

OREGON WOOD WORKS

Beautiful but inconvenient Winter welcomes the New Year

THE EDITOR'S INSIGHT

Why is the beauty so dark and cold?

I love the dark, starry night, with a clear sky that makes you feel that you can see all the way across the whole universe.

Passing years take some of us into contemplating the meaning of life, of time spent, what it all means and of what difference have I made in being here. I look out at the crescent moon tonight, in this very cold January evening in Oregon. The moon is so bright. Why is it that the vast universe looks so dark and cold. When morning comes, the day will be bright and warm with a brilliant blue sky. The transformation is magic. But lurking just beyond that deception of blue sky is the dark cold nature of space. Why is that? Why couldn't

(Continued on page 8)

Oregon winters in general are pretty consistent. Each month has its signature. Usually in January we get a snowfall. Every so often its BIG. This was the year. Good news: I got to use my new emergency generator for a full day. Nancy went snowshoeing for the first time. School kids got an extended vacation (that's also bad news). We enjoyed a lot of sunny days being out in the snow. Bad news: Cancelled Guild and many other events for almost two weeks. Home bound requiring 4-wheel and chains..

But, one thing wonderful about living in the Pacific Northwest is that the change of seasons gives us a better appreciation of each one. A harder winter will make spring and summer seem ever more special.

We all in the Guild hope you had a wonderful holiday season, and a nice start towards Spring.



NEXT PROGRAM — TUESDAY FEBRUARY 21, 2016 7:00PM

SETTING UP SHOP—ASA CHRISTIANA

Multnomah Arts Center, 7688 SW Capitol Hwy, Portland, OR 97219

Whether you are just getting started in woodworking or have years of experience, setting up and organizing a shop can be daunting. It's also a task that never seems to be complete. Asa Christiana has set up multiple shops over the years, and worked on dozens of articles on the topic as an editor at Fine Woodworking magazine. Based on his new book for beginners, coming out this year from The Taunton Press, he will offer a variety of simple, inexpensive ways to get up and running in the craft, including finding space, options for lights and heat, how to create simple work surfaces with storage built in, and which tools to buy first. For intermediate and veteran woodworkers, he'll show how to make the space you already have work much better, and offer prac-



(Continued on page 2)

In This Issue

<i>Multi-Estate Sale</i>	3
<i>Cabinet Doors, Easy</i>	4
<i>The Ultimate Finish</i>	7
<i>Raleigh Park School</i>	9
<i>Upgrade Your Shop</i>	9

From the west, Allen becomes Garden Home and then becomes Multnomah Blvd.

From the East, off I5/Barbur Blvd, head West on Multnomah Blvd. Then:

To locate the shop, turn uphill, North, on 35th Avenue. At the stop sign, turn right, go one block, turn left. Go over the crest of the hill and as you start down, the shop is in the little center on the right. Drive downhill to the Multnomah Art Center to park and walk back. Park in both front and back of the Art Center depending on construction.

2017 TOPICS AND RESOLUTIONS

ROGER CROOKS, PRESIDENT

2017 Topics and Resolutions

I hope all of you survived the wonderful greeting that Mother Nature gave us this year. It was a challenge to all the Guild teams rescheduling classes, meetings, shop time and other activities. As a result, we realized it would be a good idea to give you a quick way to know if your class or meeting is canceled. Now on the Guild website home page, we will list class, shop or other cancelations at the top of the page in an orange section. When in doubt, just check the website.

A new year is always a good time to reflect on what has gone well and maybe not so well, then look forward, and set some goals. In case you have not done this, let me suggest some ideas related to woodworking;

- **Is my shop safe for my body?** Is there an inch of dust on top of your lights? Do you keep your eye, hearing and dust protection at the bottom of a drawer? Do you walk around in open toe sandals? You know what you should be doing – do it!
- **Is my shop electrically safe?** Do you have 12 items plugged into one wall socket and extensions cords running all over the floor? Do your breakers blow sometimes when you turn on your table saw. Do you have a heater that you have to turn off to use a power tool. If yes, you already know you have a problem – fix it!



Roger Crooks,
President

- **Do my projects need a little help with 45 and 90 degree corners** – Take a joinery class to learn how to make everything fit perfectly and without putty to fill in those little gaps.
- **Does your finish look a bit dull or filled with streaks or bumps** – Sign up for Chip Webster's finishing classes that we hope to put on 3-4 times a year. Don't ruin a perfect project with a bad finish.
- **Are your tools sharp?** Dull tools are not safe and are frustrating to use. We have several sharpening classes throughout the year that will teach you what is sharp and how to sharpen your planes, chisels, knives etc.
- **Learn something new this year** – Expand your horizons and try something new be it carving, inlays, dovetails, intarsia or other woodworking techniques. We focus on basic woodworking skills but have many classes that let you try something new.
- **Help your community** – Join in on our community project team or our toy build team to make something that will be part of a special need family or project.
- **Help your Guild** – As always we can use volunteers for different projects. Our estate team has been busy and it takes a lot of people to help these families in trying times.

These are just a few ideas to think about. I know our Guild teams are working hard to plan out 2017 to make the Guild better and more responsive to your needs. As always, we appreciate your feedback and help in keeping us moving in the right direction.

FEBRUARY PROGRAM.

(Continued from page 1)

tical approaches to efficient dust collection.

Asa worked at Fine Woodworking magazine for 15 years, eight of those as its chief editor. He now lives and works in Portland as a freelance writer, photographer, teacher, and furniture maker. His new book, "Build Stuff with Wood," due out from The Taunton Press in 2017, sets out to prove that anyone, even those with zero skills and experience, can build amazing things with wood.



MULTI-ESTATE AND HUGE WOOD SALE (BIGGEST EVER)

BOB OSWALD

We were contacted by three estates at the end of 2016 and decided it would be best to combine all three into one big sale. To do so we are bringing all the items to the Guild shop for one huge sale.

This is a great opportunity for you, saving you from driving all over town and taking up three days to see everything. As a bonus, we will be selling beautiful 8', 5/4 beech in various widths from 4" to 12" at only \$3/bd ft. (these will go fast).

When - Saturday, Feb 4, 10:00 – 3:00

Where – Guild Shop, 7634 SW 34th Avenue, Portland, OR 97219

Details

We will take cash, checks or credit cards

What's for sale: From what I've seen most tools are good quality brands. We will have a more complete list in next week's e-mail but here are a few pictures from our first pickup today. There are three complete shops so they will include everything most people have in a shop from screwdrivers, hammers and socket sets to storage cases full of nuts and bolts. These items will be priced aggressively.

Big tools include:

- 2-3 nice table saws
- Bandsaws, skill saw
- Jointer
- Drill press
- 2-3 Dust Collection systems
- Routers and router tables
- Vacuum
- Lots of power tools – nail guns, drills, jig saws, circular saws and the list goes on.
- Festool Mortise and tenon domino joiner

Surprise Box

One estate also donated a box of virtually brand new high-end tools with boxes labeled Lie Nielsen, Veritas, and Bridge City. A few of us looked through the box and immediately wondered if we could bypass the auction – no we did not but I guarantee this box will be empty in the first 10 minutes of the sale. Keep your eyes open for the email with more specifics.

WELCOME NEW MEMBERS

BOB OSWALD

Welcome to our newest members (33) in chronological order. We're happy to have you with us and hope you'll make a regular appearance at the monthly program. Say hello at the next meeting so we can get to know you.

Get your feet wet. Try your hand volunteering at just one event this month. You don't learn woodworking by reading magazines.

Richard Gorton, Bob Andree, Terry Hatfield, Katelyn Bessette, Monta Knudson, Mark Owen, Don Domes, John Schultens, Jennifer Doleman, Elizabeth Hill, Patrick Cahalan, Todd Carpenter, John Middleton, Kyle Deatherage, Mike Rutherford, Jay Somers, Ken Hughes, Joe Stone, Nicholas Stober, Bruce Hamlin, Scott McCoy, Annabel Nickles, Timothy Fredette, Tymon Emch, Simon Bosley, Molly Mcmillon, Thomas Nieswander, Howard Jarvis, Lindsey Nicol, Donald Hoffman, Frank Bridwell



CABINET DOORS—EASY

BOB OSWALD

I love making these rail and stile cabinet doors. I say they are easy but I remember a time when they weren't. The joinery is fun and they look very stylish with mid-rails and muntins. The drill press cabinet featured elsewhere here begged of a door. It's a big cabinet and would look too plain with just a simple frame and panel. Let's build one.

They are referred to as frame and panel doors as well as rail and stile doors, we see them daily in nearly every kitchen in the country. An attractive presentation, this style, has been around before the Romans. (Look for a future article on doors.) This article is to encourage you to try it, but if you are successful, watch for that false sense of security. If you build several, attention to detail, organization and layout of your material is essential to prevent cutting the wrong parts.

What is a frame and panel door?

Five pieces, three components. Rails, stiles and a panel. The rail is the top and bottom of a frame. The stile is the left and right side. But you can embellish this look, especially on larger doors with mid-rails, muntins and an arched top.

Mid-rails and muntins

A mid-rail is just another rail, and usually only one is added. I determine the vertical position by eye. What looks good? Raise it closer to the top until it clearly does not look good. Lower it towards the bottom until it clearly does not look good. The right position is probably half way in between those extremes.

Making an arched top rail

An arch, simple Roman or an ogee style, adds a huge touch of class to an otherwise square and blocky frame. This is just another rail made wider to allow for shaping.

Mill lumber to dimension (32, 15 3/4, 3/4)

- The 'rail' is the horizontal member. I remember it as a railing, horizontal. That leaves the 'stile' as the vertical piece.
- The stile length is the full height of the cabinet, thirty-two inches for this application.
- The rail and stile width can vary depending on look but a good starting point is 2 1/2" rough stock width.
- The rail will be shorter than the cabinet width by two stiles, five inches, but longer by the depth of the panel cut. This cut is traditionally 3/8". That is what the route bits cut and if you use table saw methods, it is a good standard to follow. This cabinet is 20" wide, so the rails will be 15 3/4" long.
- Thickness is typically 3/4" like most furniture building lumber.
- Mid-rail is the same as all other rails
- The length of the muntin is the distance between the bottom rail and mid-rail, adding 3/4" for the tenon.

- Arched top is just another rail but it is 3 1/2" wide

I mill my lumber to FINAL dimension. I have seen a number of classes and shops make the parts thicker with the intent to run the finished door through a surface sander. You can do that if you have access to a belt sander wide enough to handle your doors. However, I'm going to claim that we are fine woodworkers. We don't need to surface sand poorly created joints. Do it right from the beginning. However, it takes great care and accuracy. You must pay attention in the rest of the article to achieve this result.

Router bit set or table saw

This focus is on the more attractive trim style offered by router bits. The set runs about \$100. It's worth it if you like the look and the set will last a long time. The table saw will work fine for making a more basic Shaker style door.

Note: You must use a router table with a fence. Ironically, the bearing on these bits is not used for the conventional straight line cuts. The bearing is used with a pattern taped to a rail to cut an arch. Set the bearing flush with the fence.

Select and install the rail bit

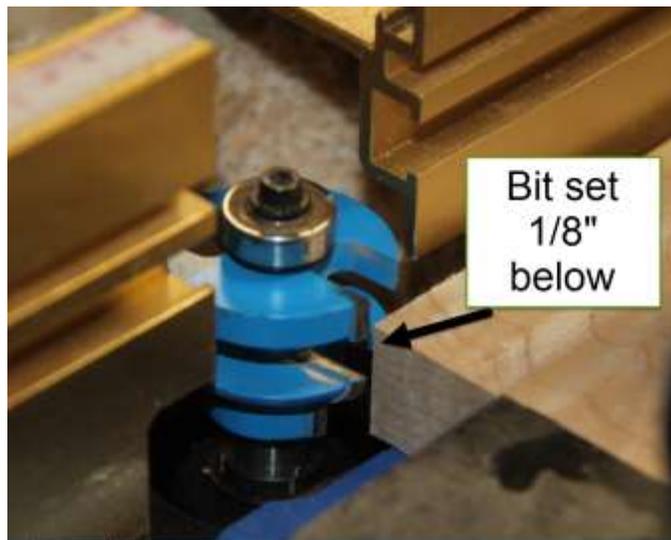
Start with the bit that cuts the ends of the rails. You don't need to buy the setup blocks if you follow a bit of logic. The finished rail has a tenon on its end, to fit into the slot in the stile. Looking at the two bits side-by-side, which one will cut the end and leave a tenon. There is only one part of the bit that makes a 'square' cut. The bit on the LEFT has a 'hole'. It will leave a tenon. That is our first bit.



Inserting it in the router begs of buying that setup block to set the height. Not necessary. Look at the back of your (hopefully typical) kitchen cabinet. The panel is inset about 1/8". So we set the bit height so it leaves the top of the tenon about 1/8" below the top of the board.

NOTE: with the bits installed in this direction, the FACE of the boards is against the table. This eliminates offsets due to slight differences in thickness of the boards.

Tip: The height of this bit is not highly critical other than for consistency. Setting the SECOND bit WILL be critical, and the commercial gauge block will not be accurate enough.



Cut the rail ends

You will get best results if you use a sled. It firmly holds the workpiece and provides a wood backing to reduce tear-out. Be sure to set the bit height with the sled in place.

Tip: if you hold the sled next to the stopped bit and it looks like it will cut the sled, you have it set up wrong!

Tip: Before starting the sled cut, position the sled past the bit so it lands on the outfeed fence before starting the cut. It protects the leading edge for more controlled cuts, especially in the case of a misadjusted height.



Make the cuts on each end, remembering, as you rotate to the other end, to keep the face down. Cut all rails and any muntins. Do not cut the ends of the stiles. LOL

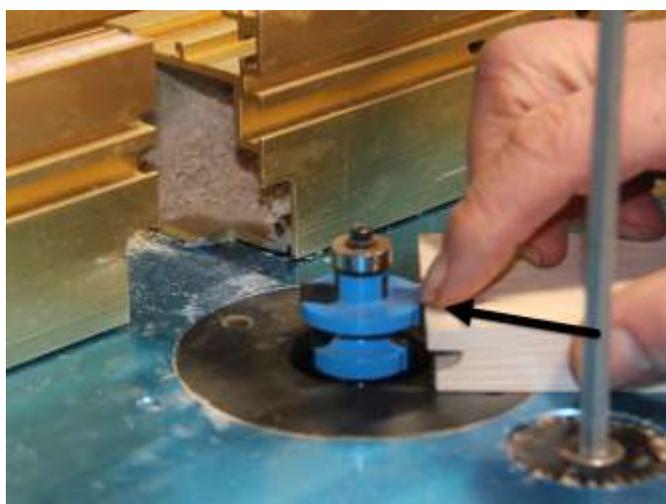
Tip: Be very careful that each rail is flat on the sled and there is no sawdust under the sled or against the fence. Very slight variations here will have you surface

sanding the finished door.

Select and install the stile bit

All pieces get a slot cut lengthwise down one edge. HOWEVER mid-rails and muntins get slots cut on both edges. This is a perfect place for a mistake, so mark your pieces or keep them well organized. Setting the second bit is the one critical step to keep you from having to surface sand your door. It is extremely wise to make a few test pieces and do fit checks.

With the second bit in place, adjust the height so the top of the 'square' cutter is flush with the top of the tenon on a rail sample. Use your fingers, and a fingernail scraping from the wood to the bit to get it as absolutely flush as



possible. This is a good starting place, but test cuts often reveal needing a small adjustment in height. Make a final test cut and dry fit test it on all the rails. Are you happy? If you are you saved eight dollars on a setup block, and you are smarter.

Plan your cuts

Lay out your material in an orderly fashion so you don't have to pick up each piece and determine what to cut. Lay out the mid-rails muntins in a separate location. They get two slot cuts.

Make all the slot cuts on all the correct sides. Test occasionally as you proceed. *It has been known for a router bit to slip slightly.*

Making an arched top rail

You should have already made the end cuts with the rail bit. The easiest way to explain this is to make a duplicate rail piece, same length, 3 1/2" wide. This will become a template. The template ends do not need the rail router cut. Mark the midpoint of the template and mark again about two inches down from the top, at the midpoint. With a flexible stick or ruler, draw an arc from the bottom corners up to the top mark. Bandsaw the arc and sand it smooth.

CABINET DOORS

CONTINUED

Lay it on the rail and trace the shape. Bandsaw the rail leaving 1/16 to 1/8" away from the line.

Tape the template firmly to the BACK surface of the rail with double sided tape. With the stile bit still installed in the router table, move the fence away and



manually cut this slot, guiding on the template. Keep a FIRM grip on everything.

Panels

Flat or raised? Plywood or solid wood or glass?

One-quarter inch plywood is easy. No seasonal expansion issues. Pretty quick to cut to shape. If you want a raised panel door, much more stylish, you must glue up boards to make the full size required. I will leave those details to a later issue.

Assembly

The panels are typically left floating to allow for seasonal expansion. From here it is your normal glue up operation. Slide the panels in before the 'capturing' rail is put in place. Use Titebond III for longer pot time as this process is a bit slow, particularly if you are making multiple panel doors like this one.

I will leave these cabinets natural and unfinished because I like that look in the shop. But it is very wise to pre-finish the panels before assembly. If you don't, as the slightly loose fitting panel moves you will have exposed thin strips of unfinished wood.

What could go wrong?

Why do we bother telling people our tales of woe? Maybe it helps to exorcise the demons. I easily spent over 2 hours selecting maple. I was looking for stuff I would not use for other 'nicer' projects. Some of it was bent. Soaking in water and weighting a couple of pieces produced warped and twisted, bent boards. Working around defects and blowouts took a while but I found enough lumber to get the milling done. The first router cut the ends of the rails went smoothly. But, *something didn't feel right about tightening the bit—pay heed. I didn't* The bit moved during each cut and I didn't bother to watch and test. End result, a beautiful pile of curly maple scrap and three hours wasted.

When things go south, I have developed the practice of sitting for a half hour staring out the living room



window. It worked. This door is for a shop cabinet. I don't really need a nice hardwood. A nearby pine board would serve little other purpose in my shop other than fixtures. Rip, cross-cut, trim, rail router cut, stile router cuts - done! The entire process took thirty minutes to produce the frame you see. It is pretty nice using dimensioned lumber.

Reference

Bill Hylton's Frame and Panel Magic by Popular Woodworking is wonderful



GATHERING OF THE GUILDS

VINCE CORBIN

Time is getting close. There are still a few booth spaces left for this outstanding art show. April 21, 22 & 23, 2017, at the Oregon Convention Center in Portland, Oregon.

Booth fee. Basic 10' by 10' space of \$460, and an additional \$200 for an additional 5' in width.

Vince Corbin, Guild Show Chair
14500 SE 26th Street
Vancouver, WA 98683
503-899-7126
vinceanddiane@gmail.com.

UPCOMING CLASSES

NORM BAIRD

Wide Belt Sander Training for Shop Attendants with Ariel Enriquez

Jan 28, 5-9, Free for Shop Attendants

Class Coordinator: Doug Drake

This is a free class for Shop Attendants who need a refresher or an initial training on the Wide Belt Sander. If you have any uncertainty about how to use this machine so that it is safe for shop users, safe for the machine, and so that it produces its best work, Hey, It's Free!. and it is with Ariel!

Sliding Table Saw Skills with Alexander Anderson

Feb 7, 9-1, Free for Shop Attendants, \$60 for other members

Class Coordinator: Doug Drake

A significant Guild shop tool available for use by qualified members is the Sliding Table Saw. Shop Attendants will benefit from mastering nuances of using this machine, to better help their users. And to those users, my personal testimony—I have been amazed at not only the precision of the cuts on this machine, but by the giant step forward in safety compared with other ways of cutting sheet goods.

Design for the Woodworker, Function or Art? with Eddee Edson

Feb 8, 6-9, \$45

Class Coordinator: TBD

This is an introduction to furniture design. Students will learn aspects of how to design and WHY design before you start a project. No Green Card is required.

See the Guild website for registration and details. Contact the Class Coordinator with questions. All classes are held at 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

Jigs: Design and Use

Mar 1

Instructor: Gary Rogowski

Oregon College of Art and Craft

Turning a Small Bowl

Feb 10-12

Instructor: Sterling Collins

THE ULTIMATE FINISH

AJIT ASERAPPA

I was chatting with Chip Webster, an experienced Guild member, a few days ago. We met when Lisa and I took a class from him on finishing. Chip has since adopted Lisa and me, and continues to graciously answer questions on finishing.

He handed me a maple tool handle that he'd turned. It was beautifully done — nicely shaped -- but what struck me was the finish. He'd managed to bring out the subtle grain pattern in the wood, and it had a clean, smooth finish that made the handle seem almost translucent.

I was envious -- I had to ask, "How did you finish that?!? It's pretty spectacular."

Chip smiled. "What do you think?"

My immediate thought was that it had been buffed with Unicorn hair and coated with a mix of Narwhal saliva and boiled linseed oil. I didn't say that, of course.

"Duh ... I dunno," I offered.

Chip smiled. "We talked about this in the class. I sanded [the handle] to 220, lightly dyed it for the color I wanted, sanded again with 320, and gave it a few coats of gun stock oil, lightly sanding between coats with 1000 [grit]."

Lisa and I had learned this in one of the classes on Finishing we'd taken. Dye dense/fine pored woods and stain open pored woods to highlight grain. Raise the grain and lightly de-fuzz it. Match the finish coating to the function of the piece. That was exactly what he'd done.

"That's it?" I asked, "No ... Unicorn hair..?"

"Nope. Just a little dye, gun stock oil, and light sanding. That's it."

The moral of the story is that if you understand the characteristics of the finish you are attempting, it can be a simple process: one doesn't need to go on a wild search for Unicorn hair.



HELP WANTED: OPERATIONS CHAIR

RAY CURTIS

The Board of Directors is seeking a new Shop Operations manager. This is a key board position. Ray Curtis has held this position since the shop was acquired four years ago. It is time for him to move on to other functions in the Guild. Ray will work with candidates over a transition period to make the job easier.

The job Ray is doing today could be split into up to 3 positions depending on candidate's time and interest.

Job 1 – Shop Responsibility:

- Maintain physical condition of the shop and repairs to electrical, plumbing, lighting, and fixtures within the shop and Annex. Interface with the landlord, vendors and suppliers.
- Provide board support for the following committees; Safety Committee, Shop Attendants, Tool committee.

Job 2 – Equipment Responsibility:

- Maintenance and repair of all equipment and machines in the shop. Interface with equipment vendors and service suppliers. Manage the twice monthly maintenance night.

Job 2 – Tools & Consumables Responsibility:

- Replacement and purchase of all miscellaneous consumables, and hand tools, in the shop. Lead the tool committee meetings.

Job Requirements

Amount of time varies week to week depending on activity going on. Outside of monthly meetings, you should plan to stop by the shop at least a few times a week and probably 2-3 hours of work at home doing research, ordering supplies, etc.

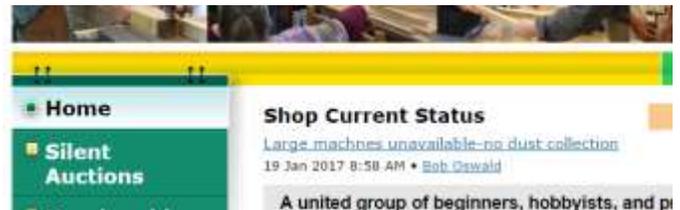
You do not need to be a machine expert on all the equipment but should be comfortable learning how to do routine maintenance on all the machines and passing that knowledge on to the shop assistants. We have budget to bring in experts when needed for tougher problems.

WANDERING THE WEBSITE

BOB OSWALD

Shop Status Indicator

There is a new shop status indicator on the website. Many of you have probably seen it by now since it is at the top of the home page. It is a one line status that helps you quickly decide if you want to head for the shop. You do not have to log in to see it



An identical notice appears at the top of the Shop Schedule page. This notice is seen only when logged in to schedule shop time. It's redundant, but if you blow past the home page without noticing the shop status, you get a second reminder.

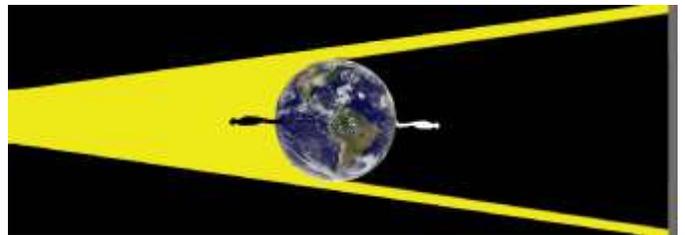
Go to the Guild Shop >> Shop-Current Status page if you want more details.

EDITORIAL.

(Continued from page 1)

it be warm and cheerful everywhere?

And why is it that every woodworking project I undertake seems to go astray. It starts out so warm and friendly. Joints fit, the cuts are right. Then evening comes on the first day of the project. A mis-measured cut. Like the night, it turns darker, and colder. I've learned that it's time to call it a day. Leave the shop, go ponder the steps completed so far and what is yet to be done. Tomorrow will be a new day. And it is, until the evening of the second day.



WELL SAID

BOB OSWALD

Teacher: Jimmy, how do you spell crocodile?

Jimmy: K R O K A D I A L

Teacher: That's wrong.

Jimmy: That might be, but it's how I spell it.

BEGINNER SIG—UPCOMING PROGRAMS

LARRY WADE

BEGINNER SIG PROGRAMS - the regular monthly meeting date is the second Thursday at the Guild shop, program is 7:00-9:00, networking at 6:30. Programs are free and open to beginners and experienced alike. You don't have to register but please do by clicking the related link, so we can plan.

FEB 9 - JAPANESE WOODWORKING -

(Postponed from January). This will be an overview of the different aspects, including Design, Tools, Joinery, Structures and Furniture. Larry Wade will show slides and discuss what he learned during his three week trip in October. In addition, Alexander Anderson will dive deeply into Japanese chisels and how their steels compare to Western versions. [Click here](#) to register.

MAR 9 - CARVING OVERVIEW - Professional carver Jeff Harness will be our guest to both talk about and demonstrate a variety of carving styles, including relief and 3D/figure carving. We hope to have Jeff

teach two classes following this overview so you can gain some hands-on experience and test to see if this is for you. There is also a chance we will create a Carving SIG to meet monthly for a while to explore the many topics in this field in more depth. If you are interested in possible classes or a Carving SIG please send a brief note to lpwade@gmail.com. [Click here](#) to register.

APR 13 - OUTDOOR BENCHES & STRUCTURES

- The program will present a variety of examples of what members have built, including a discussion of design, materials, and finishes related to the outdoors. If you have built outdoor things and are willing to have those discussed and photographed, please send an email to me at lpwade@gmail.com. This topic ranked high on our survey of topics, but is one we don't talk about much. This is your chance! [Click here](#) to register.

RALEIGH PARK SCHOOL

ALEXANDER ANDERSON

The Community Projects team recently completed a project for the Raleigh Park school library. Started in July and meeting once a week, they built this beautiful Maple bench with storage. The work was done at Alexander's shop, Madrone Studio, in NE Portland.

Guild members worked with power tools like the sliding table saw, router, and Festool Domino.

The pull-out drawers will hold games and are designed to be pulled out and used in the library, then put away in the bench when done.

The pullouts feature a dovetail spline at the mitered corners. The whole bench is made of Maple. The finish is a sprayed lacquer.

People who worked on this project were, Katie White, Cheyenne Montalbin, Joshua Talbert, Crispin Anderson, and Alexander Anderson.



UPGRADE YOUR SHOP

BOB OSWALD

Struggling with clutter and wide spread location chaos of my hole making tools for years, it finally became time to practice cabinet making skills. The Leigh dovetail jig has not been used in a long time. There's a bit of extra lumber in the rack. So an afternoon in the shop on a snowy day produced this simple wall hanging cabinet. Dado slots allow the shelves to be moved around. Finally, all of my drills, brad points, Forstners, spade bits, hole saws, taper drills and hinge centering bits are in one place.

Look around your shop. Find a little something to upgrade. Make some sawdust.



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:

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Carbide Saw
Emerson Hardwood
Goby Walnut Products
Hardwood Industries
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