



GLENN LUCAS

New Zealand Tour
27 March to 12 April 2017

Organised by the National Association of Woodworkers

The National Association of Woodworkers has arranged for Glenn Lucas, from Flanders Cross, Garryhill, Bagenalstown, Co. Carlow, Ireland, to visit New Zealand from 27 March to 12 April 2017.

Glenn is an excellent woodturner, great demonstrator, and superb entertainer. If you need confirmation of that ask anybody who attended his demonstrations at the 2012 New Zealand Symposium. Or, just have a look at his website <http://glennlucaswoodturning.com/> and view the pictures and video clips there.

The plan for this tour is for Glenn to arrive in Queenstown 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 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 Glenn is at the club.

		NAW members	Non-NAW
		Pay	Pay
Evening	One demo subject	\$25	\$35
Half day	Two demo subjects	\$30	\$40
Long afternoon (3 demo)		\$35	\$65
Day demo	Three demo subjects	\$35	\$65
Day class	One subject	\$75	\$120

The only person who can be present and not pay is a 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 Glenn makes and include the return for that raffle in the payment to the NAW.

Demo 1 Dublin Viking thin wall bowl.

I will make a thin wall bowl based on an eleventh century Viking bowl discovered recently in Dublin, Ireland.

Thin wall bowl turning can really help to perfect the techniques which are useful in all aspect of turning. In this demo we will take a look at selecting the right tools for the job and then mastering the cuts. From quickly rough shaping a dry bowl to achieving a smooth surface and fluid curves straight from the bowl gouge. Negative Rake scrapers will also be discussed and their benefits. Keeping vibration to a minimum will also play a key part.

Wood requirements

Qty: 2 bowl blanks 8" dia x 4" deep. Wood: Ash, Walnut, Cherry or similar with straight grain.



Demo 2 Traditional Irish platter

In this demo I will show how to make a platter based on one discovered in an archaeological excavation at a castle in Co. Limerick, Ireland.



Using basic tools I will show how to get flowing curves and bead details. The use and sharpening of negative rake scrapers will also be discussed. I will show the techniques of wet sanding as this is a very efficient way to sand, creating no dust and a beautiful finish in no time.

Wood requirements

Dry wood. Qty 2 blanks 12" x 1½" deep in either Ash, Cherry or Walnut straight grain.

Demo 3. The Utility Bowl

This demo takes a look at each task involved in making a salad bowl from choice of tools, selection of material to applying the final finish. This is a fast paced demo with lots of information on making the perfect bowl. I will share 26 years of experience in bowl production using my own unique approach.

Wood requirements

Unseasoned wood such as Ash, Walnut, Cherry. Qty 2 bowl blanks 12" dia x 5" deep bandsawn.



Demo 4 Sharpening made easy

Sharpening is often considered one of the most challenging aspects of woodturning. However it can be quickly mastered using a sharpening jig and a few simple steps. We will have a look at reshaping new tools and repairing a damaged cutting edge. When the tools are sharp we can take a closer look at how the different bevel angles affects how the tools function and also how the flute shape affects the cut and sharpening experience. Negative rake scrapers will also be discussed.

Demo 5 Square edge bowl turning.

Square edge bowl turning is a great progression on from natural edge turning. There are many challenges to consider from safety, design, break out or chipping of wood on the corners. There is an easy way to turn these challenging pieces which has helped me in the past to make some large scale pieces measuring up to 60cm square.

Wood requirements

Dry wood free from defects 10" x 10" x 2" in medium density hard wood.



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 the demonstration items to make during their class. All students will make the same item.

Tool suggestions for classes.

Please note that we will work with what tools students bring along and this is not a shopping list.

13mm bowl gouge.

16mm bowl gouge.

Flat sided skew chisel. 19mm to 25mm wide is good.

Selection of scrapers. French curve and round nose.

Chuck with a selection of dovetail Jaws 50mm -75mm, Bowl reversing Jaw plates.

Faceplates or adequate screw chuck.

Extra bench grinders or tormeks.

Tool requirements for all demonstrations.

Lathe preference – Whatever you have but the bigger the better.

I really need two 5” Vicmarc chucks one fitted with the standard 68mm Jaws and one with 105mm dovetail jaws. These are the same sizes as the Nova 50mm and 100mm.

Two face plates approx 100mm – 150mm in size.

Cordless screw driver + 5 x 40mm screws and 5 x 30mm screws.

Flip chart or black/white board for drawings.

Light for the lathe.

Cloth backed sandpaper Grits 120, 180, 220,320

Mineral oil (Ondina) or similar.

Cloth for applying oil + paper cup for oil.

Sharpening system Tormek T7 if possible.

High speed grinder with Oneway Wolverine or Woodcut Trugrind and adjustable toolrest.

Diamond wheel dresser for the grinder.

Wood requirement.

All wood must be free from any defects such as cracks, knots, bark inclusions. I will work with what wood is available in New Zealand but medium density hardwoods works well for my projects. Bandsaw bowl blanks to round.

TV monitor for the audience to see the work as it progresses and I would like to show just a few images with my ipad. I have all the computer connections.

A List of Wood Densities as an indicator of Hardness

Common Name	Scientific Name	Locale	Density (Kg/m3)
Oak, live	Quercus virginiana	Southeastern United States	1000
Puriri	Vitex lucens	New Zealand	900
Pohutukawa	Metrosideros excelsa	New Zealand	880
Tawa	Beilschmiedia tawa	New Zealand	720
Maple, hard	Acer saccharum	Northeastern North America	705
Ash	Fraxinus excelsior	Europe and southwestern Asia	680
Yew	Taxus baccata	Europe, Southwest Asia	675
Walnut, European	Juglans regia	Eastern Europe and western Asia	640
Matai	Prumnopitys taxifolia	New Zealand	610
Cherry, Sweet	Prunus avium	Europe and Asia	600
Rimu	Dacrydium cupressinum	New Zealand	595
Kauri	Agathis australis	New Zealand	560
Cherry, Black	Prunus serotina	Eastern North America	560

This table shows that the wood Glenn would like to use is between tawa and kauri. If you have other woods which may be good please consult with Dick Veitch to determine suitability.

Glenn Lucas Tour Schedule

	Travel	Location	Contact	Phone	Activity
Monday, 27 March 2017	Brisbane - Queenstown Virgin 116 arr 15.55				
	To Gore. 2hr drive	Gore Club	Bob Morrison	03 208 7706	Demo evening. Traditional Irish Platter
Tuesday, 28 March 2017	To Dunedin. 1:50 drive	Otago Club	Leah Jelgersma	03 453 1174	Afternoon 1-4pm Utility Bowl and Square edge bowl turning. Evening: Traditional Irish Platter
Wednesday, 29 March 2017	To Timaru. 2:26 drive	Timaru Club	Ray Smith	03 688 3285	1 -4 pm Sharpening Made Easy and Square Edge Bowl evening Dublin Viking Thin Wall Bowl
Thursday, 30 March 2017	To Christchurch. 2:11 drive	North Canterbury	Noel Graham	03 349 8976	1 -4 pm Sharpening Made Easy and Square Edge Bowl evening Dublin Viking Thin Wall Bowl
Friday, 31 March 2017	Fly to Nelson. NZ8842 dep 8:45am arr 9:40am	Nelson Club	Ross Woodhouse	03 547 6331	Late afternoon 4 to 6 Square edge bowl and evening 7 to 9pm Viking thin wall bowl
Saturday, 1 April 2017	Fly to Palm N. NZ8843/ NZ5180 Dep 8:05am arr 10:50am	Manawatu Club	Ian Culver	022 638 9988	Long afternoon 1 to 7 Traditional Irish Platter, Square edge bowl, Utility bowl
Sunday, 2 April 2017	To Napier. 2:15 drive	Hawkes Bay Club	Mark von Dadelszen	06 877 8174	Afternoon 1 to 4 Dublin Viking thin wall bowl and Square Edge Bowl
Monday, 3 April 2017		Hawkes Bay Club			Masterclass
Tuesday, 4 April 2017	To Rotorua. 2:43 drive. Meet G Addison Taupo	Geyserland Club	Jon Parker	07 347 6365	Afternoon 2 to 5 Utility Bowl and Dublin Viking Thin Wall Bowl, evening Square Edge Bowl
Wednesday, 5 April 2017	To Tauranga with Geoff. 56min drive	Tauranga Club	Doug St George	07 573 8399	All day. Dublin Viking thin wall bowl, Traditional Irish platter, Square edge bowl turning.
Thursday, 6 April 2017	To Hamilton with Geoff. 1:21 drive	Waikato Club	Ian Gunn	07 856 4506	Afternoon 1 to 4pm. Square edge bowl turning and Sharpening made easy.
	To S Auckland after demo	Hamilton Club	Murray Price	027 488 9432	Evening demo Dublin Viking thin wall bowl
Friday, 7 April 2017	To South Auckland. 1:34 drive	South Auckland Club	Dick Veitch	09 298 5775	Masterclass
Saturday, 8 April 2017		South Auckland Club			Full day demo. Square edge bowl, Dublin Viking thin wall bowl, Sharpening made easy.
Sunday, 9 April 2017	To North Shore this afternoon.	Auckland			Judge Royal Easter Show
Monday, 10 April 2017		North Shore Club	Trefor Roberts	09 475 9307	Full day demo. Dublin Viking thin wall bowl, Square edge bowl turning, Traditional Irish Platter.
Tuesday, 11 April 2017	To Whangarei. 2:21 drive	Northland Club	Jim Maloney	09 434 0047	Afternoon Dublin Viking thin wall bowl, Traditional Irish platter and evening Square edge bowl turning.
Wednesday, 12 April 2017	To Auckland. Report 13:05 Dep NZ 16:05				