

NEIL TURNER

New Zealand Tour
1 to 17 April 2019

Organised by the National Association of Woodworkers



Sponsored by Timberly Woodturning
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The National Association of Woodworkers has arranged for Neil Turner from Perth, Western Australia, to visit New Zealand from 1 to 17 April 2019.

Neil is an excellent woodturner, great demonstrator, and great entertainer. If you need confirmation of that ask anybody who watched when he visited Spin Around in 2017, or attended his demonstrations at the 2018 New Zealand Symposium. Or, just have a look at his website <http://www.neilturnerartisan.com.au/> and view the pictures there. There is opportunity here for every woodturner to learn new things.

The plan for this tour is for Neil to arrive in Christchurch and tour the south before crossing to the north and continuing his tour. Each club is asked to liaise with the previous and next club on his calendar and arrange for him to be passed from club to club. We ask each club to arrange a billet for him with one of their club members.

The demonstrations he offers are in the following pages. Within each demonstration there is a wealth of knowledge and learning for woodturners, carvers and decorators of all skill levels.

The cost of all this is that each and every person attending shall pay as in the next table and these monies will go to the NAW Treasurer. Clubs are welcome to add to these fees and hold any other fund raising activity while Neil is at their club.

	NAW members	Non-NAW
	Pay	Pay
One demo subject	\$20	\$40
Two demo subjects	\$25	\$55
Three demo subjects	\$30	\$75
Day class One subject	\$80	\$130

The only person who can be present and not pay is one helper at a day long class. The priority order for people booking in for a day long class is: 1. Members of the host club who are also members of the NAW; 2. Members from other clubs who are also members of the NAW; 3. Other members of the host club; 4. Others.

To maintain these low prices we ask each host club to raffle the items that Neil makes and include the return for that raffle in the payment to the NAW. If you wish to add more items to make a better raffle then the NAW will share the proceeds 50/50.

Each NAW member attending a demonstration or class may enter a prize draw for one of three vouchers (\$250, \$150, \$100) from Timberly Woodturning by writing their name, NAW member number and contact details on the form provided. One entry per person.

Demo 1 Coral Embellishment on Ogee Form

We will discuss the design options and then work through all the tool choices and methods to mount the wood on the lathe, turn an even wall thickness, and get a bowl as we wished it to be. I will use a variety of chisels and sanding options to get a good finish.

I will use a micro motor machine to embellish the piece and will discuss the many options this has, such as lack of vibration and quiet running, which are better than other machines.

We will consider the carving and embellishing options for this form and the range of burrs needed to achieve the desired outcome.

Wood requirements

200mm – 300mm dia x 50mm – 75mm thick. Sound, straight grain timber.



Demo 2 Sea Urchin Box

This is a small box with a difference as it uses a central post to locate the lid. I will work through the entire process to make this box, including the tricky moves needed to clean the bottom after all the decoration is done.

I will demonstrate the marking out procedure for embellishment using the indexing facility on the headstock and describe other jigs you can make to assist the marking out process.

Then there are various tools required to complete the embellishment. We will consider the differences between Dremels, air tools and Micro motor Machines.

Wood requirements

75mm x 75mm square x 200mm long - straight grain.



Demo 3. Sphere

Turning a sphere between centres, demonstrating the use of the spindle gouge and scrapers to achieve a sphere and the use of templates to help during the turning process.

This provides a fantastic canvas for us to carve on: spiral patterns, coral forms, leaf motifs, and various simple textures. This is just a small sample of ideas to use.

I will describe the best tools to use to achieve the various embellishments either the Dremel, air tool, or Micro motor and the advantages of each. Demonstrate the range of burs required to make the textures.

Wood requirements

80 – 100mm cube and two pieces 50mm square x 25mm long.



Demo 4 Thin-walled Bowl

We will discuss the design options and then work through all the tool choices and methods to mount the wood on the lathe to turn an even, and thin, wall thickness using a simple gauge. I will use a variety of chisels and sanding options to get a good finish. Options to finish the base of this fragile work will also be shown.

I will use a micro motor machine to embellish the piece and will discuss the many options this has, such as easy burr change, lack of vibration and quiet running, which are better than other machines.

We will consider the carving and embellishing options for this form and the range of burrs needed to achieve the desired outcome.



Wood Requirements

100mm square and 120mm thick. Sound straight grain timber.

Demo 5 Turn an Open Form

Turn an open form with even wall thickness. Demonstrate the use of the bowl gouge and the range of different cuts that can be achieved with this versatile tool when it is sharpened correctly, to rough down the outside shape and make the spigot for the chuck.



Place the part turned shape in the chuck, check to make sure it's still running true re-turn if not, remove the material from the inside using the bowl gouge leaving the tailstock in position for as long as possible. Friction drive chucks as a finishing option.

Drawing the fire forms on the form. How to create movement.

I will describe the best tools to use to achieve the various embellishments either the Dremel, Air tool, or Micro motor and the advantages of each. Demonstrate the range of burrs required to carve the fire forms, the use of rifflers, sanding options hand and power.

Wood requirements

200mm – 300mm dia x 50mm – 75mm thick. Sound, straight grain timber.

Day Class

This will be 9:00am to 4:00pm. A full size lathe for each student. Maximum 12 students.

The class will choose one of demonstrations 1, 2 or 4 to make during their class. All students will make the same item. More details on tool and wood requirements will be distributed to participants.

Tool suggestions for classes. We will work with the tools students bring, this is not a shopping list. Bowl gouge, small to medium; Spindle gouge, small to medium; Round nose scraper, 12 – 25mm wide; Skew Chisel, 13 – 25mm wide; Parting Tool; Super glue, sanding grits, power sanding (drill) with Velcro sanding pad. For embellishment: Pencil and eraser. Dremel/ Micro Motor/ Air Tool (any one of these will suffice) with the provision to hold a 3/32 and 1/8 bur. The array of burrs required varies with the project chosen and sets will be available from Timberly Woodturning.



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