

Crosscut

Journal of the Wits Woodworking Association

◀ What strikes you as odd in this picture?



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Next meetings – Woodturners – Monday, 3rd February 2025 from 18h00 at **Made in Workshop** – Sharpening and using scrapers for turning – Herman Potgieter and others.

– **Main Club meeting – Wednesday, 12th February 2025** from 18h00 at **Made in Workshop** – Dowel Making. There are many ways to make dowels, short and long. We will show as many as we can think of. If you have a technique or jig to show, please bring it to share with us.

News

December club meeting – Wednesday, 11th December, 2024 from 18h00 at **Made in Workshop** – Aside from the braai, there was a short quiz of 20 woodworking questions. Our professional woodworkers, Graham and Lynton both had a top score of 16, as one would expect. The quiz sheet is given below, so if you missed it, you can see how you would have scored.

January Meetings:

13th January 2025 – Woodturners - Deep Hollowing of vessels – Herman showed two videos.

The **first** was by Richard Raffan to demonstrate back hollowing. Entitled *Richard Raffan on back-hollowing into endgrain*, the video can be found here: <https://www.youtube.com/watch?v=KdPGAqXOds>

As explained in the video, back hollowing is a technique for hollowing end grain vessels that is very efficient but requires some expertise.

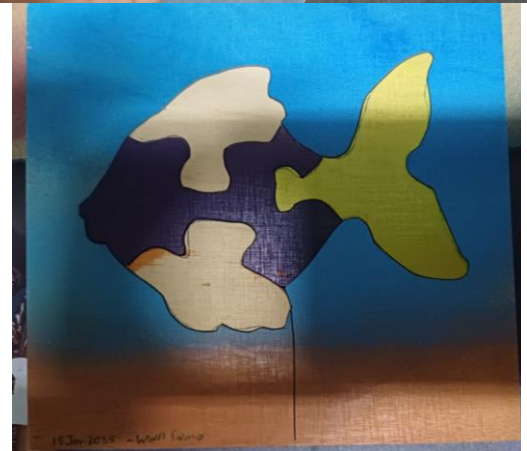
The **second** video entitled *How to Hollow End Grain – Some Techniques* by Mike Waldt covered different techniques for hollowing end grain. It can be found here: <https://www.youtube.com/watch?v=dRQwDJ8LE-g>



15th January 2025 – Main club - Making simple puzzles using a scroll saw – Trevor Pope showed how to mark and cut out the pieces for a simple puzzle. Using a scroll saw with #5 blade made it easy to follow even the tightest bends. Once the pieces were separate, they were spray-painted in bright colours. The surround was also painted, prior to gluing to the backing. Thanks to Anesh for the pictures



Reminder - New WWA Account number with FNB - 63026931287 – please add this to your beneficiaries list. Please make sure that your payment can be identified by adding your **name**, perhaps cell number and **reason for payment**. Annotations such as “annual subs” or “WWA shirt” without your name are not helpful – Anesh will not be able to trace your payment. Please note that the **Nedbank account has been closed**.



Check all this with Henry...

Access times for Made in Workshop for WWA members :

MiW times for WWA members are as follows

Monday, Thursday, Friday and Saturday 9AM to 12AM. However please take note of the following:

WWA members CANNOT just arrive at **MiW** and use machines unless they have booked them with **MiW**. This refers to the bookable machines such as the panel saw, thicknesser/planer, drum sander, spindle moulder as well as CNC machines of any kind. This applies only the woodworking machines. The other machines require the purchase of a membership at the monthly (30 day) rate – which is a good rate anyhow.

Machines such as the bandsaw and the Triton router table need no booking.

Henry also requires that all the major machines may only be used if the WWA member is familiar and fully understands the importance of the correct and safe use of these machines. Speak to Graham regarding training and qualification to use machines.

MiW is a **Maker Space**, which means that members are able access the machines which are included in the list above. Access to the other machines and facilities is subject to additional fees as mentioned above. While **MiW** will provide assistance and training where necessary, members are responsible for providing materials and performing the work themselves. Members need to be skilled and competent to use the facilities to do the work. For example, if you wish to use a CNC machine, you will need to manually program the tool path on the machine or import it from a design tool that generates the tool path for you. There may be a steep learning curve, but that is part of the challenge.

Bookings can be made during office hours of 8h00 to 17h00, weekdays by contacting one of these numbers:
Henry – 083-269 9505; Josh – 083-768 7853; or Trenton – 081-365 6039

Schedule for Regular Events

1. Second Saturday of month at 9h00 at **Made in Workshop** - Herman – all things turning related – 083 631 0501 [hermanpotgieteresq AT gmail.com](mailto:hermanpotgieteresq@antlerfin.co.za)
2. **Show & Tell** meetings are held at Hardware Centre every Friday Morning at 09:30. All WWA members welcome. Contact Eugene on 0824953394 or eugene@antlerfin.co.za

This list is subject to change, so please consult your *Crosscut* each month for any updates.



WWA Quiz – Dec 2024

Trevor Pope

	Question	Tick the correct answer	Score
1	Which wood has the highest strength per unit weight? (It was commonly used in aircraft construction.)	☐ Oak ☐ Pine ☒ Spruce. ☐ Balsa	
2	Is Balsa wood a hardwood or a softwood?	☒ Hardwood. ☐ Softwood	
3	What is the most dangerous stationary power tool in a woodworking shop? (Based on statistics of injuries in woodworking industrial accidents.)	☐ Shaper ☒ Table saw. ☐ Jointer ☐ CNC router	
4	When wood is dried (seasoned) in which direction does it shrink the most?	☐ Along the grain direction (longitudinally) ☐ Radially – in the direction between the pith and the bark ☒ Tangentially – around the center.	
5	When a board is sawn from a log, which cut leads to the least shrinkage and the most stable stock?	☐ Flat sawn ☐ Riftsawn ☒ Quartersawn. ☐ Through and through	
6	In which direction is a flat sawn plank likely to cup?	☒ Towards the bark side. ☐ Towards the pith or heartwood side	
7	Which is the weakest joint?	☐ Mortise and Tenon ☐ Sliding Dovetail ☒ Butt Joint. ☐ Dado Joint	
8	Which of these is a safety essential when working with power tools?	☐ Eye protection ☐ Non slip footwear ☐ Ear protection ☒ All of these.	
9	What is a "hook angle"?	☐ An architectural necessity for colonial style furniture ☐ The angle used to determine cuts in crown molding ☒ The angle at which a saw tooth is set. ☐ The angle a chisel is held at while sharpening	
10	This type of chair is often made of several different species of wood to take advantage of each species' benefits in strength, wear and pliability.	☒ Windsor. ☐ Shaker ☐ Rocker ☐ La-Z-Boy	

11	Which furniture designer is not known for being at the forefront of the Arts and Crafts style?	☐ James Krenov. ✓ ☐ Frank Lloyd Wright ☐ Gustav Stickley ☐ Charles Rohlfs	
12	What wood is used for matches?	☐ Poplar. ✓ ☐ Aspen. ✓ ☐ Cottonwood. ✓ ☐ Pine	
13	What wood is commonly used for making pencils?	☐ Cedar. ✓ ☐ Birch ☐ Beech ☐ Spruce	
14	Medieval furniture in Europe was commonly made from	☐ Pine ☐ Oak. ✓ ☐ Mahogany ☐ Yew	
15	Chippendale chairs were traditionally made from	☐ Sandalwood ☐ Beech ☐ Mahogany. ✓ ☐ Oak	
16	Which wood is best for hammer handles due to its shock resistance?	☐ Ash. ✓ ☐ Hickory. ✓ ☐ Beech ☐ Yew	
17	Douglas Fir is also known locally as	☐ Red wood ☐ Oregon Pine. ✓ ☐ Larch ☐ Spruce	
18	What does the term toenailing mean?	☐ The vertical part of a frame ☐ An edge profile ☐ Driving nails at an angle to join two pieces of wood. ✓ ☐ A shim ☐ Something practiced by foot-fetishists	
19	What does a waney edge mean?	☐ The natural edge on sawn lumber. ✓ ☐ The burned wood in a cut made with a blunt circular saw blade ☐ An edge sawn away from the marked line ☐ A rough-sawn edge before finishing	
20	Who are United Society of Believers in the Christ's Second Appearing also known as?	☐ Mormons ☐ Shakers. ✓ ☐ Scientologists ☐ Seventh-day Adventists	
		Total	Score

The correct answers are indicated with a ✓ mark.

Notes: - 1 – You may have read about the eccentric millionaire Howard Hughes' aircraft called the Spruce Goose. Spruce was also used in other aircraft: the Wright brothers first aircraft used red spruce. The DeHavilland Mosquito also used spruce.

11. James Krenov is famous for his involvement with College of the Redwoods at Fort Bragg, California, and his books, including *A Cabinet Maker's Notebook*. 14 and 15 – In medieval times, oak was locally available, whereas in Elizabethan times, trade networks extended to the tropics, so mahogany was imported for prime furniture in the 17 and 18th Centuries. 16 – Hickory is preferred in the USA, but is not grown in Europe, so Ash is a good substitute. 20 – The shakers are associated with shaker style furniture, so that is the connection.