

The Official Newsletter of the SHIRE WOODWORKING CLUB Inc. Reg. No. Y2889524
"The WORKSHOP", 2B Turriell Bay Road, Lilli Pilli. NSW. 2229
Workshop Phone 0490 861 606 Membership Enquiries: (02) 9522 7674 Newsletter Editor: Phone 0414 538 475



**ANZAC DAY soldier silhouette , com-
missioned by Bunnings Taren Point**

Shown left are members Ray Tregoning (left), the Anzac soldier, Ken Wooley Bunnings Activities Manager, President Ian Rudd (right) at the handover of the soldier to Bunnings. See story on pages 4 and 10.

**Playdough Rolling Pins for
Randwick Children's Hospital**

We put out a call to members to make Playdough Rolling Pins for Randwick Children's Hospital, member, Arthur Tilley answered the call, and then some, with 55 rolling pins. Thank you for your lovely work.



CLUB COMMITTEE:

President: Ian Rudd
Vice President: Malcolm Armstrong
Secretary: Graham Ethell
 Telephone 9522 7674
Treasurer: Alan Ritchie
Committee Members: Roger Dixon, David Edwards
 Maurice Smith

SUB-COMMITTEES & Auxiliary Positions

Assistant Secretary: Roger Dixon
Assistant Treasurer: Roger Walsh
Project Sub-Committee: Barry Gardner, Alan Ritchie,
 Bob Quigley & Ray Tregoning.
Librarian: Roger Walsh
Safety Officers: 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: TBA
Catering Officers: Richard Cain, Steve Lansley, Trevor
 Lewis, Neil Mathews, Lynn Messenger & Ray Tregon-
 ing
Equipment & Training : Roger Dixon, David Edwards,
 Neil Mathews, Alan Ritchie, Ian Rudd, Ray Tregoning
 & James Windschuttle
Raffles: Peter Mott
Exhibitions Sub-Committee: Malcolm Armstrong, Roger
 Dixon, Graham Ethell & Mike Green
Property Sub-Committee: Roger Dixon, David Ed-
 wards, Graham Ethell, Bob Quigley, Alan Ritchie &
 Ray Tregoning
Toymaking: Malcolm Armstrong, Barry Gardner, Gary
 Halder, Steve Lansley, Neil Matthews, Glen Reeve,
 Reno Scriberras & Maurice Smith.
Woodcarvers' Liaison: Don Williams

Librarian's Report

We have received the April 2022 Issue 295 of Fine Woodworking. Take a look at the Woodpeckers advertisement on pages 12 and 13. Some interesting / useful tools for your workshop.

If you would like to have a go at some wood bending, take a look at the article 'Insulated steambox works better' in the workshop tips. There's an interesting article on how to 'Create a kumiko cloverleaf', a Japanese technique of assembling wooden pieces without use of nails.

A couple of projects, ie 'Contemporary End Table' and 'Build an Andon Lamp' using Kumiko technique. A instruction on dovetails using saw guides rather than normal machinery. The magazine is available in the holder adjacent to Gallery entry table.

Remember, our library has been moved from the rear room off the kitchen to the cupboards located in the meeting / lunch room.

Happy wood working. Roger Walsh - Club Librarian.

**MAXIDAY:
 SATURDAY 9 APRIL 2022
 AGENDA**

8:45am	Open Lilli Pilli Workshop
9:00am	Monthly Meeting
9:30am	Videos — Ian's selection Laser cutting Router safety
10:00am	Morning Tea
10:30am	Show & Tell
11:00am	Demonstration of Router techniques and router use safety
12:00noon	Lunch –
1:00pm	Plank Competition discus- sion
1:30pm	Raffle Draw
1:45pm	Members projects
3.00pm	Workshop Close

Presidents Report April 2022

During February and March, a number of club members have been busy making toys and other items for The Children's Hospital Randwick. This issue of Sawdust and Shavings shows the extent of the items that were made and delivered and I would like to thank everyone for their contribution. In particular the Club thanks Julie Edwards for the wonderful crocheted lap rugs she has hand made as these were part of the delivery to the Hospital. Our association with the Child Therapists is enhanced every visit as we learn from them new requests and ideas for future deliveries.

The router sled is now completed and instructions are clearly shown at the machine outlining how to safely use the equipment. If members want to use the sled please arrange for an Induction Procedure so that you are trained on the use of the sled. The club thanks Dave Edwards for his outstanding efforts in designing and making this valuable asset for our club. The sled allows large boards like cutting boards to be machined perfectly flat ready for sanding.

Our oldest member, Doug Wickens kindly donated a variety of different wood he had collected over the years, those items will find good use at our club. He also donated many of his tools and machinery for our club and these items have been added to our list of equipment. The additional items not required by the club were sold to interested members and the funds raised are gratefully received.

Please remember to sign in each visit, record your temperature and pay your door entry. If you are among the last to leave, please check that the Gallery has been locked, the flag brought in and all machines and lights turned off

Happy Woodworking
 Ian Rudd
 President.

Equipment News

Several pieces of equipment news this month

Our large table saw outfeed table now has a table top to make life that little bit easier



The workshop's large table saw has long had an open top outfeed table,; the open top is now covered. Thanks to member Ray Tregoning.

When discussing this improvement, Ray told your editor that the table top had been on his mind ever since he had made the original outfeed table.

Many thanks Ray. Love your work, as always,

Barely used Drill Press to be installed in place of our very old drill press

Among the many items of equipment gifted to the Club by centenarian member, Doug Wickens, is a barely used drill press. This drill press is ready to be installed on the bench adjacent to the storeroom. Once again thank you Doug.



Coming soon to a lathe near you

The request from Randwick Children's Hospital for a large supply of playdough rolling pins and our request to members to put their own lathes to use making rolling pins has resulted in member David Edwards, researching how to make a copy lathe.

The result was that the club will shortly have a jig that will make turning rolling pins for playdough so much easier. The YouTube video at the link:

https://www.youtube.com/watch?v=9Z4P9wJolqY&t=125s&ab_channel=JSK-koubou

has the details.

If you are pressed for time, just watch the first 2 minutes. It shows how a trim router is used to copy a profile. The profile we will use will be produced on the laser. It is likely that we will be able to turn several rolling pins at once, making it so much faster again to produce the rolling pins.

The production time for a rolling pin will be reduced substantially. When we have the jig installed more information will be provided in this newsletter.

Lots of thanks to David Edwards who has undertaken to build the jig.

The photo below is taken from the YouTube video. It shows how the spinning router bit is used in place of a turner's chisel.



A trivia question for you

Who was the American gunsmith who developed a drill bit often used by woodworkers today?

See final page for the answer!

Children's Hospital, Randwick Therapy & Toy Delivery

31 March 2022

Due to the continued Covid restrictions imposed on all of us and especially the Randwick Children's Hospital, Roger Dixon, President Ian, VP Malcolm and I delivered 434 items as seen in the photo and listed below together with another 14 crocheted rugs from Julie Edwards. The delivery was to loading dock 3 at the hospital. Thanks Roger for the use of your Land Rover Discovery as the delivery vehicle. It was again fully loaded.

Between our last delivery to the Hospital last November and this delivery the Therapists asked if we could make a Fairy House Letter Box so that patients could post letters to the fairies. President Ian took on the task and using the Club's Laser Cutter Engraver produced an outstanding letterbox. It was received with grateful thanks from the Hospital and was last seen under the control of Captain Starlight and the Starlight Foundation Television Studio.

The Therapists also asked if we could make around 100 play dough rolling pins. While we did not quite make the 100, we achieved 93, of which Arthur Tilley contributed 55 (many thanks Arthur). In addition, President Ian on the Laser Cutter Engraver produced some rollers which enabled numerous designs to be impressed into play dough. Also he produced 12 stamps that did a similar thing.

We were also asked to engrave children's names on a number of the therapy items. There were 16 in total, for patients from 14 months to 13 years old, all patients in the Oncology Ward. See list below of the named toys.

Steve Lansley was our most prolific toymaker and came up with amongst many other items 27 Micro Semi-trailers trucks, Utes, Buses and cars.



Barry Gard-

ner



Items delivered to the hospital:

Keepsake Boxes	17	Fairy House Letterbox	1	Named Items	
Easter Items		Model T Ford Truck	2	Elf House	2
Large Rabbits	5	Hot Rod	1	Fairy House	1
Medium Rabbits	13	Tug Boats	24	Unicorn House	1
Large Easter Baskets	7	Micro Semi trailer	7	Easter Basket Large	4
Small Easter Baskets	7	Micro Utes	6	Easter Basket Small	2
Rabbits Fishing w Easter Egg	14	Micro Bus	6	Truck cattle	1
Easter Bunny with egg	2	Micro Cars	8	Hot Rod	1
Rabbit with Basket	7	Small T Model Car	1	Keepsake Box Truck	1
Rabbit on stand	4	Mustang Aeroplane	2	Small Car	1
Rabbit Fancy Cutouts	28	Book Stands	2	Workboat	1
Bandsaw Box Egg	1	Cutouts		Land Rover	1
Rabbit cutout Lge	2	Electric Guitars	37	Play dough stamps	12
Rabbit cutout med	2	Acoustic Guitars	40	Play dough figured rolling pins	6
Racing Cars Large	4	Flying fairies small	13	Playdough rolling pins	89
Racing Cars Medium	6	Fairy with wand medium	5	Vases	17
Small Cars & Trucks	8	Fairy sitting	3		
Kangaroo cut out	1	Unicorn	8	TOTAL	434

SHOW & TELL

Bunnings Request for an Anzac Day soldier

Our local Bunnings store at Taren Point asked us to make a soldier silhouette for the upcoming Anzac Day. As usual, the wise heads of the senior executive put their heads together and came up with plan. The plan was well executed

Luckily, President Ian Rudd's son-in-law has access to a large bed CNC machine. From the PDF outline supplied to him, the CNC cut the outline in short order. The photo below shows the 2.2 metre long cutout on the workshop's benches with Ray Tregoning about to apply the trim router to tidy up all the edges.



For Ray's report on the construction process, see his report on page 10.

Alan Ritchie's Box Milestone

Alan Ritchie became the club's "box man" soon after joining the club, initially training members in box making with the Gifkin Jig and upgrading a process for the various boxes needed for the Sydney Children's Hospital at Randwick.

He oversees the club's production of Keep-sake boxes, for patients to hold mementos from their hospital stays; Worry boxes, to address patients' concerns; and Memorial boxes for bereaved parents. The boxes are left unfinished so they can be personalised.

Initially most of the boxes were made with dovetail joints, but many were made with finger joints after the Club upgraded our Gifkin jigs to make finger joints.

In the last two years most of the boxes are being made with finger joints using the club's laser machine, as shown in the photo below. The laser allows for an increase in the production rate of the boxes.



At the end of 2021, Alan hit a major milestone with the production and delivery to the hospital of his thousandth box.

He is now on his way to another thousand. When will he get there?

SHOW & TELL

Club Attendance at *Connecting Leisure and Retirement Expo*

On Saturday 26th March the Club had a stall at the above named Expo held at the Gymea Tradies Club. In the previous two years was cancelled due to Covid lockdowns.

Secretary Graham Ethell reported:
Quite a productive day. A few sales (just over \$200), contacts for membership and future Gallery sales, as well as contacts with other community organisations.

The photo below shows members Graham, Roger and Ray setting up our stall.



Editor here: a lady member of the public known to me visited our stall and was amazed at the large laser cut fort, President Ian Rudd's Plank Competition entry from last year. I have tried to interest that lady in our club, but alas, she declined due to her many other commitments.



Bandsaw Boxes

The theme for MaxiDay on Saturday 10th March was Bandsaw Boxes. Members who participated in this challenge produced a wide range of bandsaw boxes. Some of those boxes are shown below. We also have received reports from several of the participating members.



SHOW & TELL

Reports from members on their Bandsaw Boxes

New member, Lloyd Kirkland, had fun

As a new member I decided to take up Barry Gardner's offer to make a bandsaw box. His preparation made it easy to hop straight on the bandsaw and sanders to have the basics completed quickly.

An offcut of almost black timber provides a contrasting handle that was simply glued in place. The block of Himalayan cedar was good to work with, coming to a lovely finish before applying several coats of orange shellac. The box is now waiting for a final wax finish and flocking for the drawer

The project was a good way, as a new member, to interact within the club, become familiar with the workshop and tick some safety tests.

I enjoyed the project.



Malcolm Armstrong and Batman, etc

I've enjoyed making band saw boxes; two were for the last Maxi day, and a further three boxes over the following two weeks.

Each box was made with very attractively-grained Camphor laurel timber.



The first box (shown above) comprising three drawers; the main drawer was a double and the other two were 'normal' single drawers, all up four spaces to store trinkets. The box was finished with multiple coats of Danish oil and the drawers were coated with red flocking. The three drawer box was made for my wife.

Batman Bandsaw Boxes



I searched for an image of the Batman logo. I made two Batman boxes for our grandsons. I had to shorten the tail on each so that the box could sit on the outer wings. I found the weak point was the sharp tips of the wings which chipped out easily. Thank-

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SHOW & TELL

fully I only had to repair one tip on each box. I decided to paint each Batman black and made a matching logo for the drawer handle on the essential yellow background! To protect the base's wing tips I used plastic poster rail. I could not easily source yellow flocking so I decided on stiffened yellow felt to line inside the drawer - designed to hold pencils.

The bird bandsaw box was fairly easy to



cut out with the open-ended drawer. I finished this box with six coats of blonde shellac and used a red beaded pin glued in for the eye.

The dog is a German Shepherd shape



made for one of our granddaughters. It was finished with six coats of blonde shellac; a blue beaded pin was used for the eye, and for fun, a fuzzy tail added!

It was unfortunate but necessary that I had to cover the grain on the two Batman boxes, but I thought our grandsons must have an authentic black Batman (box)!! Thanks to Barry for encouraging all of us to learn the art of bandsaw box-making!!"

Perter Goonpan amazed us with his wood and fibre glass kayak



A strip plank kayak is a kayak made up of small timber strips glued over a frame then coated with fiberglass inside and out. The timber creates the shape, the fiberglass creates the strength.

The initial shape is made up of cross sectional forms of plywood laid out on a strong backbone about 300mm apart. The timber strips are temporarily tacked and edge glued together onto the frame. In this build I made the hull first so I could experiment, then I flipped it over to complete the deck. (The side you see most)

Once the timber kayak is completed the deck and hull is then smoothed,

sanded then coated with fiberglass. To remove the frame the deck is cut away from the hull along the gunnels

The inside is smoothed, sanded and fiberglass is applied then it is joined back together with a 25mm fiberglass tape. The cockpit cut out combing fitted and any fittings fixed in place. (Seat, footrest, etc)

Technical Details

Length: 5200mm

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SHOW & TELL

Width: 570mm
Weight: 16kg
Timber: Strips. 20mm x 6mm Western Red Cedar
Glue: White PVA (remember it's fiberglass coated inside and out)
Fiberglass: Cloth mat, Hull 6oz, Deck 4oz
Resin: 4 Lts epoxy
Time to build: Approx 10 months
Model: "The Guillemot"
More information: "The Stripped-Built Sea Kayak". By Nick Schade

Editor here: Peter, what a lovely piece of work, certainly a labour of love. Yes, Peter does use the kayak out on the ocean.



Ray De Marco couldn't decide if his toy was a boat or a plane

The photo shows the unpainted completed racing car toy for the children at the hospital to paint. In the design and building of it at



the Club there was some fun with three members asking what I was doing and I showed them the body without wheels. However, joining together and laughing they said it should be a racing boat. As a result, I acted as a totally confused member and said that I could not make up my mind what to do. This was done to stir them up. So, I finished at home with the six wheels.

I will make another one with some improvements and also design a similar one and make a racing speedboat for the hospital children

Ray Tregonong's Laptop Desk

I saw this in an old Australian Woodsmith magazine, February 1999. I have no idea



where I got the magazine from.

I thought these would be a good item for the club to sell. It is made from Radiata Pine dressed down to 13mm thick with some Merbau splines cut into the mitered cor-

(Continued on page 10)

SHOW & TELL

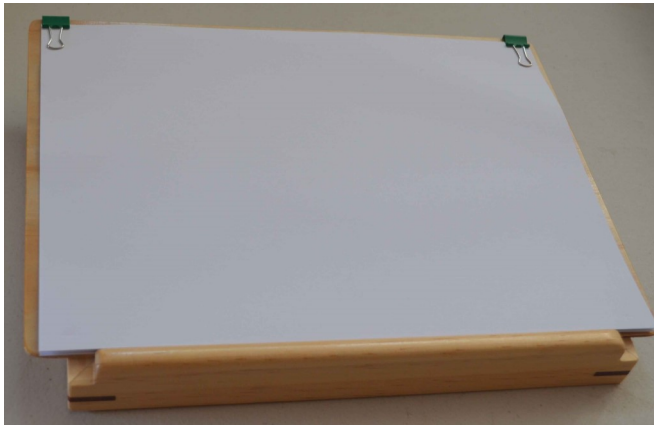
ners that gives a bit of colour and strength to the joints.

Within these boxes are two dividers, the one at the top holds a roll of paper which can be pulled over the face of the lid to form an area which can be used as back board for drawing. The backing board is Colourbond so it can be used with whiteboard markers.

I used some acrylic for the dividers and two caps on the top instead of timber for a better look. The timber hinges. Pencils, crayons, whiteboard pens and erasers, paper and coating with 2 cans of Anchor Clear Gloss came in a total cost for both boxes at approximately \$90.00.

Ray Tregonong's Laptop Stand

I made two splayed laptop stands, they were made with the Children's Hospital in mind.



They are made from the offcuts of the laptop desks, plus a piece of 3mm pine ply from the Club. I coated them with Anchor 100% Gloss to allow them to be washed down. On Saturday Maxi Day new Club member, Emily, has purchased one for her to use for her drawing at home.

Ray Tregoning tells us about building the Anzac Day soldier requested by Bunnings

A request was received from the Bunnings store at Taren Point for a silhouette of a soldier for ANZAC and Remembrance Days to be displayed in their store. It will be remembered that this Bunnings store has been very supportive of the club over many years.

I put my hand up to accept this challenge. How to make it?

We could get a sheet of 19mm plywood and draw the shape and cut it out with a jigsaw – a long job. Ian's son in law, Darren, works for Thomas Creative which do signage and have a flat bed CNC machine and had a design from a similar job and therefore were able to cut the shape out from a single sheet of ply. In total the silhouette stands 2.2 meters tall.

To stand the soldier up the base 660 long x 470 wide and 95 tall was made from a length of 300 x 100 Oregon I had left over from my home. joined up to size with a routed slot. A 15° slope was cut on the front to take the laser engraved "LEST WE FORGET" with gold painted lettering and clear coated New Guinea rose wood.

The soldier was painted with low sheen black acrylic. The poppies, 1 on the soldier's hat and 5 around his feet were crocheted by my mother-in-law, Joan Stilgoe, whose father served in WWI as a Private in the 4th Division Army Service Corps in Egypt and France, mentioned in dispatches during second battle of the Somme.

On Wednesday afternoon 29 March 2022 Ian, Graham and I set it up at Bunnings with Ken Wooley, Activities Team Member, who was very happy with the result.

Ray Tregoning

Announcing the 2022 Plank Competition

THE 2022 TOYMAKING PLANK COMPETITION

The Radiata Pine Planks have not yet been purchased, but will be so in the very near future.

Entries are not closed. Planks will be available for any member wishing to enter .



YOU HAVE TO BE IN IT TO WIN IT

TOYMAKING PLANK COMPETITION RULES FOR 2022

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 September Maxi Day 10 September 2022. **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 Bunning's 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.

2022 PLANK COMPETITION MEMBER CATEGORIES

CATEGORY # A MEMBERS

- Bob Davis
- Ray De Marco
- Barry Gardner
- Ian Rudd
- Roger Walsh
- Malcolm Armstrong
- Roger Dixon
- Robert Leake
- Geoff Tong
- Graham Ethell
- Neil Mathews
- Tim Dodds

CATEGORY # B MEMBERS

- Brian McMahon
- Steve Lansley
- Bob Quigley
- Regina McGrillen
- David Edwards
- Glen Reeve
- Bob Winwood
- David Whitney

CATEGORY # C MEMBERS

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

Coming Up!

Club Calendar

April 2022							4
S	M	T	W	Th	F	Sa	
					1	2	
3	4	5	6	7	8	9	
10	11	12	13	14	PH	PH	
PH	PH	19	20	21	22	23	
24	PH	26	27	28	29	30	

May 2022							5
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	31					

Legend:

	Committee meeting 12.30 pm
	Club Days—members own projects
	Toy Making—No own projects
	MaxiDays
	First Saturday is Woodcarvers use of the Workshop
	Club Day & Woodcarvers' Evening

An American Gunsmith patented the *Forstner bit*

For an interesting read, research Benjamin Forstner who in 1874, or maybe 1886, patented the drill bit well known to woodworkers, as well as to gunsmiths.

He made arrangements for two American gun manufacturers to manufacture and sell his bit.

To quote Wikipedia: *The bit was unsurpassed in drilling a smooth-sided hole with a flat bottom.*

NOTICE BOARD

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 footwear and no loose fitting clothes.

9 April 2022 MAXIDAY THEME

Routing techniques and routing safety

Neil Matthews has updated the "Where is it?" list

Neil Matthews has been busy and has produced an updated the "Where is it?" document that sets out where everything is stored is the workshop.

The new version is now available in the workshop. So if you can't find something your first step is to consult this document. Where to find the "Where is it" document? It's located at the front table in the workshop entrance.

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.

IF the Federal election is held on 14th May, the MaxiDay scheduled for that day may be rescheduled to the following Saturday, 21 May.

Members with Birthdays in April

Day	Member
8	Mickael Trodoux
15	John Barter
16	Sam Simmons
18	Peter Warren
21	David Edwards
24	Bob Davis
25	Reno Sciberras
30	Douglas Wickens

Raffle winners

1. Peter O'Connell
2. Barry Gardner
3. Gary Healey
4. Alan Hendry



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