Shire Woodworking Club Inc.
(Reg. No. Y2889524)

SAWDUST & SHAVINGS

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NOVEMBER 2020

The Official Newsletter of the SHIRE WOODWORKING CLUB Inc. Reg. No. Y2889524
"The WORKSHOP", 2B Turriell Bay Road, Lilli Pilli. NSW. 2229
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COOK COMMUNITY CLASSIC RAFFLE

Time is running out for you to collect your Cook Classic Raffle tickets from the workshop. You can collect the tickets when you come to the workshop to vote on the Plank Competition entries.

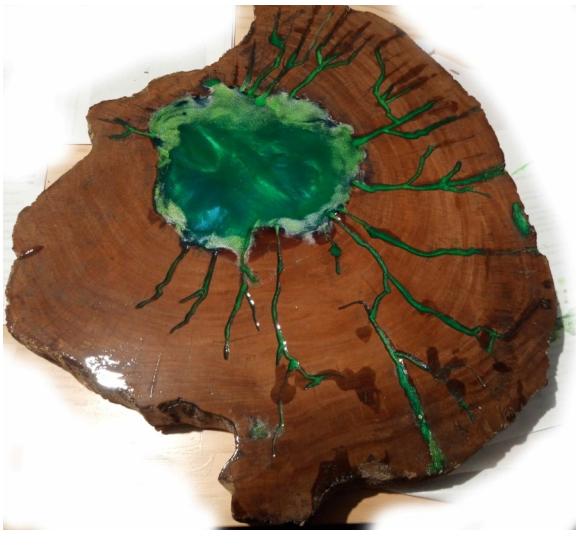
Remember all proceeds from the tickets you sell come to the club. This year's fund-raising activities were adversely impacted by the various measures needed to combat Covid-19.

See page 3 for Adam's car park and helicopters

A block of chocolate? No, it's a cutting board. See page 4 for the story

What is Lynn doing? Go to page 8 to find out

What timber is this? See page 6 to find out.



Time for your Plank Competition entry to be lodged. Judging starts Saturday 14 November. Page 9 has the details of how to view the entries and how to vote.

CLUB COMMITTEE:

President: Ian Rudd
Vice President: Malcolm Armstrong
Secretary: Graham Ethell
Telephone 9522 7674
Treasurer: Alan Ritchie
Committee Members: Ray De Marco, Roger Dixon & Barry Gardner

SUB-COMMITTEES & Auxiliary Positions

Assistant Secretary: Roger Dixon
Assistant Treasurer: Roger Walsh
Project Sub-Committee: Bob Davis, Barry Gardner, Alan Ritchie & Ray Tregoning.
Librarian: Roger Walsh
Safety Officers: Ray De Marco, Roger Dixon, David Edwards, Graham Ethell, Alan Ritchie, Ian Rudd & Ray Tregoning,
Welfare Officer: Peter Mott
First Aid Officers: Graham Ethell & Alan Ritchie
Newsletter Editor: Maurice Smith
Assistant Newsletter Editors: Ray De Marco & Roger Walsh
Catering Officers: Richard Cain, Michael Green, Steve Lansley, Trevor Lewis, Neil Mathews, Lynn Messenger & Roger Walsh
Equipment & Training : Roger Dixon, David Edwards, Neil Mathews, Terry Murphy, Alan Ritchie, Ian Rudd, Ray Tregoning & James Windschuttle
Raffles: Peter Mott
Exhibitions Sub-Committee: Malcolm Armstrong, Roger Dixon, Graham Ethell, Steve Lansley, Lynn Messenger, Maurice Smith & David Whitney
Property Sub-Committee: Richard Cain, Roger Dixon, Graham Ethell, Bob Quigley, Ian Rudd, & Ray Tregoning
Toymaking: Malcolm Armstrong, Barry Gardner, Gary Halder,, Steve Lansley, Lynn Messenger, Glen Reeve, Reno Scriberras, Maurice Smith, Ken Tyson & Roger Walsh
Woodcarvers' Liaison: Ron O'Malley

Librarian's Report

Our librarian, Roger Walsh, reports: We have received the October 2020 (Issue 284) of Fine Woodworking. As always, lots of interesting and instructive articles. Take a look at the section on workshop tips. For the woodcarvers, an interesting article on 'Power carve a freeform bowl'.

If you want a challenge check out the article 'Modern Wall Shelf – Tablesawn joinery makes quick work of an elegant design' or ' A Better-Built Cabinet – clever construction techniques for case joinery and moulding' Good pictures and drawings. The magazine is in the library now.

Happy woodworking. Roger Walsh - Club Librarian.

If you would like to receive this Newsletter please email the editor at **theshirewoodworkingclub@gmail.com** or if you have an article that you think would be suitable for publication in this newsletter your Editor would be most pleased to receive it.

Presidents Report October 2020

This year, because of the pandemic, has been a most difficult year for our club as without our regular Maxi Days we have not been able to experience the social get together and camaraderie that occurs on those day. The Maxi Days are a significant social outing for so many of our members who come to the club to enjoy the fellowship of other members. In particular, we have a number of older members who enjoy the second Saturday of each month at the club. Hopefully 2021 will allow our Maxi Days to return and we can again enjoy the inclusion of all members.

The Plank Competition will be judged in November and this year we will have another year of exceptional entries. The Plank competition has proven to be a worthwhile event that contributes many first-class toys to the club. Thank you to all the members who have entered the competition.

I would like to stress again the importance of fund raising for our club. This year has been a huge challenge for The Shire Woodworking Club as COVID has prevented our attendance at any Bunnings BBQ, the Gymea Village Fair and the Cook Community Classic fair. Those events have, in previous years, been the major sources of extra income and this year those events have been cancelled. We do have available raffle tickets for the Cook Community Classic and urge you all to dig deep and see if you can sell tickets to help our club. We have been able to sell a few items made using the Laser and our November Wednesday Christmas Toy sales will help.

We have received delivery of the new CNC spindle router and it has been assembled and commissioned by Roger Dixon and Bob Quigley. The complete unit has yet to be installed in its final location as we are still awaiting the delivery of the dust box. It is an impressive machinery addition to our club and as all members go through the Machine Induction process, I am sure they will be impressed by the super quiet running of the CNC spindle and the ease of setting router bit heights.

Safe woodworking and happy woodworking.

Ian Rudd President.

Hospital News

Adam's Parking Station

In our August 2020 newsletter we had a story about a Randwick Children's Hospital patient named Adam. He asked for a car parking station. Well we delivered him a multi-level parking station and two helicopters as well.

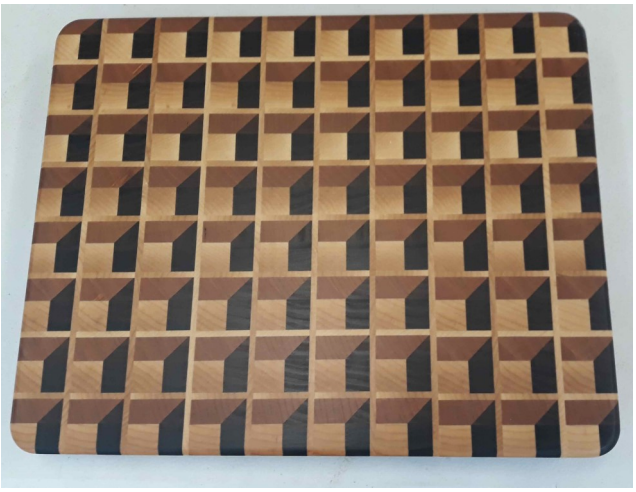
Well Adam has received the results of our labours and the photos below show Adam is well pleased with the delivery. Now doesn't that make you smile and warm your heart?

VIRTUAL SHOW & TELL

David Edwards 3d Cutting Board

What a month for cutting boards! Here's David Edwards' contribution. I can tell you that you need to see them in person to get the full 3d effect. It is amazing

David reports: "I am intrigued by the ingenuity of MTM Wood from Russia in designing 3D cutting boards and once having seen some of the results on YouTube, I've been compelled to try for myself. The photos show the results of my endeavours: the first board looking like a block of chocolate or a waffle/lattice pattern (MTM Plan #15).



The second board looks like a set of cube building blocks (MTM Plan #16).

As you move around the boards and get different perspectives, the shapes seem to change. To achieve the 3D patterns, I needed to follow the plans very carefully and to very accurately cut and plane to exact thickness, width and angle, as without this accuracy, the 3D effect will be ruined. On Board #15 for example, the plan calls for a board thickness of 27.6mm and he says in the plan "I know that this is impossible, but try to be closer to this number".

I did make a few mistakes and had to re-do some sections – expensive exercises as the wood was not cheap, however, I'm very pleased with the end result. The wood in both boards is Tassie Blackwood (dark), Cherry (mid), and Rock Maple (light) and the finish is with mineral oil and bees wax.

I have the plans available if anyone wants to make their own boards but I would suggest viewing MTM on YouTube first to get an idea of the process (https://youtu.be/ZVd-jxTmq4g and https://youtu.be/J0MH97I3tg0). I purchased the timber from Anagote Timber in Marrickville".

Neil Mathews—Flexible Sander

Earlier this year I made a flexible sander for sanding curved surfaces.

I used 40 x 3mm aluminium and bent it to roughly the size of a conventional hacksaw and fitted it with a wooden handle. On the ends I fitted small aluminium plates secured with screws and wing nuts to secure the 50mm wide abrasive paper. I found it worked well for the current project, but recently found a new application. I found it perfect for finishing toy wheels cut out with a hole saw.

Simply put a screw through the hole and tighten up the nut. The screw must be a good fit with the hole in the hole saw cut out. I have two hole saw mandrels, one uses a 6mm drill and the other uses ¼" drill. Put the end of the bolt into a battery drill and run it counter-clockwise. I placed the handle of the sander in the vice, and using this arrangement got the quickest and best finish on wooden wheels so far.

VIRTUAL SHOW & TELL

Brian Harward's Cutting Board ++

We know that the internet is an amazing resource. Did you know that there are resources that can assist you in designing cutting boards? Brian's cutting board is proof of that. Here's Brian's report:

Recently, while looking for inspiration for a cutting board design, I came across a free downloadable program for cutting board design and decided to download it and give it a try.

The program is Cbdesigner v2.0.0. ***(See http://www.lastalias.com/cbdesigner/)***

The program is reasonably intuitive and can be used for edge grain or end grain cutting boards. There are settings for board thickness, blade kerf size and board dimensions as well as the cut strip sizes which can be varied to create interesting patterns. There are also a selection of nine timbers to choose from or you can simply add your own.

For those designing end grain cutting boards there is a flip function which flips every second piece end for end which creates some varied patterns. There is also a randomize function which produces some strange patterns.

The graphics are simple but adequate for the intended purpose. Your end result graphics which show the strip layout and the end grain pattern can be output to a printer and also includes a list of the required timber sizes and quantity.

If you like making cutting boards, go ahead, download it and give it a go.

Want to design your own 3d cutting board?

If you are inspired by David Edwards or Brian Harward and want to try your hand at complex cutting boards, apart from the software tool referenced in the article above, there's another resource for designing 3d cutting boards:

Try the following website:
https://designer-board.firebaseapp.com/#/

He also has a YT video:
https://www.youtube.com/watch?v=h66NG0mcR4A&ab_channel=kvadro-wood

Tim Dodds— Towel Airer

Tim reports: "This is another Covid-19 project. Some time ago my wife and I thought a portable towel rack/airer, to air towels in winter, would be a good addition to our home. Initial ideas for this were focussed on older styled/turned/carved types - but we came across a very modern style where 3 rails were only connected at the base.

After doing the design and sourcing timber (from red cedar timber lengths donated to the club), my son and his partner decided they also wanted one. During the next week, an old painted timber door frame had also been donated to the club. We like to repurpose and so I was delighted to be able to turn the old and dilapidated door frame into something useful. It turned out to be laminated assorted hardwood, so whilst not the most attractive finish, it worked well, as our home is largely white trims and the plan was to paint one of the airers.

Given the 12 x 90 degree corners, I resorted to using dominoes to join and strengthen them in what was quite a "fragile" construction. This was quite a challenge - especially being first time using dominoes, but with Maurice's help we both learnt so much and achieved a good outcome.

Given the size and numerous gluing sessions (12 over the 2 towel airers), I borrowed 2 x 1.2m clamps and pulled it together in over 4 days. With a couple of coats of clear polyurethane and satin white Aquanamel, here is one of the finished products."

VIRTUAL SHOW & TELL

Huon Pine and Resin River Tables

Graham Ethell sent me this article:

"Last year my brother Trevor, (who lives in Tasmania and is a member of the New Norfolk Men's Shed), spent a few days in Sydney. That visit coincided with the Timber & Wood Show at Rosehill which we attended. While there we saw examples of timber slabs infused with resin, which induced Trevor to become interested in making similar items. He has now finished four items which are pictured. He writes:

It's only recently that I became interested in making Huon Pine and resin river tables, but I also found some fascinating Macrocarpa Pine and some Myrtle burl to work with. The Huon Pine is just sitting here in the Men's Shed in New Norfolk and I have carte blanche to use whatever I like. (Note from GE: SWC members eat your heart out!)

Several things to look out for in my brief experience.

1. Make sure that the resin cannot leak from the frame you are using. The best method I have found is Selley's NoMoreGaps, running a thin bead around the inside corners of the frame, not forgetting up into the corners. Remember, if it can leak it WILL!

2. Use something such as Melamine as the frame and coat with kitchen oil or contact self-adhesive, or you will have to chisel the frame away, probably damaging the piece in the process.

3. Make certain that ratios are absolutely correct then...

4. Mix, mix and mix some more until there are no streaks left in the resin.

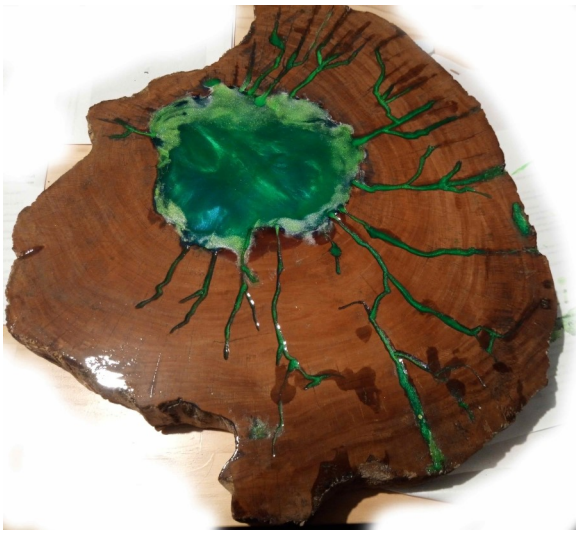
5. Before adding colour, pour some mixed resin into the bottom of the piece ie. only mix a small amount and let it set for a day or so until it is firm but tacky THEN start to mix and pour your first lot of colour. Oh yes, hold the timber down with clamps or it will float to the surface. This is why you do a clear pour at first, just to set the timber down into the mould. The clamps can then be discarded.

6. A typical table might have four pours: clear, colour, added colours around the edge, then a clear over the whole lot. With 36 hours or so (at 22 degrees) between pours, it pays to be very patient.

7. The final piece can be sawn, drilled, sanded, and rubbed back with wet-and-dry and cut back with automotive car polish before buffing if the final coat is not to your liking.) Often, the timber will keep bubbling, making a surface that is a little uneven. Use a heat gun to bring bubbles to the surface".

Macrocarpa Pine

Myrtle Burl which is going to have legs attached



Huon Pine

Huon Pine

VIRTUAL SHOW & TELL

New member, Karianne LaFrance, with her resin coated cheese board. Hopefully next month I'll be able to bring you the full story of Karianne's work. She does some wonderful resin creations.

Bob Davis popped into the workshop on committee meeting day, proudly showing off his latest creation; a gorgeous memory box. The story behind the box will be in the next newsletter.

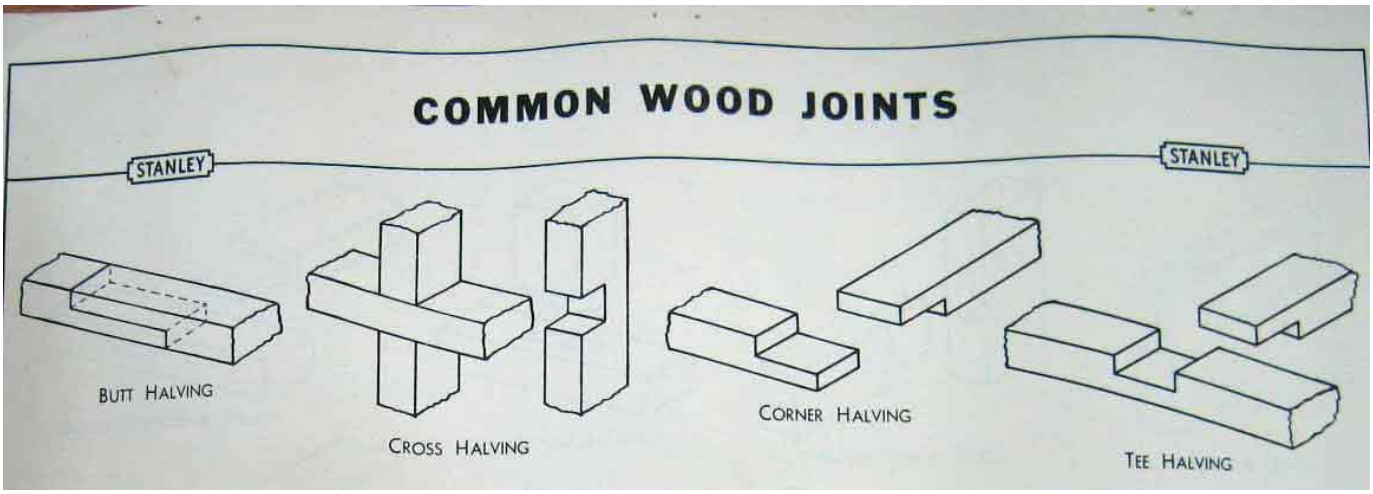
Essential Joints

Editor here; recently, while working on a series of Japanese inspired lamps I had to prepare quite a few half-lap joints. After numerous poor attempts at getting the required joints prepared accurately I resorted to the old "when all else fails …" method. I asked for help.

I enquired of several experienced members and Barry Gardner was a source of useful diagrams. Thank you Barry. The diagram below shows the joint that is usually known as a ***Half Lap Joint***. While the diagram shows the joint it didn't show me how to achieve the desired result.

As a relative newbie to woodworking I resorted to YouTube to see what processes experienced woodworkers use. Once again there are a large number of videos showing how to make "perfect half lap joints". In all. I probably watched an hour of videos. Some of the videos showed making half lap joints using a table saw, some used a table saw with a sled, others used a mitre saw, others used alternate methods.

Eventually I found a video that showed me how to get good consistent half lap joints using a table saw. The one that I ended following was *https://www.youtube.com/watch?v=MtAnTaHVYSo*



Strange how the **Half Lap Joint** has so many other names.

WORKSHOP WORK IN PROGRESS

This page is dedicated to members in the workshop showing their work in progress

Lynn Messenger painting a doll's bed

Barry Gardner was working on the lathe

This bowl is made from English Elm, a first for Barry.

Richard Cain—had me wondering

Richard's boards marked up, ready to make a large triangle?

The triangle has become a circle. Richard tells me that it's going to be a Lazy Susan; maybe that should be called a "Lazy Richard".

Hopefully more photos as work proceeds.

David Whitney—resident Luthier

This looks suspiciously like a guitar. But, just maybe I'm wrong.

H'mm wonder why the words "King Billy" are engraved on the front? Next time I see David I'll make a point of asking him.

PLANK COMPETITION 2020 COVID –19 JUDGING.

Due to Covid-19 restrictions we were not able to have our September Annual Open Day which would have included the Plank Competition voting and judging. However, members have made and submitted their entries. In consequence judging of the 2020 Plank Competition entries will take place from Saturday 14 November, 2020 until 12noon on Saturday 21 November, 2020.

So all members are invited to the Lilli Pilli Workshop on any of Saturday 14th, Tuesday 17th, Wednesday 18th, Thursday 19th, Friday 20th and up until 12 noon on Saturday 21 November 2020 firstly to view all the entrants and to submit your vote in the competition. There is no need to book to attend to vote. So please drop by to have a cuppa and register your vote.

TOYMAKING PLANK COMPETITION RULES FOR 2020

1. The purpose of the Competition, open to all members of the Shire Woodworking Club, is for members to enhance their woodworking skills, creativity and to have fun.
2. The Competition will be conducted in three categories as per last year. Eligible members in each Category will be published in "Sawdust and Shavings". All entrants will be supplied with a plank of Radiata Pine approximately 1500mm x 290mm x 19mm or equivalent.
3. There is no restriction on the number, size, type and design of the entry providing it is used to make one or more toys for the Club. It is to be made predominantly from the timber supplied. Full use of the timber supplied should, where practical, be attempted and any remaining pieces are to be returned to the Club.
4. Finished entry/s are to be made available for judging on the Maxi Day 12 September 2020. **Entries in the Competition shall become the property of the Club to sell, or to dispose of, at the Club's discretion.**
5. Members present on the judging day will be entitled to vote on the entries in categories for which they have not submitted an entry. Procedures for the judging will be determined by the Committee and advised to members on the day, however members will be asked to award marks under three criteria:

   Is it a good creative design including the entrant's creative design input?

   Is it well made?

   Is it well finished?
6. The winner, runner-up and third placegetter in each Category will be awarded prizes of a $50, $30 and $20 respectively Bunnings Warehouse voucher.
7. Winners will progress to higher categories as follows:

   The 1st and 2nd prize winners in Category C will progress to Category B in the following year's competition.

   The 1st prize winner in Category B will progress to Category A in the following year's competition.
8. In the event of a complaint, the complainer is directed to Clause 1 of these Rules.

2020 PLANK COMPETITION MEMBER CATEGORIES

CATEGORY # A MEMBERS

- Bob Davis
- Ray De Marco
- Barry Gardner
- Ian Rudd
- Roger Walsh
- Malcolm Armstrong
- Roger Dixon
- Robert Leake

CATEGORY # B MEMBERS

- Brian McMahon
- Robert Leake
- Steve Lansley
- Bob Quigley
- Regina McGrillen
- Neil Mathews
- David Edwards
- Tim Dodds

CATEGORY # C MEMBERS

All other Club members not listed in #A or #B at left.

Coming Up!

Club Calendar

November 2020						11
S	M	T	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December 2020						12
S	M	T	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	PH	PH
27	PH	29	30	31		

Legend:

- Committee Meeting 12:30pm Own projects catered for before & after meeting.
- Club Days -
- Toy Making Day - No own projects

First Saturday of the month is Wood-carvers; they have exclusive use of the

NOTICE BOARD

Pre-booking to attend the workshop is no longer required

At the committee meeting held on 10 November it was re-solved that effective immediately:

- Booking before attendance at the workshop is no longer needed
- Maximum number of members in the workshop is increased to 15
- Masks are still required
- All of our other Covid-19 safety plan measures remain in place.

Remember with Covid-19 most of our members are in the high-risk group within the community. This is primarily due to the last few digits on our dates of birth.

Some YouTube content for you

Various members have suggested the following YouTube videos.

Fleets Wood Shop Tour—an amazingly equipped workshop
https://www.youtube.com/watch?v=aBNkCm2-jTY&t=1482

How to ebonise wood:
https://www.youtube.com/watch?v=W1aj-1Z8Xwg&

Want to see a young professional woodworker in his workshop?
Search for: Sean Evelegh. For such a young woodworker he does some amazing work, highly recommended.

Want to see craftsmen and women repairing old items:
Search for: The Repair Shop
The videos are related to the lovely British TV series of the same name.

SAFETY

SAFETY FIRST: Members are asked on all club days to bring along and use their personal safety gear. ie. hearing protection, dust mask, eye protection, ensure they are wearing good sturdy protective footware and no loose fitting clothes.

Members with Birthdays in November

Day	Member
11	Tim Dodds
16	Stelios Shizas
19	Maurice Smith
26	Neil Matthews

Hope every one of you have a wonderful birthday and lots more of them.