

Kansas City Woodworkers' Guild

Increase your Woodworking skill and knowledge

KCWG Sponsors
Check 'em out!

Wood Words

President's Corner

Welcome to a new administration. I am happy to report that leadership in the Guild has changed hands without any military involvement or civil unrest. That's a good thing. The Guild has grown a lot over the years and has grown a lot in just the last 5 years. We are not the same 50-70 member Guild that met once a month at the Moose Lodge in Sugar Creek, or at the church. We're not even the same 200 member Guild that I rejoined over on 67th street when the Guild was just about to start this Open Shop idea.

Sometimes when you look back over the path that you have traveled you realize that you have laid down many more miles than you thought. I recall one evening Rob

Young and I were at Birdies enjoying some refreshment. I pointed to these two old guys across the room, they had definitely seen better years and were of the "rode hard and put away wet" group. I mentioned to Rob, "See those two guys? That could be us in 20 years." Rob looked at the guys and then punched me in the arm, "That's a mirror you idiot" was his reply.

We have grown as an organization and we can't continue on without making some changes. The changes I speak of is the involvement of the membership. There is more work to operating the Guild as we offer more clinics, classes and presentations, more cookies to have at the meetings, the efforts planning and producing the Open

House, Auction, and our presence at the Woodworking Shows, Maker Faire and the like. I call upon the membership to find an area of interest and volunteer to help out. Many hands make the work light and it's always good to involve others. I have found that the Guild members have always stepped forward when there is a call for help, so I am calling for help. Think of what you want to help with and find the Director (or any Director) and ask what you can do. We're all in this together, I thank you for your help.

— Chuck Saunders

Next General Meeting : May 21st, 7pm KCWG Shop Program : Building of the Thomas White Desk with Calvin Hobbs

Calvin Hobbs presents his building of the Thomas White desk. He will discuss the historical and cultural context of the desk, and the cabinetmaker Thomas White. He will also go through the build process, from the planning stages, construction details, and finishing.

— Cliff Schuette



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Wood Words



Eyes on the Blackboard

Training & learning opportunities for all guild members coming up! Please remember you need to have a Green Card to use the shop for any of our training opportunities unless otherwise noted. Get your Green Card by completing your written test before attending the next SAFETY TRAINING ORIENTATION on Sunday May 25th, 3pm at the KCWG shop. If you have any additional questions about Green Cards and the shop, please email safety@kcwoodworkersguild.org.

— Mike Jones

Introduction to Jig Building with

With Dave Kraatz May 17th 9a

No cost clinic for Guild Members— limited size, registration is FULL

This Clinic will cover the process to plan and build useful jigs for wood-working. This program is a lecture to discuss the planning and building of the jigs to solve your difficult problems and improve your wood-working skills

Contact Mike Jones training@kcwoodworking.org for information on additional sessions!

Leigh Dovetail Jig Workshop

With Craig Arnold May 31st

Email training@kcwoodworking.org for details and to sign-up!

Stay tuned for June!

Build a Backsaw Weekend Workshops

Just the kit (12" x 3" x 0.020" spring steel with 13ppi punched teeth, slotted brass back and 2 split nuts) \$55

Kit + Weekend Workshop \$115 (WW+ and above, \$105)

Contact Rob Young ryoung@ieee.org for details.

**"Ease and speed in doing a thing do not give the work lasting solidity of exactness of beauty."
Plutarch (circa 46-120), from "Life of Pericles"**

Special Interest Groups — All KCWG Members Are Invited

Coming up!

Scroll Saw SIG : Wednesday May 14th 7pm

Flock Your Box

Don't forget to bring a small box so that you can practice your flocking techniques. Mark your calendars now and we will see you then.

Be sure to visit our Facebook website where you will find the meeting minutes and pictures. Also, read the monthly KCWG news letter where you will find a recap and pictures of our meeting when available.

— John Tegeler

Coming up!

Power Tool SIG : Sunday May 18th 3pm

Let's Make a Quiet Bandsaw

I came across a couple of Powermatic 141 bandsaws but they are not in perfect condition. We will be taking the 2 saws and returning them to their former glory with an additional focus on making them as quiet as possible. After all, who wants a screaming bandsaw? We will get started on bringing these saws back at the meeting. One of the saws will become a new addition to the Guild Shop.

See you there.

— Chuck Saunders

Coming up!

Hand Tool SIG : Sunday May 25th 2pm

Open Forum

We have covered a lot of ground in the past few years but some questions keep popping up. So for this HT SIG I'd like to invite you to bring along your hand tool sharpening questions and kit. Let's see what you can do, what you can show us and maybe figure out what is giving you grief. Sharp tools make the work easier, safer and MUCH more enjoyable. Remember, sharpening is a gateway skill.

— Rob Young



From The Shop

Warm, sunny weather is now here we all like to wear shorts and sandals. But, when working in the shop, open toed shoes, sandals, and flip-flops are not allowed. There is no problem wearing shorts while in the shop. Some sort of shirt is also required in the shop. In the safety note, it has been observed members wearing gloves while using power equipment. The Guild's Safety Policy is no gloves when working on equipment. You may wear gloves to protect hands from slivers and abrasion during

material handling, protection from solvents, and other hazardous materials, no gloves while using power equipment.

When finished scraping your project, please remove glue residue from glue scrapers. The glue is very difficult to remove after is completely cured. The tips on glue dispenser bottles should be cleaned and sealed after use. Clean glue residue from clamps that have been used for your project.

Have fun in the shop, think, plan, use equipment correctly, and exercise

good safety practices.

Guild still has one table saw (\$525.00) and one sander (\$30.00) for sale. If you're interested see me of any of the Officers.



— Erwin Kurtz

OPEN SHOP MAY 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 9a-1p Erwin Kurtz	2 6p-9p Scott Engelman	3 9a-4p Mike Jones
4 10a-4p Chuck Saunders	5 9:30a-12:30p Pat Brown 5p-9p Gary Strohm	6 9a-12p Gary Creek 12p-5p Craig Arnold	7 No Open Shop	8 9a-1p Erwin Kurtz	9 6p-9p Dave Kraatz	10 9a-12p Dave Kraatz 12p-3p But Schenke
11 Happy Mothers' Day No Open Shop	12	13 9a-12p Jim Stuart 12p-3p Gary Forister 3p-6p Ron Lomax	14	15 9a-1p Erwin Kurtz	16 6p-9p Brad Swatters	17 9a-4p Mike Jones
18 10a-3p Chuck Saunders	19 5p-9p Gary Strohm	20 9a-12p Gary Creek 12p-5p Craig Arnold	21 Monthly Guild Meeting 7pm	22 9a-1p Erwin Kurtz 6p-9p Kevin Thomas	23 6p-9p Dave Kraatz	24 9a-12p Dave Kraatz 12p-3p Bus Schenke
25 10a-2p Rob Young	26 Memorial Day No Open Shop	27 9a-12p Jim Stuart 12p-3p Gary Forister 3p-6p Ron Lomax	28	29 9a-1p Erwin Kurtz	30 6p-9p Brad Swatters	31 9a-4p Mike Jones

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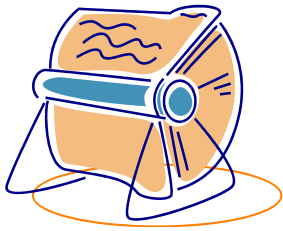
Marquetry By Night

chefroth@everestkc.net



Re-View
1235 Saline St
N. Kansas City, MO 64116





Next Safety Orientation

May 25th, 3pm at the shop.

Members, bring your waiver and completed test to get qualified to use the KCWG Shop!

Buried in nick-nacks you've made in the shop? Consider donating items to the monthly raffle!

Wood Words

Membership

Because of our rapid growth there is missing and incorrect information in the Membership database.

As Director of Membership I would like to insure that we have the correct information. The main issue has been with phone numbers and email addresses.

I will have a sheet at the shop for you to give us this information, talk to me when I am at the shop, or send an email with your name,

address, phone number (home & cell) and your email address to membership@kcwoodworkersguild.org.

For those that have shop privileges please check the emergency information on the back. If it is incorrect, please let us know.

Thank you.

— George Rexroad

Notes From April Scroll Saw SIG

The Scroll Saw SIG met Wednesday, 04-09-14, 7:00 PM, at the KCWG shop. The facilitator was Bill Evans and there were sixteen people in attendance including one guest.

Bill Evans and John Tegeler updated everyone on our efforts to attract the SAW Convention to the Kansas City area. Gene Jamtgaard from SAW spent two days touring several hotel facilities. He will now present his findings to the SAW Board of Directors.

Our program for next month's meeting will be a presentation on 'flocking' the interior of a box and will be presented by Don Wilckens. Everyone is encouraged to bring a small box that they want to flock so that they can get firsthand experience.

Show and Tell was next. Bill Nagle showed his 'Nurse' caring plaque and a 'Betty Boop' fretted motorcycle picture. Wayne Albright commented on his walnut intarsia flower box. John Tegeler explained his wooden 'lady bug' jigsaw puzzle and the box that held the pieces.

The evening's program was next. Bill Evans gave a presentation on how to buy wood cheap. He also demonstrated how to use a band saw to cut wood to a certain thickness.

The meeting adjourned at 8:30 PM.

— John Tegeler



Shhhh, From the Library

Preparing for a lively discussion in William Johnston's May 10th "Constructing a Traditional Journeyman Cabinetmaker's Toolchest" clinic, Yours Truly has checked out The Toolbox from the Guild's immense Library. Author Jim Tolpin presents a broad answer to that ageless question, "For the man who has everything, where does he put it?"

The book's 200 pages are divided

among twelve chapters. Toolbox examples range from the early days when tools were carried in crude boxes and baskets to later days involving internal combustion engines. Topics include traditional tool chests, (advanced) student projects, in-shop storage, wall cabinets, standing cabinets, rolling carts, jobsite boxes, open and covered totes, wheeled jobsite boxes and a van conversion resulting in an open road toolbox. Textile enthusiasts are not left empty-handed:

a tool *roll* is featured.

Some elaborately built and decorated toolboxes might boast the maker's woodworking skills to his future clients. Some appear to be furniture which can also hold tools. Some approach the complication of a secretary desk with hidden compartments. Some are purely utilitarian. Materials and construction range from fine hardwoods and joinery to pine, plywood and nails.

— C.J. Scheppers

Outside of a dog, a book is a man's best friend. Inside of a dog it's too dark to read.
— Grocho Marx

April Show and Tell

Apologies are in order as photos of the April KCWG general meeting Show and Tell items were not ready at the time of publication. They will be added to the archived copy of the newsletter on the web site when available.

In the mean time, please congratulate the following members and guests on their fine work:

- Sergio Rodriquez and his memory box of poplar and walnut finished in Tung oil. And his wall frame of walnut, poplar and maple.
- Matt Nowak and his strawberry planter made of cedar.
- John Johnson's game calls and squirrel baffler made from redbud, rosewood and other exotics
- Craig Arnold's latest box of walnut, white oak and redheart finished with Transtint dye, Danish oil and wax.
- Ken Moberg and his Longworth chuck made using the KCWG CNC machine
- Alan Antin's bench of barnwood and reclaimed stair treads finished with teak oil and wipe-on-poly.
- Ron Lomax, Erwin Kurtz and Rob Young for their 18th Century Parquetry sample boards.
- Walter Murphy's Back To the Future 3-d copy lathe.
- John Van Goethem's Moxin Vice hardware
- Mike Jones' kitchen knives with santoku and ulu wood handles.
- Bil Nagel's scroll sawn nurse plaque.

Events

The Kansas City Woodworkers guild will be hosting a booth at the annual [Maker Faire](#) in Kansas City this year.

The purpose of the exhibition for the KC Woodworkers' Guild is to get the work out to Kansas City attendees who are interested in "Making".

We would like to exhibit a couple of dozen completed "Show and tell" items. Please let Tim Locke know if you have interesting items for display.

In addition we would like to do some demonstrations. We plan to assemble some Dave Kraatz wooden toy trucks and give away to attendees. The exhibit will include toy assembly of part premade. Please let Tim or Dave know if you can assist in making parts or exhibit assembly methods. The Scroll Saw SIG has indicated they could do some demonstrations also.

— Tim Locke events@kcwoodworkersguild.org
cell 816 392 9889

More Information about Maker Faire can be found at www.makerfairekc.com

Union Station
30 W. Pershing Rd
Kansas City, MO 64108



A Case for Sixty Grit Sandpaper

— William Johnston

... i.e., building a case for using 60-grit sandpaper

A few years ago at The Woodworking Show I was offering passersby at the Kansas City Woodworkers' Guild booth an opportunity to try their luck using a handplane on hard maple ... many for the first time. The jack was tuned, sharp, and set fine like a smooth plane. The mark chosen would either be an inexperienced woodworker or perhaps a power tool only woodworker ... usually with an experienced buddy ... yes, you can tell them apart.

Now, while maple is a very hard wood, it is often of excellent quality and smooths very well. Never-the-less, I would tell the mark that we would be planing "butterwood" ... for confidence building, of course.

Almost always, the mark would be successful with an amazingly smooth cut that on maple is silky to the touch. Of course, I couldn't help but comment, "Now smooth that down with some 60-grit sandpaper and it will be ready for your finish.

If I had chosen correctly he would reply, "Uh! Yah." His buddy would poke him as they were passing and explain.

Machines leave marks. Planers and jointers leave visible lines across the grain made by the rotary cutters. This is true no matter how accurately you have set the cutters. Though others may disagree, the marks are there, especially visible under a finish. Of course, your #7 jointer does not leave such marks. A final touch with a #4 leaves a silky smooth surface on most wood. The power tool user often takes these machine marks out with sandpaper. The paper used may be on a belt, a pad, or random orbital sander, or with much more labor, wrapped around a block of wood.

We think we use sandpaper for smoothing. But that may not be technically true. I think we are almost always just removing machine marks and other defects to the appearance of the wood. This might be accomplished by starting with 100-grit paper along the grain, which does a nice job of removing the lines but causes its own visible scratches. Next we are advised to use even finer paper to remove the scratches from the previous paper until we are up to 300 grit or more to approximate what the finish plane would provide. It reminds me of Burl Ives singing about the "old lady who swallowed a fly. She swallowed a spider to catch the fly ...".

An interesting note ... read the directions on a can of Minwax Pigmented Oil Stain ... "Sand with 220-grit sandpaper". Now this does not mean sand with 220-grit paper or finer ... it means stop at 220-grit. Why? The surface needs to be fuzzy in order to have a place for the pigments to cling. In fact, if you plane your stock "smooth" with a handplane, you will be disappointed when the stain does not take well at all. You will need to "roughen" the silky smooth stock by sanding with 220

-grit paper and then stain.

So, we use sandpaper to remove machine marks that would show up under a clear finish, to flatten and level the surface and to roughen the surface to take pigmented stains ... but we do not get it smooth. Flat does not mean smooth and smooth does not mean flat. A glass globe is smooth but certainly not flat.

But I have another use for sandpaper ... at least for very course paper as noted in the title. By "course" I mean 60 or 80-grit. That other use ... "the case for 60 grit sandpaper" ... is for "carving". By carving I mean shaping the wood.

What? A woodcarver would certainly disagree. He/she would, of course, use a knife or chisel. But I use 60-grit sandpaper in old tool restoration of the wooden parts. A typical example is when an old tool has been abused or dropped, breaking or smashing the wood especially across the end grain. You've seen old saws and plane totes that have been dropped on their horns, sometimes repeatedly, breaking or smashing a horn. There is the inevitable rough spot where generally torn endgrain or splintered areas makes the handle both unsightly and irritating to use. Now imagine natural wear from handling or friction in the same areas. Natural use would wear wooden parts smooth like a gentle stream wearing down rocks but unlike rocks falling from a cliff shattering to produce sharp edges. The depressions in the wood would remain, just as if broken or smashed, but would produce a more favorable look and feel of the hand wearing down the wood over many years of use. When I find parts of a wood tool ... a saw or plane handle ... I "carve" the rough spots with 60-grit sandpaper to simulate the wear of the hand over many years of working with the tool. After the rough areas are smooth I move on to finer grits to further refine the "wear". I would, of course, not use the chisels of the carver as their result would not simulate natural wear.

Usually after producing this artificial wear with sandpaper I only then remove the finish, usually lacquer, with lacquer thinner or acetone using steel wool. I especially allow the finish removal process to extend the patina to the area "carved" expecting the smoothed area to be a bit lighter in color (much like natural wear) before refinishing.

While this technique works well with wooden tool parts, it also works well with old furniture which has similarly broken or smashed areas in places that you imagine would be subject to wear. Smooth the rough spots down to simulate use and natural wear (not abuse) and refinish. Be sure to make any repairs on old items before removing any finish to allow the "patina" remaining to extend to the repairs.

Often, the courser the grit the stiffer the sandpaper backing. I look for course paper that is the least stiff because it will not be used flat but fit to a curved surface or around a dowel for use.

As usual, comments and questions are welcome and may be addressed to William Johnston, johnston@everestkc.net

Moxon Vice Modification for Wood Threaded Screws

Test and Photos by William Johnston

My understanding is that there are only three people left that have not made a Moxon Vice. This is for you three and then only if one of you is going to make wood-threaded screws. Of course, if you have already made your vice with wood-threaded screws you can still easily make this modification.

I have been making wood threads for hand screws, vices, clamps and such for many years now and have never encountered a situation where I have damaged the threads.



Never-the-less, I worry about them. While it would seem likely that dropping a board on the threads would crush or damage the threads, this just hasn't happened. But I try to protect the threads from damage when I can. This includes my Moxon Vice.

Another name for the Moxon vice is a twin screw vice. For hundreds of years woodworkers have made them using wood threaded screws. The vice consists of two jaws ... a female threaded fixed jaw clamped to the workbench and a un-threaded movable jaw. These two jaws are connected by two threaded screws, each with a handle with a shoulder which presses against the movable jaw. Turn the twin screws (usually at the same time) to clamp a board between the jaws.



A common use for the twin screw vice is to clamp a board end-grain up between the screws for cutting dovetails and tenons starting on the end-grain. But the vice works just as service-

ably with a board on edge between the jaws for work on the edge, such a jointing or rabbeting. Often, this board rests on the twin screw threads in a traditional Moxon Vice.

A simple, non-traditional, modification to the vice will prevent damage to the threads when stock rests on the screws or is accidentally dropped on the screws. This modification is best conveyed by example.

I use one inch screws. The stock is turned ahead of the handle/shoulder to one inch diameter on the lathe and threaded with a threadbox to 1.75

inches from the shoulder. The movable jaw is drilled with a one inch bit and the un-threaded portion of the screw passes through it. Traditionally, the fixed jaw would be drilled with a 7/8 inch bit to thread with the tap. Now, here is the modification. Drill the fixed jaw with a one inch bit also. Do not thread the fixed jaw. Place separate nuts made from the same thickness material as the jaws behind the fixed jaw. Drill this nut with a 7/8 inch bit and thread the nut with a tap. I attach the nut to the fixed jaw with glue and four woodscrews.

Now, assuming you are using 8/4 stock for the jaws and nut, surfaced to 1.75



inches, you can leave the screws unthreaded to 5.25 inches from the shoulder and still open the jaws to 1.75 inches without any thread showing between the jaws. The screw threads are completely protected within the fixed jaw when opened up to 1.75 inches ... usually all the opening that is ever needed. Any stock being worked will sit only on the unthreaded portion of the screw.

If you have already made a Moxon Vice and have threaded the fixed jaw ... and if your screws are long enough, you can still make this modification. Make and thread a nut for attachment to your fixed jaw. Drill out the fixed jaw to the diameter of the movable jaw (one inch in my case). There is no need to turn new screws. If the thread between the jaws is damaged, no problem. This damaged thread will never enter the nut.

As usual, comments and questions are welcome and may be addressed to William Johnston, johnston@everestkc.net, 913-492-6942.



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May 2014, No 5

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Program : Building of the Thomas White Desk with Calvin Hobbs**

**Find Us : KC Woodworkers' Guild
3189 Mercier
Kansas City, MO 64111-3631**

Find us on the Web at

www.kcwoodworkersguild.org



Have a suggestion for the Guild? Idea for a program, clinic, workshop? Contact us using the emails to the right.

Next Safety Orientation

May 25th, 3pm at the shop.

Members, bring your waiver and completed test to get qualified to use the KCWG Shop!

"If you remain insensitive to the individual characteristics of the material you are working with and cut regardless to a predetermined, exact measurement, then the finished piece will lack a certain wholeness and be little better than something you could have bought from a factory."

- Graham Blackburn

Position	Name
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