

I brought home a picture frame after my last class, framed one of my photographs and hung it – so much more professionally and confidently than I had ever hung anything before. I've since made a little blackboard with a chalk ledge (for a TO DO list for my husband George's shed!) and done a bit of sanding, glueing, drilling...nothing major. But I feel more confident when I walk into the shed at the end of the garden.

So thanks to the Shedders for sharing their knowledge. But my power tools of choice remain the sewing machine and the food processor.

Lindy Brophy (Shedder George Williams's wife)

Stairway To Heaven??? - some shots from the Photography Group.



All articles/photos/information to
Jamie McKinnon
by the day of the monthly meeting.

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Shed**

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