



Wood Words

Kansas City Woodworkers Guild www.kcwoodworkersguild.org

Volume 21 Issue 3

March 05

Guild Meetings:
Jacob's Well Church,
1617 W. 42nd St.,
KC Mo. 64111

By-Law changes to be discussed at March meeting

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Books
George Rexroad

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February Raffle: Chris will have his usual assortment of fine tools!

Please thank sponsoring members; noted below for supporting our Guild.

Next Meeting Wed. March 16th, 7 PM

Program: Woodworking in the Corporate World with Tim Dyer of Sprint

Sawdust: The Presidents Corner

Wayne Wainwright



Now you know why - **Dave Kraatz** - received the Leadership Award last December. Thanks

Dave for stepping up at the last minute to conduct our program for a member who was ill last month. This type of leadership is what makes us work as a Guild!

On that note, I hope everyone will attend the March meeting to see **Tim Dyer** of **Sprint** present to us. So just how does a big company like Sprint take care of it's woodworking needs? Come and learn from Tim. He will discuss the full function workshop on the Sprint Campus and enlighten us on it's inner workings.

Well, the 2005 **Woodworking Show** has come and gone and by all measures it has been a

great success for the Guild. We conducted 6 demonstrations at the show, had a raffle of a **Jim McCord** box that was won by **Joyce Riedel** of Harrisonville, MO. We took 75 "qualified" names. A lot more people signed our book (160), but they were interested in the raffle only.

We will have a complete count of new members over the next couple months, but so far, we have at least 25 people who committed to join the Guild in the next 2 months. I expect that number to be higher before we are done.

That number alone would be 13 people more than the highest number we have had join in the past after one show. Our thanks goes out to **Mike Jones** for coordinating the event this year. Great job Mike!

We also picked up a new sponsors from the Show. **Woodline** has joined the Guild family and offers a

5% "club" discount. Look for them on our website and in our newsletter. 2 others; Klockit and Jevons Tool have

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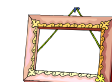
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also expressed an interest and we are discussing Sponsorship with them.

We will have a couple items of business to discuss this month. Our first proposal for a change to the Guild By-Laws. The addition of 2 new member types - **Associate** and **Senior**. We also will discuss the 2005 Toy Project. 2004 was a success and we are moving forward with 5 toys in 2005. We have lined up our Toy Captains and will need a few volunteers to assist.

Last year, we delivered just over 1,100 toys to United Way and are looking to double that number in 2005. If you are a new member, please seek out a Toy Captain to get the details.

Many people have not renewed as of the end of Feb. You will receive a notice on the newsletter envelope if it will be your last. Please arrange with Paul Twenter or Wayne Wainwright to pay in March to avoid disruption. If you receive the notice and you "have" paid, let Paul or Wayne know. Their numbers/email are on the first page.



A big Thanks to **Ken Sokol** for arranging the Animal Haven project for Jane Wilson (wife of Charlie at Woodcraft). The project was completed well ahead of schedule. **Dave Kraatz,**

Ken Sokol, Terry VanDyke and **Wayne Wainwright** have been working with The Rehabilitation Institute (TRI) to get them up and running with a production woodworking shop. Wayne and Terry have cleaned and tuned their circa 1967 Rockwell table saw and Dave and Ken have been offering design and production work advice.

Note:

TRI still has a job opening for a part-time (20 hrs wk) Project Supervisor in their shop. Interested? **Kathy Smith:** 816 751-7994 or 816 751-7700.

I know a couple of you have already contacted her. She is still evaluating all applications, but would like to have as many candidates as possible to make the best choice.

Program: Dave Kraatz - Tuning Hand Tools



Dave started out by mentioning that some of the more accomplished guild members use hand tools; **Mac Dressler** uses hand tools every day. If you get stuck with hand tools go see **Mac, Ken Grainer,** or **John Freeland** who is very good at making Dovetails. **Don Kruse** knows more about hand tools than any of us. **Jim McCord, Jim Childress, Frank Lane, Fred Chael, Russ Amos** and many others are hand tool users.

Many of us use hand tools and you should realize that hand tools don't make you any less dependent on machines. Dave says you can do a lot of woodworking without even picking up a hand tool and a lot of our members do it. That's O.K, but he says the longer you do wood working the more intricate you get the more you will realize the need for hand tools.

Particularly if you are repairing antiques, or period reproduction furniture, like **Mac Dressler**. If you are doing **Shaker,** or **Early American** Furniture, they were done with hand tools, and because the way they made joints, it simply does not suit a machine and the jigs we use today. Within building this type of furniture, or any type of inlay or period joinery like, a mortise lock on drawers, you will find yourself needing hand tools.

The priciest hand tools will not make you a better woodworker, but bad or ill tuned hand tools can discourage you from becoming one. The major difference in power tools and hand tool woodworking is this:

- With power tools you usually cut to your line
- With hand tools you mark the line, cut wide of it and trim, pare, plane and fit to the line
- It is critical that tools cut where you place them.

Basic Hand tools: Marking and measuring, Sawing, Planes and scrapers, Chisels

When tuning up your hand tools REMEMBER THESE THREE WORDS: **Clean**, de-burred; make it friendly to your hand. **Adjusted** or easily adjustable. **Sharp** - if they're not sharp they won't work well. They will cut effortlessly if they are sharp.



Marking and measuring tools: Squares, adjustable squares and rules. Check for burrs, nicks and rust, check for squareness

with a “reference” square. Check for a dot of glue for example being on your square. File off burrs and nicks. Use a very fine abrasive block to remove the rust.



Dave uses a hand block, the sand flex hand block is like a gritty eraser, with very fine grit. Clean and oil adjustment points, make sure that adjustments are easy. Coat with one drop of light machine oil. For tapes you will want to clean them, check the hook, and adjust your saw fence to the tape.

Find a tape that can be read easily and use only that tape when you work. If your working on a project and use a different measuring tape the measurement probably won't be the same.

Saws: Clean dirt and pitch, inspect for rust, bends and nicks.

Make sure the saw is sharp and properly set. Clean off rust with an abrasive block, coat with one drop of light machine oil. Store

safely and protect teeth from touching other tools or hard surfaces.



Sharpening: Dave showed and explained the basic principle of sharpening. Dave suggests you need to get rid of the mill on the back of your blade. The mill marks are half a thousandth inches deep. That is the only part of the blade that actually cuts. If you don't polish the scratches out

and the scratches get to the edge, they make little V grooves. Those little V grooves do not cut smoothly, they will give you a ragged cut. So be sure to remove the mill marks.

This is the same for diamond, water stones, sand paper, Arkansas, and carborundum, (Tormek.). Use a honing guide, if you need to.

Planes and scrapers: Clean off sawdust, bench dust, glue and crud, Don't blow with your breath. It will create moisture and cause your tools to rust. Inspect for burrs, nicks and



rust. File or stone burrs and nicks, clean rust with an abrasive block.

- Adjust the frog, blade depth adjuster, chip breaker
- Sharpen and hone to a very fine edge
- Set frog for light cut, set chip breaker 1/32 – 1/16 from the edge
- Re-assemble (finger tight adjustment) and try, to correct any problems
- Coat with 1-2 drops of light machine oil
- Repeat for fixed blade scrapers
- Repeat for card scrapers

Chisels:

- Clean dust, pitch, and glue
- Inspect for burrs, nicks, and rust
- File or stone the nicks and burrs, clean the rust with an abrasive block
- Sharpen and hone to a fine edge, DO NOT use the steel rule technique on chisels



Other Hand tools:

- Clean
- Adjusted or easily adjustable
- Sharp

Dave Kraatz is willing to schedule a sharpening seminar at one of our sponsor shops for a Saturday morning. You can bring your planes, chisels and scrapers and Dave will show you how to make them cut properly.

Thank you Dave for putting on a demonstration for us and sharing your information about Hand Tools. Good Job.

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Shop Safety

Chuck Slagle

CIRCULAR SAW SAFETY LESSON PLAN



The seven areas for the safe use of circular saws:

- Workplace and attire considerations.
- Saw in good working order and properly set up.
- Blade considerations
- Securing work piece and making the cut.
- Making common cuts.
- Controlling kickback
- Finishing your work.

Completely read the operators manual before using the saw.

Work Place and Attire Consideration:

- Create a work area free of hazards.
- Clean and neat and free of clutter
- Well lit
- Away from explosive atmospheres.
- Dry
- Free of children, pets and other visitors

Pay attention to attire:

- No loose hair - tie it back.
- No loose or baggy clothing.
- No loose jewelry

- Always wear safety glasses. Look for the ANSI Z87.1 mark. Regular glasses are not adequate as safety glasses.

Saw in good working order and properly set up:

- Cord in good condition
- Lower guard operating freely
- Switch operating properly
- No broken or misaligned parts on the saw
- Cord free and clear throughout the entire run of the cut
- Make sure the switch is off before plugging in the saw
- Only use blade washers and bolts supplied with the saw
- Never run the cord through water
- Do not alter the plug in any way
- Unplug the saw or remove the battery pack before changing the blade or making any adjustments
- Adjust the depth of the cut so no more than the height of a blade tooth protrudes through the wood being cut
- Make sure all adjustments are right before plugging in the saw and starting the cut.

Blade Considerations:

- Use correct blade for application
- Use right size blade
- Use sharp and clean blade
- Use a blade with a speed (RPM) rating equal to or greater than the RPM rating on the saw
- When changing a blade always unplug the saw
- Use the blade wrench that is provided with the saw and make sure it is removed from the saw before restarting the saw
- Recheck the lower guard for free operation after changing the blade and before plugging in the saw.

NEVER CLAMP A SAW IN A VISE OR MOUNT IT IN ANY WAY TO MAKE IT OPERATE LIKE A TABLE SAW.

Book Report

Dave Kraatz

“EASY WOODWORKING PROJECTS”



I borrowed a copy of The Complete Guide to EASY WOODWORKING PROJECTS, by BLACK&DECKER, from my local public library and I am very impressed with this book because it provides a very good starting point for beginning

woodworkers.

There are 50 projects that can be built with basic hand tools and a small array of hand power tools like a circular saw, drill, jig saw, palm and/or a belt sander, router and power miter saw.

With these tools and a small workspace with a sturdy work table, you can turn out some very nice projects using materials available at most home center stores.

The projects are designed to eliminate difficult joinery like mortise and tenon and dovetails. With care in fitting and finishing, these projects may be proudly displayed in any circle of woodworkers.

Building a few of these items can prepare a beginning woodworker with the skills necessary to move on to more complicated joinery projects. The plans, photographs and text on the building process are excellent guides to completing these projects successfully.

My favorite projects are the Mission Window Seat on page 62, the Knickknack Shelf on page 94 and the Library Table on page 162. I highly recommend this book to all aspiring woodworkers because it defines a very solid place to start collecting the necessary tools and building the skills necessary for a lifetime hobby of woodworking.

I am expecting to see many of these projects in the future Show and Tell sessions of our Guild

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Want to help cut guild monthly costs? Consider receiving the newsletter via email. It is faster and comes in color. If you are interested, please send an email to Wayne Wainwright at: wwrig@kc.rr.com, or add your email to the Attendance list at the monthly meetings.

Newsletter Deadline: 1st of the month:

Please send all submissions for articles, tips, want ads announcements and anything else to Wayne Wainwright: 816 453-1073 email: wwrig@kc.rr.com

4214 N Brighton Ave KC. MO. 64117

Member of the Month

Brian Kemp

rently involved in the Craftsmanship recognition program trying to get better.

Rick Hetherington



What is your specialty in woodworking?

I'm not sure I have a specialty. I still have too much to learn.

How many years have you been woodworking?

I started in high school many years ago and really got back into it about 4-5 years ago.

What is your favorite hand tool and why?

A chisel or plane. Now if I could just figure out how to get them sharp! I love to see a fine shaving of wood peel off or a sharp chisel clean out a dado.

What is your favorite power tool and why?

Probably the table saw because it is so basic although since I made my router table I'm finding that I really enjoy using the router. You can do so much with it.

What is your favorite wood to use and why?

All of it. I use mostly oak and walnut but really have started enjoying using figured wood, curly maple, etc.

What is your most favorite project you have built and why?

Probably a collector's cabinet. I've made 4 of them now. The first two were for my wife and my Mom to use as spool cabinets since they both make quilts. The last two are nightstands beside our bed.

What is the best deal you have gotten on a woodworking tool?

Probably my Performax 16-32 drum sander. I got it at Amazon.com for around \$800 for the sander, stand, extension tables and 4 rolls of sandpaper. No tax, no shipping.

What guild activities have you been involved in, how many time/or how long?

I've attended several of the mentor programs and am cur-

What has been your favorite guild activity?

The demonstrations at the meetings and the mentor program.

What Shop Tip can you give us?

I don't work in the shop if I'm tired.

Thanks Rick for allowing us to feature you this month.



Show & Tell - Show Pictures



Rick Hetheringtons Walnut & Maple Tool Chest



Anthony Harris' natural edge bowl



Greg Halls chair and footstool made of Aromatic Cedar



Don Kruse' circa 1865 Hand Made Drill



Ken Sokol's Rocking Horse chair



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Kansas City, MO. 64141

Meeting Minutes

New Members & Visitors: Van Ferguson, Debi Overton, Rex Collier, Bill Schreier, Floyd French, Mark Hooper, - Brian McClellan

News:

The Guild is working on introducing scholarships to professional wood-working schools (i.e. Mark Adams of Indiana and Kelly Mehler of Berea Kentucky and Red Rocks College in Colorado). We are working out the details on cost and how it will be paid for the members who earn the right to go.

Jim Doyle is opening a gallery and has space available for woodworkers who may want to display their work. Booths are 4ft X 8ft at \$45 a month. Talk to Jim if you are interested: 913 334-2054

Jim Bany sander from the Woodworking Show is in ShopNotes: Issue #37

Current Budget: \$4,805

Tool Talk:

Dave Kraatz answered a question from last month about router bit speed and gave out a chart and catalog from Woodline America. **Russ Amos** bought a new 18-inch Rikon Band saw. It definitely cuts the wood he says. Someone talked about Rock Hardwoods and was wondering if anyone has purchased wood from them. Rock Hardwoods carries Maple, cherry, walnut, red oak. He also brought in three samples. Prices are \$1.50 to \$3.00 a board foot. Native Lumber. **John Maciel** bought a router table with a 3 ¼ horsepower motor and micro-adjustment for around \$200 from Lowes. He had his old router table in the back free for the taking.

Raffle:

Name Tag: Kevin Mc Andrew won a clamp, George Rexroad won the extension cord, Walt Caplinger won the WD 40, David Bennett won the gloves, Bill Kuhlman won the Duct tape

Toy Project: Wayne Suter won the wrenches, Ken Grainger won the scroll saw, Jerry Jennings won the extension cord, George Rexroad won the turbo lock wrench, Jim McCord won screwdriver bits, David Bennett won the hand brush

Show and Tell:

Don Kruse brought in a hand drill made by Hodge kiss around 1865.

Rick Hetherington brought in a tool chest made from walnut and

Calendar

Executive Meetings, 7:00pm Kansas City Public Library 1410 W 10th St. KC MO 64105

Guild meetings, 7:00 p.m., Jacob's Well Church, 1617 W. 42nd St., To reach us "during the meetings, call: KCMO. (816) 561-8177

Executive Meetings

Guild Meetings

2005

January 12th
February 9th
March 9th
April 13th
May 12th
June 8th
July 13th
August 10th
September 14th
October 12th
November 9th
December 14th

January 19th
February 16th
March 16th
April 20th
May 18th
June 15th
July 20th
August 17th
September 21st
October 19th
November 16th
December 21st

All members are welcome at any board meeting. A call to one of the Officers is all that is necessary.

maple.

Anthony Harris brought in a closed-form bowl made from Osage orange. It has a polyurethane finish and the points of interest are the magnets and the challenges are levitating the bowl.

Anthony Harris also brought in a natural edge bowl made from oak and has a polyurethane finish. And the point of interest is: the worm goes in the worms come out.

Ken Sokol brought in a picture of a rocking horse chair made from maple and has a poly-acrylic finish. The point of interest is the bent wood.

Greg Hall brought in a chair and a footstool made from aromatic red cedar. It has no finish on it and it has a good smell. The challenges are free form- "function follows form"