

OREGON WOOD WORKS

English or Metric? *Will I ever understand?*

THE EDITOR'S INSIGHT

Make some sawdust

Short article, no extra space. Watching the golden rays of the setting sun cascading down the living room wall last night, admiring some of the things I've built that grace our living area, got me to thinking. I've done a lot in life. Growing up choosing not to have children left a lot of time to "do things" instead. I'd like to think I've done about everything. But a little pondering and a second glass of wine started down the list of done's and not's.

I've never tried hang gliding, although the thought crossed my mind a lot years ago. Never bungee jumped, never wanted to. Never done a high dive, ouch. Can't snowboard—Some say it's easy, the kids. Others say it isn't.

Don't know how to sew although I'm a pretty good cook.

Bottom line, try something new. Hopefully for this column that will be some aspect of woodworking. Buy some expensive lumber.

Make some sawdust.

Is it better to do woodworking in English or Metric? This is somewhat of an "it depends" article. The question has been around since the tower of Babel caused us all to speak different languages. Language, which side of the road to drive, choice of religion, metric or English? Life is choices and there is usually no best answer.

Switching to metric, or even using it in conjunction with English, is like learning another language. But not really!

Learning French or Morse Code is a different language, that requires training the brain to internalize, to react to foreign sounds and relate them objects or actions etc. Metric measurements are still just numbers. Here's a big part of the problem. Perception.

We grow up with our country's system of units. I watch the high school

wood shop students struggle with eights of an inch. They look to the giant ruler on the wall, back to the table saw scale, back to the wall. They ask me to check their setting. Half the time it's wrong. There are so many lines on the rule, from thirty-seconds to full inches, six different lengths to separate them. Wow, it is confusing. But they learn how big 1/8 inch is, and then struggle the rest of their lives to convert it to 2mm or so.

Here are some differences

Fractions

English deals with fractions, in woodworking typically down to 1/32". Americans are traditionally weak in the use of fractions. Adding 1/4" to 4 1/16" to reset the saw becomes daunting.

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NEXT PROGRAM — THURSDAY DECEMBER 3 2015 6:00PM

GET YOUR HOLIDAY ON

Mt. Tabor Presbyterian Church, 5441 SE Belmont, Portland 97215

It's that time of year. It may not be snowing here but all of the other signs of the holiday are beginning to appear. It is the time of year we set aside our routine 'normalness' and celebrate. We give thanks at Thanksgiving and then begin our own special routine that celebrates the holidays.

For the Guild, that means thinking back on all that has been accomplished in the past year and being thankful for the opportunity to be part of this great organization. It also means circling December 3 on your calendar, the night of our annual Holiday Party.

Why should I go? Good question. We all know that the Guild helps us with our woodworking knowledge and skills...and participates in valuable community projects. It is also, however, a social organization. As Guild members, most of us develop relationships that we value but all too often are limited to woodworking activities.

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From the west on I84 to Glisan exit #3, loop to the right and back west three blocks to 55th. South about eight blocks to Stark. Jog left to 55th. South on 55th a couple blocks to Belmont.. On the corner on your right.

From the east on I84 take exit #2 to Hollywood district. Loop to the right to 47th Avenue. South to Stark, left on Stark to 49th Avenue, south to Belmont and left about four blocks.

LAST MEETING: CEDAR STRIP CANOE!

DOUG DRAKE

That's the answer to the question posed in last month's newsletter. At the November monthly meeting, The Guild was fortunate to have John Whitehouse, a long time member of Rivers West (www.riverswest.org) - a local organization that provides a community boat building space for members) give us a short tour of how to build a cedar strip canoe.

John's tour began with him explaining that one of his goals was to build a lighter boat. Experience told him that a lighter boat "won't wear you out" when you are using it. Oh, good idea Boss!

He explained that starting with thinner strips (1/4 x 3/4 inch) helps lighten the boat overall. The procedure is to start with a template and build a strongback which is the temporary jig that holds the forms and stems in place while you build your hull. Preparing the strips with a bead and cove on either side allows for the strips to round the hull with fewer gaps.

Glue-up involves a lot of clamps, some custom made by John (need another reason to buy more clamps...?). Then comes the planing and sanding before applying the first coat of epoxy. Applying epoxy involves a chip brush and plenty of squeegee work. Sawdust and epoxy can help fill gaps (starting to feel like one of your projects?). Once tacky-dry, you put down the fabric and more epoxy. Once dry - more sanding.

Gunwales (the top edge of the canoe, from the "gun

ridge" of sailing warships) are attached in four steps and lots of clamps to keep the hull shape intact.

The final phase is a series of nifty woodworking joints & tasks for installing the deck frame, thwarts (crosswise struts) and seats (with some nice hand cane work). John finishes these parts with spar urethane.

There was lively Q and A session all throughout the presentation. Clearly John was a big hit with the membership! Below are some resources that John graciously shared with us.

Is there a canoe or kayak in your future?



Canoe and Kayak Building Resources

BOOKS

Canoecraft, Ted Moores

The Strip-Built Cedar Kayak, Nick Schade

Illustrated Guide to Wood Strip Canoe Building, Susan Van Leuven

Building a Strip Canoe, Gil Gilpatrick

PLANS

<http://www.bearmountainboats.com/>

<http://www.laughingloon.com/plans.html>

<http://www.noahsmarine.com/items.asp?Cc=Kayak-Plans-Kit>

<http://www.clcboats.com/shop/strip-planked-kayaks/>

<http://www.guillemot-kayaks.com/guillemot/>

MATERIALS

Fiberglass and tools for working with epoxy, Tap Plas-

WELCOME NEW MEMBERS

BOB OSWALD

Welcome to our newest members in chronological order. We're happy to have you with us and hope you'll make a regular appearance at the monthly programs. Say hello at the next meeting so we can get to know you.

Kit Camp, Tim Mann, Dan Baker, Kelsey Schopp, David Smith, Michael Kipley, Victor Pham, Joel Dempsey, Marco Morescalchi, Fred Peterson, Mark Socks, Palo Giscombe, Ryan Martini, Jerry Cady and Ethan Rogers.

tics, Portland or Tigard

Epoxy, low viscosity: Raka, Mas, System 3 Clear Coat

Epoxy, fairly quick set, plus all sorts of additives and instructions: West Systems

LED SHOP LIGHTS

ROGER CROOKS, PRESIDENT

LED Shop Lights – Highly Recommended and Getting Affordable

I was at Home Depot looking to buy 4' T12 tubes for my 25 year old shop lights and saw a new batch of LED shop lights for \$40, down from \$80 last year so I bought one. Next stop was Costco where they had 4' LED shop lights for \$35 – so I bought one. They also had replacement LED tubes (2) that go into current T12 shop lights for \$37. Here is my less than scientific report.



Home Depot – this is a single enclosure (no light tubes), 3700 lumen, on/off pull switch and ability to cascade lights.

Costco – Looks like a traditional 2 tube fixture, 3800 lumen, on/off pull switch.

Replacement LED Tubes – similar to what is in the above fixture. Why would anyone buy the replacement tubes which cost more than a new fixture. If you have permanent mounted fixtures or decorative ones, the bulbs would be the best choice.

Both fixtures can be hung or ceiling mounted. What is surprising is how light they are. The traditional shop fixtures are metal and have a heavy ballast in them. I hung mine and being so light, it was easy. Both have very bright cool white light (~4000 K) which feel much brighter than fluorescents. The effect is amazing. A key benefit of LEDs for me was safety. Mine is over my lathe and on the rare (hopefully) occasion that something blows up, LEDs will not explode like fluorescents, just break.

I highly recommend them, a slight preference for the Home Depot one but you'll be happy with either.

THINGS GOING ON

GIG LEWIS, PAST PRESIDENT

It is mid-November and the Guild is still growing and changing. Our estate sale team generated over \$3000 this year helping our neighbors with their surplus tools. Look at Estate Assistance on the website for ideas about managing the situation. A section tells you what you can add to your own will. I helped my son with an estate where no planning had been done. It took over two years to finalize it. It was not a lot of fun.



I would like to remind everyone that we are not allowing recycled lumber, pressure treated lumber or green wood on our shop machines. Recycled lumber has lots of dirt and sand, plus metals on occasion, and all of those damage tool blades. Pressure treated wood is too wet to run through the SawStop and bandsaw without leaving moisture and in turn causing rust. Green lumber on the bandsaw leaves lots of sap, which can take up to an hour to get the blade clean.

Bob Oswald reminded me that he is always looking for articles for this newsletter. Don't worry too much about punctuation and spelling, it will get fixed. Put your ideas together and enjoy your friends appreciating your articles.

We received two nice thank you cards from folks that we helped this fall. The Clackamas County Fair sent a nice note sharing how much all the kids enjoyed making their bird houses. The estate in Forest Grove gave us a nice note praising the team that helped them so much.

Remember that our Holiday Party will be on December 3, 2015 at the Mt Tabor Presbyterian Church. Everyone is welcome. We will have the presentation of our Woodworker of the year.

Happy Holidays and be Safe.

BEGINNERS SIG

LARRY WADE

Overview of Chest of Drawers

This month Ariel described how he makes the carcass and the companion drawers (or doors) for virtually any cabinet. He had an extensive handout. One page outlined the production procedures for making case goods, along with five pages that were specific to the chest of drawers produced for the Open House Ministries community project.

For the case he described how the team used the Keller jig to make the through dovetails, how the quarter-inch Fir plywood back was screwed on to strengthen and square up the case, and how the base was strengthened and screwed to the case. A hanger glued and screwed to the inner top back provides a mechanism to secure the entire case to the wall to prevent tipping and possible injury should kids climb on the drawers. The case and drawers were made from Beech, a generous donation of a massive amount of material.

He spent a lot of time on the drawers, using half-blind dovetails made with a Porter Cable Omni-jig, the horizontal stretchers built into the case for the drawer slides, the formation of the integral handles using jigs and two router bits, the use of two thumbtacks to reduce wear on the drawer bottoms, and the safety mechanism (a drawer keep) to keep each

drawer from being pulled all the way out.

An extensive Q&A session covered most of the details of design and construction. Topics ranged from glue-up techniques, milling, finishing and cuffing to pocket screws used, sanding, and building similar cases for the shop.

This was a priceless opportunity to interact with both a major design and a significant expert. Thank you Ariel. Stay tuned for more opportunities to learn from him.

Upcoming Beginner SIG Programs

Next year starts with a pair of programs, workbenches and work holding options, especially for those new to woodworking. Jan 20th will focus on benches, with a presentation of various lower cost options for getting started, both shop-made as well as purchased. Feb 17th will be the companion presentation and discussion of vises, bench hooks, clamps, hold downs and options that might not be obvious.



THE EDUCATION CORNER

NORM BAIRD

Wipe On Finishing with Austin Heitzman

Dec 1, 5-9, \$50

Class Coordinator: Chip Webster

This four hour class will give you the hands on experience to produce a silky smooth wipe on finish that is surprisingly simple to master.

Build a Box Cabinet Using a Router and Dovetail Jig with Ken Vetterick

Dec 12, 9-5, \$220

Class Coordinator: Bob Sokolow

This class will teach students how to use a simple dovetail jig to make a box cabinet with through dovetails. Students will learn the Keller system dovetail, grooving for the back on the router table, and gluing up the box. The project will be ready for sanding and finishing at the end of class.

Basics of Fine Woodworking with various instructors

First of 10 sessions on Jan 23, 9am, \$195 for the series

Location: Various Shops

Class Coordinator: David Wiper

This is a 10 session course into the fundamentals of fine woodworking. You will learn the proper use of the common hand and power tools, project design, construction methods, and finishing.

Woodworking at the Next Level with Jeff Zens and Dennis Rodrigues

First session, Understanding Wood, Jan 23, 9-5, \$180

Class Coordinator: Rick Alexander

The Next Level series will consist of one class per month (excepting summers and Christmas holidays), for approximately two years. This first session will explore the medium, wood. As students build deeper understanding, they can sensitively use wood to bring out its own natural beauty, to express creativity, and to build things that last a lifetime.

Build a Stool From Scratch, with Dennis Dolph and 3 other instructors

Feb 13-14, 9-5, \$ 175

Class Coordinator: Bob Sokolow

This two day, hands-on class is designed for beginning woodworkers, however, all skill levels are welcome. In the class, the students will start with a 2 inch slab of wood and proceed to build a custom sized stool using loose tenon joinery.

See the Guild website for registration and details. Contact the Class Coordinator with questions. All classes are held in the Guild Shop unless otherwise specified. 7634 SW 34th St, Portland, OR 97219

AFFILIATE UPCOMING CLASSES

See their websites for more details and offerings.

Northwest Woodworking Studio

Simple Finishes

Jan 30-31

Instructor: Gary Rogowski

Oregon College of Art and Craft

Mortar and Pestle

Dec 5-6

Instructor: Sterling Collins

Portland Community College

PCC offers woodworking classes for beginners and basics. Also special classes for Women and Seniors. Winter term registration begins 11/ 25.

HOLIDAY PARTY...

(Continued from page 1)

This is an opportunity to PUT DOWN THE WOOD for an evening and share time together. It is also an opportunity to:

- 1) Meet the spouses/partners/friends of woodworkers;
- 2) Eat wonderful comfort food;
- 3) Recognize the Guild Woodworker of the Year; and
- 4) Receive a wonderful holiday gift (if you participate in the Secret Santa gift exchange).

So how do I participate? Make a dish to bring of your choice... whatever you want to bring will be wonderful. If you wish to participate in the Secret Santa gift exchange, either make something with your own hands or bring a gift of value no greater than \$25, Wrapped.

The Guild will provide: ham, lasagna, some hors d'oeuvres, drinks and eating ware.

Time: 6:00-8:30pm

Parking: Please try and park in the church parking lot on the corner of SE 54th and Belmont. The entrance doors are across the street and straight down the sidewalk to the left of the playground area.

Bring your spouse/partner/friend if you wish:

Mt. Tabor Presbyterian Church
5441 SE Belmont, Portland, OR 97215.

SEE YOU ON DECEMBER 3...and Happy Holidays!

ENGLISH OR METRIC?

BOB OSWALD

(Continued from page 1)

Metric deals in decimal numbers. So I reset the saw 5mm from 4.2 cm to get 4.7cm. With ten fingers and toes, conversions are usually easier in decimal. On the other hand, which is easier math when adjusting a measurement, subtracting $7 \frac{3}{16}$ " from $22 \frac{7}{8}$ ", or 131 mm from 580 mm?

Both probably require a calculator although the metric version is a subtraction while the English requires a bunch of fraction work. Metric is easier. I love fraction math and can do most any of it in my head, where the subtraction is harder to do. So it does depend on where you live.

Measuring Tape Lines

Measuring tapes, and your table saw in English, have different length lines to distinguish $\frac{1}{32}$, $\frac{1}{16}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$ and 1 inch. That's six different codes to read. Some get good at it, some don't. Metric has two different lengths, 1 mm, 1 cm, not counting the 5 mm center line to help you count to 10.

Perception

One of the biggest problems using metric units is the perception of size. We grow up accustomed to visualizing how big a foot is, or an inch, or eventually $\frac{1}{16}$ inch. It's more difficult to imagine how big a piece of wood to plan when it's 120 cm wide.

We do a lot of work in dimensions visualizing the effect. Not precision, but being mentally comfortable with what we're expecting to see.

A few simple rules I've grown into have helped me stop converting dimensions when estimating:

- ◆ 1 mm—about $\frac{1}{16}$ inch
- ◆ 1 cm—about $\frac{1}{2}$ inch
- ◆ 1 m—about a yard or three feet

Being able to visualize a dimension carries a lot of comfort just moving through the shop.

Conversion

Today's measuring tapes provide a pretty straightforward means to transfer that drawing dimension to the table saw. It says rip to 56 mm. Look down at your tape and set it to 56 mm.. We generally eyeball the setup to be sure it matches what we perceive. Using the simplification above, 50 mm is 5 cm which is about $2 \frac{1}{2}$ inches. Or from a different direction dividing by 25 (1 inch—25.4mm) it's 2 inches. OK?

Accuracy

I saw somewhere in print on a chat site that "metric is more accurate". Really? They are both measurements. They are both as accurate as you are. For some, decimal math is easier and therefore more likely to produce the right answer (more accurate?). I'm so used to converting fractions that I'm always accurate (well, admittedly after an eyeball double check)

Practice

I live to be ambidextrous, bi lingual and flexible. By using both systems often, doing conversions or just imagination exercises, you'll eventually become comfortable with both systems. I don't want to be locked in to the 'best' system. They're both good.

Tips

If your plans are in metric, use metric. I built a violin a few years back. Totally metric world. After nine months of millimeters, it was getting pretty comfortable. The calipers, tapes and thickness gauges speak both languages, so that helped a lot.

I'm a math head. I can do most fractional math in my head. Sometimes the board comes out too short though. So your back-up methods of test cuts, double checking with a tape, etc, save you.

Pros and Cons

Metric:
Divisible by 10
Fewer lines

English:
Lifetime of experience with fractions
Visualizing distances
Most table saws cut a $\frac{1}{8}$ " kerf

Hardware like drawer slides, pull handle spacing and machine screws are typically English units..

Try not to do the conversion every time, just develop a sense of how big each of the metric units is

Which system should I use?

It depends.

Inspiration for the article, from a member:

As a less than experienced woodworker striving to improve my skills, my goal is 1) Make fewer errors in measurement, 2) Be more precise in measuring, 3) Spend less time trying to figure it out, 4) and most of all, be more consistent. When it all goes together—will it look right or be a "oh crap" I should have..... Does metric improve my chances of getting it right? As a beginner, is this something to seriously consider to improve my skills?



SLATE OF OFFICERS—2016

BOARD OF DIRECTORS

The Board of Directors for 2016 was approved by popular vote at the November general meeting. Thank you very much to fourteen hard working people (and many more on various committees) who give their time to lead Guild operations.

Officers:

President – Roger Crooks
 Vice President – Alexander Anderson
 Treasurer – (Roger) seeking replacement
 Secretary – Steve Poland

Committee Chairs:

Membership – Keith Williams
 Education – Chip Webster
 Programs – Gary Weeber
 Operations – Ray Curtis
 Communications – Bob Oswald
 Community Projects – Tim Moore
 Shows - Vacant
 Sponsors – Bob O'Connor
 Prof Membership at Large – Bill Bolstad
 General Member at Large – Norm Baird

A HELPING HAND

ROGER CROOKS

A Woodworker Walks Into A Store.....

But, this is a story rather than a joke. A fellow went into Woodcraft with a woodworking problem. They suggested he contact the Guild. He came into the shop when I happened to be there and asked for help with a simple problem. He bought a very expensive hand axe for a friend and wanted to put the guy's name on the handle. I invited him to come over to my place and look at different options. He came on Saturday, and 15 minutes later he left with a name burned in the handle and potentially we may have a new member.

I bring this up as I know many of you respond to requests like this and it would be great if you let us know when you do something so we can better promote the Guild's capabilities.

Ed: Please send me any stories like this that you would like to share. I like a bit of human interest in the newsletter. timbercreek08@gmail.com

ALBERTINA KERR PROJECT

BOB O'CONNOR



The first bench for Albertina-Kerr is nearing completion. Most of the crew is pictured here. Three more to go. Join them if interested by contacting Bob O'Connor for times.

L-r Ed Foltyn, Steve Poland, Dick Rohrbaugh, Heidi McNamee, Scott Beckstrom, Steve Anderly, Don Cline, Gordon Campbell, and Gary Weeber. Not pictured, leader Bob O'Connor

SHORT TERM EDUCATION PROJECT

CHIP WEBSTER

Help Wanted for a Short Term Education Project

The Education Team has been accumulating tools and supplies for various classes the Guild offers. The most recent example is the wood forming tools donated by Lee Valley for the Michael Fortune workshops. We need a proper way to store them and a system to check them out for member usage and check them back in upon return. We are looking for an Education Supplies Steward.

Here are the requirements:

Part A

Inventory the Education supplies including location
 Assess storage needs

Develop a proposal for storage, taking into consideration Shop Operations and Education needs
 Develop a plan for check out and check in

Part B

Manage the build program for the storage option selected

Administer the records

Anyone interested in helping the Guild with Part A only or Part A and B should contact Chip Webster at jdwebster3@comcast.net.

MIGUEL GOMEZ-IBANEZ VISIT

SUMMARY BY MIGUEL

I am very grateful to the Guild of Oregon Woodworkers, and especially GOOW President Gig Lewis for providing me with a warm welcome during the months of July, August and September 2015, while I was on sabbatical in Portland. It was a privilege as well as a pleasure to be a part of a dynamic and growing organization, if only too briefly. I was especially impressed by the quality of the Guild's tools and shop space, as well as the Guild's efforts to develop a professional educational program that responds to the needs of its members. I believe that the opportunity to learn new skills at the Guild will ultimately lead to a much more intensive use of the facility and will be the key to the organization's growth and success in the future.

Beyond the woodworking, I enjoyed the companionship and camaraderie of the many members with whom I worked while I was at the shop. Everyone I met was both interested and interesting. It is a great group. Please do not hesitate to contact me if there is anything that North Benet Street School can do to support you as individual members or the organization as a whole in your development as woodworkers. And of course, if you are in Boston, please come visit.



Sincerely,
Miguel Gómez-Ibáñez
President
North Bennet Street School



THE GUILD LIBRARY

BOB OSWALD & SEAN BEN-SAFED

The Guild library has a home. A number of Guild members Richard Haefele, Ariel Enriquez, Steve Anderly, Volodymyr Babin, Tim Moore, Don Kline, and Bill Keay built these beautiful rolling bookcases. Currently located in the back room, discussion is underway to relocate them to a more accessible location.

The Guild has over 560 titles, listed on the website on the left menu, Library. You can reserve a book on line and librarian Sean will have it available for you at the next meeting.

View listing online and send Sean an email requesting the titles you want to check out. Sean will then have them ready for you at the next meeting or make arraignments to meet with you if the meeting is to far off in the future.

When the bookcases are moved to a central location we'll work out an appropriate checkout procedure.



WEBSITE CALENDAR/CLUTTER

BOB OSWALD

A recent discovery led me to realize that the event calendar, on the left menu of the website, had recurring community projects on it. It cluttered the view and I didn't realize that. They are gone now. If you ever notice something "kind of klunky", please do let me know. The website is somewhat complex and interleaved, so I don't always notice an unusual side effect. Thanks to Julie for helping me find this one.

Member feedback has prompted me to review the calendar and provide some missing data. That calendar, prior to today, only showed events scheduled in the website, like classes and monthly programs. It did not give any view of what's going on in the shop. There is another calendar that provides shop use information, buried in the scheduling section.

New Change: I made a version of that calendar in the "Calendar" menu view. Now there are TWO calendars. Confusing? Probably, and my apologies. At the moment there is no easy way to combining it all into one—limitations of the website tools.

Take a look. Calendar. The top one is a view of the shop. Click the weekly view to see a simpler bar graph presentation.

The bottom one is an overview of scheduled events. Let me know what you prefer/think.

WHAT'S NEW IN THE SHOP?

ARIEL ENRIQUEZ

Those of you in attendance at this month's meeting might have noticed our new addition to the Guild shop. It's just the latest upgrade as we continue to take this facility to the best level possible.

This new addition features a brand spanking new, very highly rated, 12" DeWALT compound bevel miter saw (model #DW715) coupled with a Biesmeyer 10' miter saw table support system. The saw is a new item but the Biesmeyer fence was donated to us by a local cabinet maker some years ago and stored by a forward-looking member in his basement. It has finally found its forever home. With this set-up a user can now cut very precise, repeatable lengths on boards up to 9" wide in the most efficient way possible. It's a great production tool.



If you're wondering why we didn't go one step further and opt for a sliding miter saw, you're not alone. The reason was long-term durability. IMOHO sliding miter saws are not as sturdy as their stationary cousins. While it's true that this might not be something of concern to a seasoned hand, the fact is that your tool committee has to consider our users, the vast majority of whom pursue woodworking as an avocational/occasional pastime. We think this set-up is going to give us the best bang for the bucks in the long term. Additionally, keep in mind that we already own a sliding TABLE saw capable of crosscutting panels up to 10' wide. That was another point in favor of forgoing a slider miter saw.

My thanks to the many hands who helped in putting together this new tool station. Starting from researching the best tool for the job to final installation, this took months (oh! when will it end?!) but the result, there is no doubt, was worth it. Come see for yourself!

Keep your fingers!

TOYS FOR CHRISTMAS

DAVID WIPER

A reminder to bring Christmas toys you might be building to the holiday party December 3. Remember Guild standards for finishing is mineral oil only.

Questions or arrange other delivery, contact

David Wiper wiperdj@gmail.com,

Marcus Flanders marcus.flanders@blount.com

Gig Lewis at giglewis42@gmail.com

GUILD WORKSHOP APRON

Our Guild has designed a woodworking apron that meets a woodworkers needs. It is very durable, extremely strong, with "Bar Tacking" (extra sewing) on all pockets. We have pockets small enough to hold a flashlight and utility knife, others are sized correctly to fit a cell phone and a paper notebook, one large enough to hold a full size caliper, of course there is one for a tape measure. A new idea are the three horizontal sleeves to hold pencils and a 6-inch metal ruler across your chest so they won't fall out if you bend-over. Another new idea is the loop for your small square with a magnet to keep the square from falling out of the loop. There is an additional loop that has a towel with a grommet & carabineer attachment for glue-ups. And the lower pockets have a bottom of "Nike Mesh" so sawdust will fall through.

Although it comes in one size, the straps are long enough to fit a large person, and the straps are designed to be cut to fit a smaller size. The "X" style straps go over your shoulder and have buckles for easy connecting. This apron should last you for years and your donation of \$50 is going to the Guild. The Aprons will be delivered on December 1st and there will be some at the party for sale.



CHRISTMAS GIFT IDEAS

ROGER CROOKS

Guild shirts, vests, jackets. You can order Guild Logo items on the website. Go to About Us/Guild Clothing. Takes about 10 days after we have 10 orders, so for Christmas, I need your order in by December 7. And check the shop apron on this page also.



FROM THE FOREST GROVE FAMILY

DELEA SAISCCHART

When my brother Stan passed away unexpectedly in February, one of the daunting tasks for his wife Sue was to figure out how to liquidate his woodworking shop. We were blessed to find the Guild and wonderful members who both helped set up the sale and attend the sale.

We are pleased that his equipment will be well used. We specifically want to thank Pack, Gig, Joe, Tim, Don, Roger, Bill, Ray, Hal, Joshua, Steve and Fergus. I apologize for any I missed. These wonderful gentlemen gave up time away from their families and normal activities to help two women through a hard time. You can't imagine how grateful we are. We will pass on your generosity to others in need.

Bless you all and your organization for helping us in our time of need.

CALL FOR EXHIBITORS

Sorry for the difficult to read poster clip below. Check this website for more details.

www.sites.google.com/site/favorite5countryfarms/home

Favorite 5 Country Farms
9th Annual Holiday Farm Tour
 Every Fri, Sat, Sun, Nov 29 - Dec 30, 2013
 10AM - 4PM

ART NUTS
 GIFTS
 VINTAGE
 MINI DONKEYS
 ARTISAN JEWELRY
 FURNITURE, HOT COCOA
 CHRISTMAS TREES, LAMPS
 BEADED BAGS, SHEEP, POTTERY
 WARM CIDER, GIFTED LOCAL ARTISTS
 MODEL TRAIN, PONIES, CARDS, RECIPES
 HOT HOMEMADE CHILI, HOT DOGS, COFFEE
 CHRISTMAS COOKIES, PINS, FRESH GREENERY
 BOOK, HORSEBACK RIDING LESSONS, LAVENDER
 PORCORN, TABLES, CHAIRS & TABLE TOPPERS, TOYS
 BOOKS, DISHES, JACKETS, WREATHS, TREATS, SCENERY
 TREATS, ORIGINAL PAINTINGS & PHOTOGRAPHY, ORNAMENTS
 BOOTS, NECKLACES, BRACELETS, EARRINGS, RINGS, WATCHES
 ANTIQUES, COUNTRY HOSPITALITY, PEPPER JELLIES, HORSES
 GARDEN DECOR
 KITCHEN TEXTILES
 COWBOY BOOTS
 TOYS, PASHMINAS
 STEPPING STONES
 EMBELLISHED BIRD HOUSES
 GIFT BASKETS, HERBAL TEAS
 WARM WOOD STOVE, SCARVES
 PINE CONES, TRELLISES, FUDGE
 LAVENDER GIFTS, LLAMA, ARBORS

Favorite5CountryFarms.blogspot.com
 Favorite5CountryFarms@gmail.com
 503-625-6023 or 503-682-1404

ADMISSION - A cup of Food for the Food Bank

Look for the RED & WHITE signs between Sherwood & Wilsonville

PRODUCT BUILD GROUP

ED FERGUSON

The Product Build group just wrapped up a run of small boxes, some of which will be on display at a pre-Christmas craft fair. The rather spectacular material used in the project was donated by Bill Bolstad.

We are on to our next project... clipboards and trays. This involves milling and gluing up thin stock...the end products are 3/16" thick...and designing some interesting tray handles. Wood figure and arrangement are critical to this project, and we again have some terrific materials to work with.



We welcome woodworkers of all levels. We have standing shifts in the Guild Shop on Wednesday afternoons from 1:00-5:00pm. You are welcome to drop in on a session and introduce yourself. If you have any questions about the program, please contact Ed Ferguson at ed-bikes@comcast.net

The Guild of Oregon Woodworkers is a group of professional and amateur woodworkers committed to developing our craftsmanship. The Guild offers many benefits for members, including:

- Monthly programs
- Monthly newsletter
- An education program to help members develop woodworking skills
- Sponsor discounts
- Woodworking shows
- Network of business partners.
- A woodworking shop with space to rent
- A network of friends

For information on how you can become a member, see the Guild website listed below.

GUILD OF OREGON WOODWORKERS

10190 SW Washington St., Portland, OR 97225

CLASSES, SEMINARS, DEMOS, AND SUCH

Northwest Woodworking Studio 503-284-1644, www.northwestwoodworking.com

Rockler Woodworking 503-672-7266, www.rockler.com

Oregon College of Art and Craft 503-297-5544, www.ocac.edu

Woodcraft 503-684-1428, www.woodcraft.com

Woodcrafters 503-231-0226, 212 NE 6th Avenue, Portland, www.woodcrafters.us

THE GUILD IS PROUD TO BE SPONSORED BY:

Barbo Machinery
Carbide Saw
Emerson Hardwood
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NW Figured Wood
Rockler Woodworking
SawStop
Woodcraft
Woodcrafters



- ◆ Some sponsors offer discounts to current Guild members.
- ◆ ** denotes Scholarship Sponsor

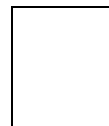
Affiliates:

Northwest Woodworking Studio
Oregon College of Art and Craft



Guild of Oregon Woodworkers

c/o Bob Oswald
40639 SW Vandehey Road
Gaston, OR 97119



We're on the Web!

www.GuildOfOregonWoodworkers.org