

LEN NICHOLLS

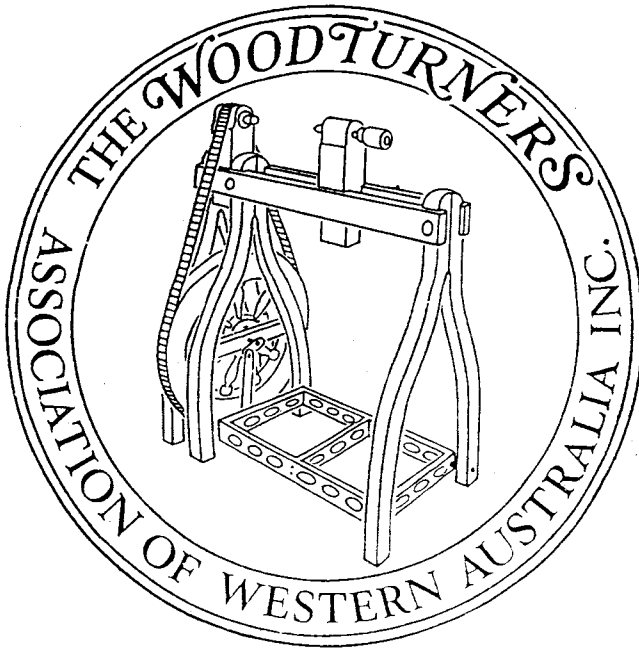
The Official Newsletter of the

# THE WOODTURNERS

ASSOCIATION OF WESTERN AUSTRALIA INC.

NO: 32

FEB/MAR. 1991.



REGISTERED BY AUSTRALIA POST. PUBLICATION N° WBG 1883

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09 4482632

## ASSOCIATION WEEKEND CALENDAR:

**DATE:**

February 16-17  
March 16th - 17th  
April 20th - 21st  
May 18th - 21st

**VENUE:**

Brunswick  
Leederville  
Rockingham  
Mandurah

**COMPETITION:**

Anything turned from wood 70 x 70 x 300 mm  
Candlestick Holder to strict dimensions  
Natural edged Bowl - Beginners max. 250mm dia.  
Table Lamp

A reminder for Brunswick - have you booked your accommodation?

Caravan Park and Brunswick Tavern both 097 261032

Leschenault Inlet Caravan Park 09 97195

Wagon Wheels Motel Harvey 097 291408

## PRESIDENT'S REPORT:

In looking back at the Associations activities during 1990 one cannot be anything but impressed with all that has been accomplished. One of the outstanding features has been the many and varied demonstrations so capably carried out by so many of our members.

One of the aims of the Association is to promote the Craft of Woodturning and what better start do we have when so many of our talented members are so prepared to help their fellow members. I am sure that when the Association was formed we did not envisage the support and involvement we would receive from the ladies. Not only have they assisted in the running of the monthly meetings, but they too have participated in a number of demonstrations and mini workshops which have, I am sure, introduced them to a variety of crafts and hobbies. A sincere thank you to all who have helped with this part of our programme.

During the year we were privileged to welcome a number of guest speakers each of whom gave us further food for thought in the relationship of their field of expertise and our chosen craft. A highlight in this respect was of course the visit to The West by Stephen Hughes from Victoria. Stephen spent 3 very busy days with us and left us with a lot of ideas. His influence has already been seen by ideas incorporated in work by some members. Shopping Centre Displays, Demonstrations and Sales continue to be a successful promotion of our craft and congratulations to all involved in this aspect of the programme.

Attendances at monthly, weekend meetings have continued to improve over the comparative meetings in previous years, and it was a good to see the number who were able to attend our Xmas Meeting. Also congratulations to not only those who received awards for their efforts during the preceding year but to all who assisted in making it an enjoyable day.

Probably one of the disappointing aspects this past year has been the drop of support for the monthly competition. Thank you to those who have made the effort each month to support this important part of the programme. Changes to the Competition format have been made and a close watch will be made to continue to encourage participation.

What of 1991 Your Committee of Management are very aware of the need to maintain the standards already set. The more important aspect though is that the success or failure depends largely on the participation of members. Lets make 1991 the best year yet.

Cyril

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### GUESS THE WOOD COMPETITION. J. CROFT:

#### BROOKTON

Mistletoe grown on a Marri Tree  
Age unknown  
Finish Mirotone 885-60  
Found on Forest floor turned by  
Alex Meldrum of the Midvale Group  
No winner

#### BELMONT:

Boobiella  
Age unknown approx 30 years  
Finish sanding sealer  
Turned by Elaine Boyd  
Winner Maisie Coutts

Jon Croft, who has taken over the running of this interesting project, is in need of items. Please contact Jon on 09 5278048 if you can help.

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Owing to the increasing costs of rental and other expenses to accommodate our weekend workshops your Management Committee has advised that as from the next workshop weekend at Brunswick February 16th attending Association members fee will be \$3.00 Associates will remain at \$1.00.

## BELMONT DECEMBER 8TH 1990

Another enjoyable day, activities everywhere. Lathes running hot with dibble and top competitions going all day, ending in a "Who spins the best top" competition, which delighted everyone. The hand made toys were exquisite, just one little embarrassment, one of the Rocking Horses disgraced itself !!

Also the Ladies Display was beautiful, we have some very talented folk in our group. The Ladies Exhibition winner was May Mitchell with a hand engraved picture, congratulations it was lovely. Steve Makin once again demonstrated his expertise with the Pyrogun! Beautiful work. The Association showed their appreciation for his help during the year by presenting him with two lovely bowls.

The year point winners are as follows: -

Novice	1st	Elaine Boyd
	2nd	Jim Robertson
	3rd	Pat Troun-
Open	1st	Keith McQueen
	2nd	Jim Sharp
	3rd	Tom Warburton
Advanced	1st	Keith Seaman
	2nd	Ian Nicholls
	3rd	Bill Botman

The Best Thing for the year:

1st	Brian Launer
2nd	Gordon Ward
3rd	Ken Rex

Congratulations to you all.

Also Roy Lundy won the best top of the day and Keith Seaman's dibble was the best. The day ended with an enthralling display of Marrionettes by Peter Hartland. He certainly showed us that not only children enjoy these little people.

Our men folk may be very clever at turning wood but as for gate-breaking "hopeless" even had the police wondering!

Happy New Year everyone

Coralie

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### NEWSLETTERS RECEIVED FROM KINDRED ORGANISATIONS:

S.A. Wood Group November 1990

Woodturners Society Queensland November 1990

Sydney Woodturners Guild November 1990

Woodturners of the Hunter Valley Nov/Dec. 1990

Dubbo Woodturning and Woodcraft Club December 1990

Central Coast Woodturners Co-op November 1990

Forest Hill Woodturners December 1990

Woodcraft Guild of Tasmania December-February 1990/91

Woodturners of the Goulburn Valley November 1990

To all Groups, Clubs, Associations and Editors we West Aussies send you the Seasons Greetings and may 1991 be all that you could wish.

Please change our mailing address to:-

Editor Geoff Barkla, P.O. Box 115, KALAMUNDA WA 6076

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## WORKSHOP MEETING:

February 16th & 17th at TOM PEARSON PAVILION BRUNSWICK SHOW GROUNDS. Starts 9.00 a.m, SATURDAY.

The usual 'hands on' and demos plus mini lathes (anyone able to bring one along will be most welcome)

Demo: Marrison System of ring cutting by John Shinnick  
Demo: of the new Constanta organic finish by John Shinnick  
Demo: Spraying laquer finishes by Brian Launer

John Lathwell will be available to print our Logo on Aprons and Tee Shirts.  
Demos for Ladies, Easy Punch embroidery Saturday 11 am, using hand held machine which walks across the cloth ( really worth seeing says John Shinnick)

Saturday 1 pm Visit to Deer, Trout and Marron Farm Wokalup, 2 hours approx. Tea Saturday evening. On again - 'Beef on Spit' and salads \$6.00 per head at Brunswick Tavern. Please pay for seats Saturday morning at registration table.

Accommodation: Brunswick Tavern: Phone: 097 261032 Cost per night \$30 per double \$40 twin. Single \$20 Breakfast \$7.50

Brunswick Caravan Park same phone 097 261032 \$8 head (powered and unpowered sites)

Leschenault Inlet Caravan Park Phone 097 97195 \$9 per head less discount.

Scenic Drive Australind Wagon Wheels Motel Phone 097 291408 - Harvey \$40 single \$50 double

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### ANOTHER SAFETY WARNING:

An acquaintance of mine recently introduced to the art of Woodturning was telling me a sad story of how an old file he was using to shape a piece of wood decided to reshape his stomach rather than the wood.

So on reading the article below, taken from The Sydney Woodturners Guild Inc. Newsletter, I thought it appropriate to reproduce it here.

#### USING OLD FILES FOR SCRAPERS:

The vexed question of regrinding old files and using them as scrapers, is debated from time to time without any total agreement being reached on the subject. Undoubtedly the best advice is DON'T, unless you have the equipment and knowhow to heat treat them, so that the metal becomes tougher and more elastic at a slight cost in hardness. However, as there are large numbers of files being used as scrapers out there in woodturning land and almost every book on Woodturning mentions their use, it is unlikely that the practice will cease in the short term.

A little metalurgical theory, as applies to carbon steel (high speed steel is treated somewhat differently) may help with the understanding of why files differ from correctly manufactured turning tools. After a steel tool, be it a file or a skew chisel, is shaped, it is **HARDENED** by heating to a temperature somewhat around cherry red and then quenching quickly in water or oil. This causes the steel to become extremely hard but very brittle.

Steel in this State is of little use, so the best treatment of all tools is taken a step further by a process called **TEMPERING**. This involves a further modest re-heat according to a temperature scale known to produce the required degree of hardness and then quenching. Tempering reduces the hardness somewhat, but at the same time restores a degree of toughness and elasticity to the tool. There is a type of equation in this process which says that: **THE HARDER THE FINISHED TOOL THE MORE BRITTLE IT WILL BE**. Now files must be very hard to carry out their function of shaping metal and the price paid for this in terms of the equation is that they must, of necessity, be brittle rather than tough. Files are manufactured from steel with a high carbon content (about 1.5%) and this adds to their hardness and brittleness.

In a situation of great stress (e.g. a bad dig in) a correctly manufactured scraper will bend, whereas a tool made from an old file will snap suddenly and may even 'explode' into several pieces ....**VERY NASTY!**

There are some precautions you can take to **MINIMISE BUT NOT ELIMINATE** the dangers from file scrapers.

1. Constantly bear in mind that a scraper made from a file is not a proper turning tool and treat it carefully.
2. Limit work done with a file scraper to light finishing cuts and careful wood removal where no other tool can be used.
3. Keep the scraper very sharp and the tool rest close in.
4. Let the scraper trail by keeping the handle slightly above the level of the tool rest.
5. Use only thick files, preferably about 8mm thick (5/16") but certainly nothing less than 6mm (1/4")
6. Always have at least one tool steel scraper on hand (preferably high speed steel) to use for any heavy scraping and where a long overhaul is unavoidable.

If anyone has any doubts about the above article I am sure Gordon Ward who has done a number of articles on tempering would be only too happy to answer your questions.

Geoff.

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### GROUP ACTIVITY

Since its inception the Association has continued to prosper to today's membership of 600 active members. Most of this prosperity and expansion is directly attributable to the steady development of sponsored workshops and the formation of a number of working groups in metropolitan and country districts.

The Association continues to encourage the groups to provide an alternative meeting place for members who are unable to attend the normal monthly meetings, no matter the reason. There is no hard and fast procedure and each group has its own style of promoting the charter of the Association and keeping the membership informed of the various Association activities.

Membership of any Group is restricted to financial members of The Association.

Each year the Committee of Management appoints one of its members to be responsible for the co-ordination of the existing groups, to encourage and advise members contemplating the formation of new groups and when needed, generally assist in group activities. This responsibility is currently being undertaken by Bob Richards, who is working his way around the various meetings to meet the membership.

If you are contemplating a new group, Bob would like to hear from you on (09) 341 3235. You will get his full co-operation.

There is a basic criteria for setting up a new group. Today, those now boasting attendances of up to 60 persons per meeting, had humble beginnings - no money and the prospect of receiving not much more from the Association. In common, each had an enthusiastic convenor, who planned interesting demonstrations and saw the potential in holding open demonstrations in shopping centres and the like, which resulted in increased group attendances by old members and the introduction of new members.

Appearing in the June 1990 issue of the "WOODTURNERS" newsletter are the guidelines drawn up by the Committee of Management for the formation of new groups. For those being contemplated in remote areas, a sympathetic ear will be given to alternative conditions where the Committee considers the original conditions cannot genuinely be met and such conditions deprive individual members of the benefits of the Association.

The following are some of the benefits to be gained when working as a group: -

- \* Availability of experienced instructors to demonstrate (where practical) at your group meeting.

- \* Access to a library of videos by renowned local and international woodturners.
- \* Association arranged weekend workshops in your district to improve turning proficiency and attract new members to your group.
- \* Personal insurance cover while attending and travelling to and from meetings.
- \* A sense of being a vital part of a highly reputable and a nationally recognised organisation.

Become a regular attender of your group and Association monthly meetings and reap the true benefits of your membership.

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### REASONS OR EXCUSES:

A note from Membership Secretary Cheryl containing a number of reasons for late payment of dues has tickled her sense of humour and I must confess mine too!

The one that got me was 'I read the Newsletter from cover to cover and its never been in the Newsletter'

Page 1 of No. 31 December & Page 9 No. 30 October spell it out. Just further proof that I have often wondered what does get read, but the one I liked was Cheryl's comments 'no-one has claimed pregnancy yet' as an excuse for not renewing their membership subs.

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### WEEKEND CENTRAL SOUTHERN HELD AT BROOKTON NOVEMBER 17TH & 18TH 1990.

Brookton congratulations a wonderful effort thoroughly enjoyed by all. 144 Woodies, wives and friends registered on the Saturday but unfortunately a lot went home Saturday evening leaving a much smaller but happy group Sunday.

The women had a choice of "Corn Dolly Making" "pottery" and a lovely bus trip around the District which was so well supported another bus had to be recruited.

It was good to see both Brookton and "the regulars" working as a team in the kitchen. Once again a marvellous job ladies, especially the evening meal finished with Bob's ice cream!

What a surprise to see the great standard of work put on by the combined effort of the Brookton Turners in the Show and Tell display. Look out the rest of you Woodies!

There were some interesting and different egg cups in the Competition, well done all of you.

Here are the results: -

Novice	1st Dennis Byett	2nd Burt Simmons	3rd Allan Bowring
Open	1st John Croft	2nd Jim Sharpe	3rd Bob Richards
Advanced	Only two participants		

Once again thanks for a great weekend Brookton.

One V.I.P. was missing (Thora please be at the next weekend, I for one did miss you)  
Coralie (Fill in scribe)

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### FROM THE EDITOR:

As I jiggle the various bits and pieces of items for our No. 32 Newsletter I am very conscious of the contributions being made to make my life somewhat easier. First I wish to say thank you to our "fill in scribe" Coralie for her report on Brookton and once again when she suddenly found she was 'it' for our Xmas meeting. Secretary Nancy fortunately had taken notes. Thank you both it is comforting to know one has reserves of reporting staff. At the same time we welcome back with some anticipating Thora who has been on some sort of leave of absence.

Another interesting point came to my notice that we are being taken over by ladies, well I guess we have always known and hoped that this was so, but take a look at the prize winners for the year.

Novice 1st and 3rd - Ladies.

Seriously I have appreciated the fact that material has come forward, a lot voluntarily, and the rest with only a few (not more than 10) phone calls. Thank you all for being co-operative.

Cheers Geoff

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**MARCH 1991 WORKSHOP PROGRAMME AT LEEDERVILLE BY MELVILLE GROUP.  
SATURDAY 16TH MARCH 1991.**

9am to 10am	Registration and fellowship. Hands on
10am to 10.30am	Morning tea
10.30am to 11.15am	Demonstration. Use of spray gun equipment
11.15am to 12 noon	Hands on and tool sharpening
12 noon to 1 pm	<b>LUNCH</b>
1pm to 2 pm	Demonstration. Router and lathe Work combination
2pm to 3 pm	Demonstration. Peppermil and mushroom turning
3pm to 3.30pm	<b>AFTERNOON TEA.</b> Candlestick competition voting closes at 3.30 pm
3.30pm to 3.45pm	President's forum
3.45pm to 4.45pm	Show and Tell, including turning accessories made by members.
4.45pm to 5.00pm	Voting results of candlestick competition. Door prize.
6.00pm	<b>BARBECUE B.Y.O. BARBECUE SUPPLIED</b>
7.30pm	<b>BINGO NIGHT</b>

**LADIES PROGRAMME:**

10.30am to 12 noon	Talk on Kings Park Guides and film show "Salute to Kings Park" given by Mr. Mack Searle. This is a must for nature lovers.
1.30pm to 3 pm	"Applied Fabric Painting" by Mrs. Terry Britton of 'Tessa Fabrics'.

**SUNDAY 27TH MARCH 1991.**

9.15am to 10am	Hands on and tool sharpening.
10am to 10.30am	<b>MORNING TEA</b>
10.30am to 11.15	Arbortech Demonstration
11.15 to 12 noon	Making the R.M.Guthrie Weather Station. Ref Dec. '89 Aust. Woodworker.
12 noon to 1.pm	<b>LUNCH</b>
1pm to 2.pm	Swap meet for any surplus tools or accessories. Hands on.
2pm	Judging of the weekend bud vase competition
2.30 to 3 pm	Clean up and loading of trailers.

**LADIES PROGRAMME**

10.30am to 12 noon	"Keeping Budgerigars" by Mr. Mervyn Britton. For bird lovers.
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**WEEKEND COMPETITIONS:**

Entries for the main Candlestick Holder competition close at 12 noon on Saturday. Voting for this competition closes at 3.30pm on SATURDAY. Winners announced at 5 pm. The minor competition is turning a small bud vase to specifications, off tool finish. Time allowed 20 minutes. Competition closes at 2pm SUNDAY

Bring your own tools for turning or sharpening if desired. NOTE; Three sets of tools are available.

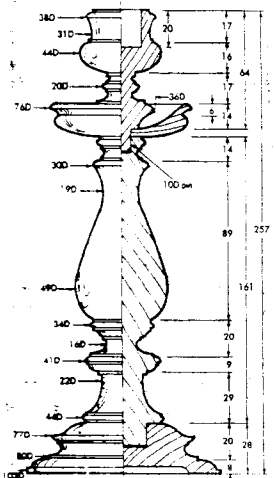
Bring along any aids to turning that you may have made for your own use, and may be of interest to other members. These items will be discussed during Show and Tell, Saturday.

A swap meet for surplus tools will be held on SUNDAY after lunch.

A trade representative will be present on Saturday.

**FOR SALE:**

Tough Tailstock unit complete (not camlock) \$150.00  
Tough Hollow Boring Tailstock Unit \$85.00  
Enquiries to John Mercer 390 9779



Dimensions of March competition Candle Stick



We have repeated the Article below because Item IV was omitted from page 10 of No. 31 issue.

**Weekend Workshop/Meeting**  
**COMPETITION RULES**  
Commencing January to December 1991  
**THREE CLASSES**

1. Beginner Intermediate Open
  2. First prize vouchers for monthly winners to value of:-

Beginners	Intermediate	Open
\$10	\$15	\$30
  3. Competition points awarded each month

2 points for each entry	-	all classes
3 points for winning	-	all classes
2 points for second	-	all classes
1 point for third	-	all classes
  4. Points accumulated in the three classes throughout the year.  
The highest point score in each class winning a prize in December
  5. Any turner in the Beginner or Intermediate Class gaining more than 9 winning points in any one competition year is excluded from entry to that or any lower class thereafter.
  6. Turners qualifying from competitions prior to 1991.  
If you have previously won a place in past years competitions in any of the 'old' classes ie:- Novice, Open or Advanced you must now enter in either Intermediate or Open
  7. Open Class only Entry fee is \$1.00 which goes toward the Annual prize
- Class Qualification**
8. Open Class For the Turner who feels his work is of sufficiently high standard to compete with peers in open competition.
  9. Intermediate. For the turner who feels he is not yet competent or ready to enter open competition, but has passed the stage where he can be reasonably considered a beginner.
  10. Beginner For the beginner turner to compete and compare his work with other new turners, and to have his work appraised by a wide cross section of fellow turners.
  11. Only one entry per member per month accepted.

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**John Wallace writes to The Editor:**

I notice that some of our members are going around the Twist?? about Spinning Tops. This is good stuff and quite fascinating, especially for kids between the ages of 2 and 92. Some years ago I tried to find out 'why does the axis of a spinning top return to the vertical if it is physically disturbed? ie: pushed over. I asked this question of many people, I found the reason for the peculiarity from Albert Scott who was employed by Clough Engineering.

**Example:**



A. Normal



B. Disturbed will soon restore to A.

Some of our members may be interested in this phenomenon. Hence this poser.

Answers next newsletter, All approaches to John, Cloughs, or Gyro Engineers will be banned  
Editor

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At our November meeting at Brookton, I was slotted in to give a further talk on Basic Costing because we had something like 80-90 new members since my earlier talk on the subject. This time we indulged in a question and answer session during the talk and from this came a request that my article published sometime ago and copied a number of times in kindred newsletters in the East, should be repeated. I must point out that Basic Costings is just that. One article I read commenting on Basic Costings went to some lengths to argue that retailers mark up all sorts of percentages. I guess we are well aware of that, all I am doing is to show 'What is Fair' to our members. If one feels one should mark up for retail 50 - 100% that is up to him or from costs 30-50% that is entirely up to you, all I am trying to point out is that you get a fair and equitable total cost.

GEOFF

## WHAT IS FAIR BASIC COSTINGS FOR THE NON-PROFESSIONAL

The purpose of this article is an endeavour to set out in simple terms for turners and other craft people who operate in general as hobbyists, a basic form of costings that should be taken into consideration whenever dealing outside their immediate family so that a FAIR price is offered.  
**FAIR Who to?**

- A. Yourself      B. Your customer      C. Your Association mates      D. Craft shops

So what is Fair?

It needs to be based on some "Basic facts"

1. Material contents    2. Labour    3. Overheads    4. Plus a margin to Wholesale

5. Plus a mark up to Retail

Materials.

A. Timber-it costs! even if someone gives it to you.

An easy way to arrive at some semblance of a fair price, work on around \$1.50 to \$2.50 per kilo, weigh it on the bathroom scales. Of course special purpose burls and exotics are what you pay for them. Sandalwood whilst it has a high price per kilo is not expensive if you return clean sawdust, no bark or foreign material, to the authorised supplier who will credit you, this means in actual fact, you are only paying for the Sandalwood in your piece of work.

B. End seal - sanding materials - sanding seal — finishes — shellac — lacquer wax — steelwood fittings — electrics for lamp base — mechanisms for Pepper Mills, Clocks, etc., in fact any material which goes to producing a product.

LABOUR 'Each is worthy of his hire'

Be realistic! why should you donate your labour to the general public?

Use a basic \$10 \$15 \$20 per hour for a hobbyist. Your labour covers the following times. Getting materials - preparing it - finishing it off - selling it. Remember we are talking about supplying the general public be it via a Shopping Centre, Craft Shops or direct - whether you only 'turn' on demand full or part time or whatever, the goods you produce still have a labour content.

As a general guide allow not only the actual time to produce the item but also allow for 'get ready time' checking equipment, sharpening etc and then finishing up (cleaning up) time. So an average item takes 1 hour to turn

Get ready	15 minutes
Turning	60 minutes
Spraying finishing	30 minutes
Cleanup	15 minutes
Total:	120 minutes = 2 hours labour

Overheads - Usually covers all those items you don't think about too much and often don't know where to fit them in, but they arrive as a bit of a shock when the bill comes in i.e. telephone Account. Power and light ( your share). Purchases, equipment-gouges, etc., repairs and replacements - insurance vehicle costs, picking up and delivering.

The best way to handle this is to allocate a cost per item in relation to its cost, small items like bud vases, goblets, peppermills add 50c. to \$1.00 per item, small bowls \$1.00 to \$1.50 medium bowls, vases \$1.50 to \$2.00 Table lamps \$2.00 to \$3.00 30cm bowls \$3.00 to \$5.00 or use a percent cost of materials and labour to cover OVERHEADS

Cover all your costs no freebies Total Costs

Plus your mark up?

This covers such things as your responsibilities for

- A. Your guarantee  
B. Income Tax  
C. Margin to purchase improvements and range to your equipment

So your Wholesale price should be Total costs plus your margin 20-30%

As an example let us use a 30cm x 3cm Jarrah Bowl  
2.5kilo @ \$2.00 kilo

Labour	Get ready	15 minutes						
	Turning	75 minutes						
	Finishing	45 minutes						
	Cleanup	15 minutes						
		150 minutes	2 1/2 hours	at \$12.00 per hour				
Timber materials	Labour...	O/Heads:	Total:	Mark-up:	W/Sale:	Retail:	Total:	
\$5.00	\$3.00	\$30.00	\$2.00	\$40.00	\$10.00	\$50.00	\$20.00	\$70.00

Note: Mark up from cost + 25%  
Mark up for retail + 40%

In our October No. 30 Newsletter page 2, I made reference to a presentation of 3 sets of 5 High Speed turning tools presented by Mr. Bronte Edwards G.M., of Woodfast, Adelaide. These magnificent tools arrived safely and Ralph Smith kindly made 3 transport boxes with sliding lids he also colour coded each set and the sets have been in pretty regular use since we got them into service.

Further to Mr. Edward's visit he offered, and your Executive Committee accepted his offer of supplying to the Association a New Woodfast lathe Model M408H on loan for 6 months. This machine has been here for several weeks. It is unique in the W.A., Woodfast range in as much that as far as is known this is the first of this particular model here and because of its many attributes Bronte Edwards and his Sales Manager are keen to expose it to members. As I write Jim Clarke is fitting it with transport wheels so that the lathe can be circulated to groups and also available at each Association Weekend Workshop. It is expected Bob Richards will control its movements so that all can have a go. An ideal Bowl lathe! Hopefully by the time you read this you will have seen and tried it at our January Meeting.

GEOFF

**OBITUARY:**

We have been advised that W.A.W.A. member Ron Lancaster passed away 4th January 1991. We express our sympathy to his family.

**LETTER FROM MARK VERSLUIS (MEMBER 800)**

Dear Geoff,

Just a couple of things that I wanted to say. Firstly I would like to place an ad. in the for Sale Section

**FOR SALE:**

Blackboy, red and yellow tingle and sheoak on a continuous basis. Phone: 337 6706

The Christmas wind-up of W.A.W.A. held in the Tough premises at Belmont was a very well organised and enjoyable day but one thing bothered me. Being a new member I could not understand during the days competition even with a safety advisor present NO-ONE was wearing either safety glasses or shield. It was a windy day with dust and shavings blowing all over the place. This is not only a dangerous practice, but one the Association should not allow at its functions.

MARK VERSLUIS.

**DR. GEORGE'S PRESCRIPTION FOR GOOD WOODTURNING DESIGNS:**

Start with a base of **UTILITY REQUIREMENTS**

i.e. the article must fulfil its purpose.

Add equal amounts of **KNOWLEDGE OF THE MATERIAL**. The designer should have a working knowledge of the material being used, i.e. will it shrink, split, twist, be hard to work, or be strong enough?

**SOUND CONSTRUCTION**

The article has to have strength where stress will be applied, i.e. - small diameters, joints.

**FINAL APPEARANCE**

The article must be pleasing to the eye.

To these basic ingredients we have to inject quantities of the following considerations.

### THE ABILITY TO FIT THE SURROUNDINGS

ie style, type of material, colour, type of finish.

### DOMINANCE OF SPECIFIC AREAS

Attention may be drawn to specific areas by any of the following means:

1. exceptionally large or small diameters.
2. very plain or very detailed sections
3. fluting or reeding
4. carving.
5. the use of foreign materials
  - e.g. - metals (brass tube, bronze studs)
  - paint (gilded detail)
  - Leather or cloth.

### AN ATTRACTIVE OUTLINE (the ten commandments)

1. Timber shall not be skimped
2. Design units on vertical articles shall be unequal in length
3. Design units on horizontal articles shall be balanced (equal or unequal in length)
4. All shapes shall be full and well rounded.
5. The use of detail shall be used to a minimum on beautiful grained timbers.
6. All detail shall be sharp
7. Free hand curves shall be used (more pleasing than shapes based on mechanical instruments).
8. A theme may be used, but shall not be used to an extent of monotony
9. Straight lines shall be used to a minimum
10. Proportion of design units and diameters shall not be mechanical (easily analysed by the eye).

If this portion is used in the prescribed manner and does not give you a functional well constructed, beautifully designed article, come back and see me and we will try something else.

PS: Don't just sit there staring into space. Pull out your pencil, paper and eraser and start sketching. You'll be surprised at what you will design.

---

### SAFETY GUIDELINES.

The following are a few basic points which really only amount to commonsense, but if used, will help you work with safety.

M.C. to announce at the beginning of each meeting, where the First Aid box and the Fire Extinguisher are positioned.

KITCHEN: First thing to examine the electric hot water urns to see if the electric power cords are clear of the sides of the hot urns, and see if ALL cords are safe and in good condition.

ELECTRIC POWER CORDS: Power cords leading to portable machines must be heavy duty and in good condition at all times. Where possible, plugs and sockets should be clear plastic for easy inspection.

Power cords not to be positioned where people can walk on them causing shock damage to cables - use switches - do NOT pull plugs apart. Power cords not to go through windows at all, or through doorways. Earth leakage protection units to be placed directly under the power plug.

GRINDSTONES: Grindstones on stands or bench, to be bolted or cramped securely, to have safety covers properly secured to grindstone machines. Eye protection safety equipment to be used at all times when near the grindstones (tool sharpening demonstrations), and observers to be kept at safe distance, and wearing eye protection equipment i.e. (safety goggles, safety glasses, full face shield. Each individual to supply his or her own equipment, due to the possibility of infection. Gloves NOT to be worn when using grindstones. Fingers NOT to be past the front edge of the tool rest.

WIRE BUFFS: Wear full face shield, leather apron and gloves.

CLOTHING:

No loose or torn clothing

Good footwear (No thongs or bare feet)

Hair to be tied back  
Eye protection  
Dust mask  
Hearing protection

**FIRST AID:** First aid attendant at all workshop meetings - first aid box close at hand and kept complete at registration table.

**FIRE SAFETY:** All purpose fire extinguisher to be available in a convenient position at all meetings, and EVERYBODY at the meeting to be made aware of where the extinguisher is positioned.

**LATHES:**

Adequate number of people to lift machines  
Ensure use of earth leakage units  
Ensure safe use of extension leads  
Eye protection  
Guards and belt covers in place  
No loose clothing, ties, sleeves, coats, hair.  
Correct spindle speed - select and check prior to switch-on.  
NOT to make adjustments while running machine  
NO loose bark or split wood  
Suitable shoes  
Spectators to be at a safe distance from the machine  
NO skylarking on or around any of the machines

**SAFETY EQUIPMENT:**

All safety equipment must be kept in good condition at all times.

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EDGAR LEWIS is progressing well, he wishes to thank all those enquiring after his wellbeing and particularly Keith Johnson who so kindly loaned his mini lathe and tools so Edgar can keep his hand in. All the best old son from your W.A.W.A.mates and ladies.

---

**XMAS IN JULY LUNCHEON:  
SATURDAY 6TH JULY 1991  
HUSBANDS & WIVES OF W.A.W.A.  
VENUE AND PRICE TO BE DECIDE**

---

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---

**We have been advised that  
Gordon Weatherill passed away  
suddenly Monday 21st January  
1991. Association members  
express their sympathy to Betty &  
family**

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*Robert  
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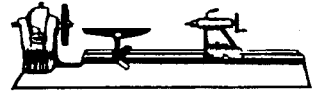
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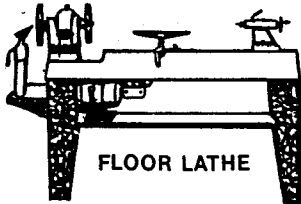
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