

Central Minnesota

C M W A

Woodworker's Association

NEWSLETTER

APRIL 2023



APRIL MEETING—HAND TOOLS

Our April meeting topic is hand tools. We will separate into four groups and rotate with 15 minutes attending each station for a short talk followed by Q & A and demonstrations of the individual tools.

- ◆ Compare new to vintage tools.
- ◆ Compare brands.
- ◆ Ask questions about your own tools.
- ◆ Get advice on use, sharpening, and where to purchase.
- ◆ What tools should I have in my toolbox?
- ◆ What tools do I need if I am a power tool woodworker?



THE FOUR STATIONS WILL BE:

- ◆ Chisels
- ◆ Bevel up planes
- ◆ Bevel down planes
- ◆ Hand saws

Come to Wednesday's meeting and pick up some tips from our own woodworking members!

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FROM THE PRESIDENT'S BENCH

Don Peterson
CMWA President

The approach of spring and summer marks a woodworking transition for me and many of you. Gardening activities and other outdoor projects take precedent and summer activities start to take over. My most recent project is more garden stakes; I don't know where they go but we need more every year!

The Kumiko workshop we held on April 11th was a success and a lot of fun. I am hopeful we can use it as a model for future free workshops for the membership. Future workshops could include skill building or small projects. Let me know if you like the concept and have any ideas for topics.

Our April meeting topic will be hand tools. This is a favorite topic of mine. I enjoy using and restoring vintage tools. I also like using hand tools made by current toolmakers. Join us for the meeting and participate in a little hand tool talk.

Stay Safe,
Don Peterson

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WANT TO CONTACT A BOARD MEMBER?

Try: cmwa.member@gmail.com



The CMWA is a group of men and women from around the St. Cloud, MN area who share a common interest in the art and business of woodworking.

We meet monthly and share information, techniques, and topics of interest in woodworking.

www.thecmwa.com

MARCH MEETING HIGHLIGHTS

The March 15th meeting topic was about boxes with a focus on mitered boxes using the recent box class project as an example. Don Peterson was the presenter. The mitered box class was taught by Don Peterson and Tim DuBois.

Boxes are a great foundation project for all our woodworking. They allow great skill building opportunities as well as the ability to experiment with design and joinery on a small scale. The class project presented tips on pre-cutting the box sides to allow cutting a lift off lid after the box was assembled. The mitered box also allows pre-cutting rabbets and dados through the box sides without worrying about stopped dados.

We briefly touched on other box types including dovetailed, box joint, and lock rabbet joints. These could be topics for future CMWA classes.

SLIDES FROM “MAKING A MITER-FOLD BOX” CLASS

BOXES
with a focus on Mitered boxes

Use the recent class project mitered box as an example



A common element of the last four classes we have held has been the miter joint

- Frame class
- Live edge bench
- Mitered box
- Veneered box
- Even the Kumiko panel


Small boxes are easy and quick to make

- They can be made with short cutoffs from another project
- They can be elaborate or very simple
- You can experiment with different techniques on a small scale
- They make great gifts

- Boxes are a foundation piece of many of the things we make
 - Drawers, casework, furniture
- The techniques used in making small boxes are transferable to larger projects

Advantages of making mitered boxes


- Grooves and rabbets can be cut from end to end on all sides, stopped cuts are not required like a dovetail or box joint
- Miter-fold process. Joints can be taped and the box folded
- Grain can flow continuously around the box
 - One joint won't match. This can be overcome by resawing the board for the sides



MORE SLIDES FROM "MAKING A MITER-FOLD BOX".



Cut grooves and rabbets first

- The mitered box offers the advantage of cutting grooves and rabbets in the board before cutting the miters for the sides. Helps insure perfect line up of the grooves.
- Cut the 1/2" grooves that will create a lip for the top when the box is cut apart
- Cut a groove for the box bottom
- Cut a rabbet for the Kumiko panel in the lid or cut a groove to hold a solid panel
- Sand and finish inside of the box being careful not to finish any areas that will be glued
 - Shellac is a good choice of finish for the inside of the box. Oils or varnishes will smell for a long time. We used Zinsser Seal Coat cut 50%





Prep box for glue up

- Cut box bottom to size
- Rabbet to fit groove in box side
- Line up box sides in order against a straight edge and tape them together
- Check miters are square to the straight edge
- Fold box together with bottom inserted and check miter fit
 - If the top is captured in a groove insert it at this step also
- Prep clamps and glue up box
 - Don't overapply glue resulting in squeeze out. Especially inside the box.
 - Using hide glue for the bottom allows extra time to position the bottom


Cut the side miters on a table saw sled

- Mark the sides to keep track of the outside of the board and the correct order to maintain grain match around the corners
- What is important in cutting the box side miters
 - Start with four square material, all the same thickness
 - 45 degree angle accuracy
 - 90 degree angle to the bottom and top
 - Length of opposing pieces is the same

Cut the Box Apart

- The box can be sanded before it is cut apart
- Plan the cut so the top will completely overlap the lip on the bottom
- Level the box bottom and top with a block plane or sandpaper
- Fit the overlap of the box bottom and top using a shoulder plane or sand
- Apply finish of choice




SHOW AND TELL - Making a Miter-Fold Box



At the March meeting, Tim DuBois showed the walnut folded miter box he made at the Bob VanDyke class. The box had a quarter matched veneer top and was finished with several coats of shellac.



Don Peterson showed the “waterfall bench” he made at the seminar led by Grant Kaihoi in February. He also brought along the mitered box with a Kumiko panel that was the project in

If you would like to read more about Grant Kaihoi, visit : [Grant Kaihoi](http://grantkaihoi.com)<http://grantkaihoi.com>

Read about his woodworking journey and see examples of his work.



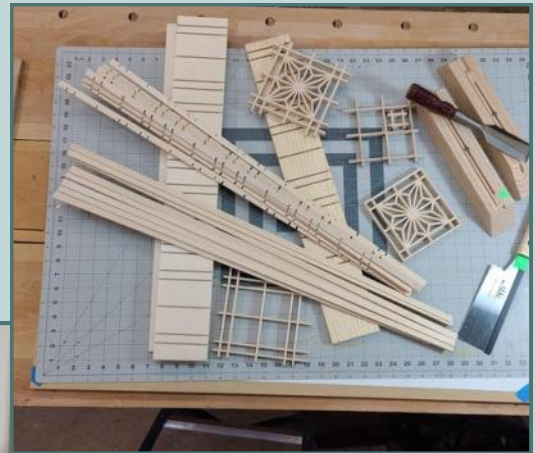
Gail Ivers brought in the frame she made at a CMWA class. (She got away before I could take a picture of her holding her framed artwork. Sorry, Gail!)

KUMIKO WORKSHOP - April 11, 2023

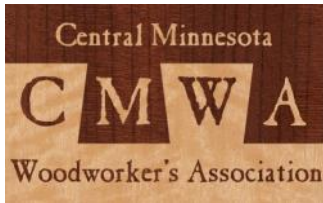
Six members attended the Kumiko workshop. Working from 5 to 9pm, most everybody finished their panel. We mostly worked with the Asanoha pattern using basswood pieces. The grid work was all pre-cut and ready to glue up. The CMWA has 8 sets of the jigs used for trimming the angled pieces on this pattern. The most popular Japanese style saw for cutting the pieces was a Suizan 6 inch pull saw.

Here is a link to it on Amazon:

https://www.amazon.com/SUIZAN-Japanese-Dozuki-Dovetail-Woodworking/dp/B07314SWRF/ref=asc_df_B07314SWRF/?tag=hyprod-20&linkCode=df0&hvadid=241955516116&hvpos=&hvnetw=g&hvrnd=8497771792531349772&hvpon=&hvptwo=&hvmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=1016367&hvtargid=pla-447640273335&th=1



Central Minnesota
CMWA
Woodworker's Association



THE CENTRAL MINNESOTA WOODWORKER'S ASSOCIATION

in partnership with the

PARAMOUNT CENTER FOR THE ARTS

is offering the following classes for 2023.

CLASS SCHEDULE

All classes and events are held at the Paramount Tech Center

248 33rd Ave South

Waite Park, MN 56387

Registration is open for classes listed on the Paramount web site. Follow the link below to see the listings for all upcoming Paramount classes that are organized by the month.

<https://paramountarts.org/calendar/>

THE JOY OF WOODWORKING WITH MARK VOIGT

Three Mondays April 10, 17 & 24, 2023, 6pm to 9pm

Instructor—Mark Voigt

Fee: \$135

Experience Level: Beginner, no prior experience needed

In this class, you will learn how to safely use the Jointer, Table Saw, Band Saw, Planer, Router and various sanders. The project you will create while learning safe operating skills with these basic woodworking machines will be an elegant serving tray. Elements of joinery, design, wood selection and finishing will be part of your hands on woodworking experience.



Register here: https://paramountarts.org/event/introwoodworking_042023/

CMWA—2023 EVENT SCHEDULE

April 19 - Meeting

May 4 - Open shop

May 9 - Open shop

May 17 - Meeting

Jun 1 - Open shop

June 13 - Open shop

June 21 - Meeting

July 6 - Open shop

July 11 - Open shop

July 19 - Meeting

August 3 - Open shop

August 8 - Open shop

August 16—Meeting

September 7 - Open shop

September 12 - Open shop

September 20 - Meeting

October 5 - Open shop

October 10 - Open shop

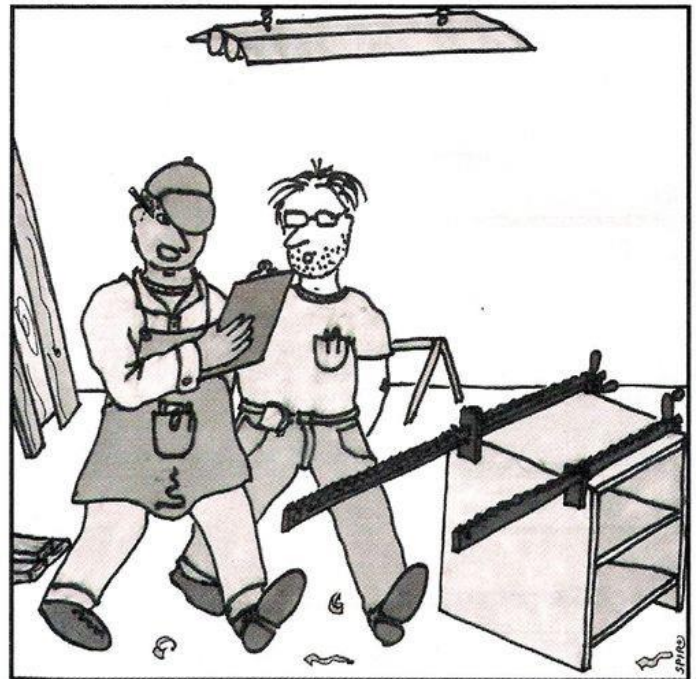
October 18 - Meeting

November 2 - Open shop

November 14 - Open shop

November 15 - Meeting

December 7 - Open shop



“...so, these two cabinetmakers walk into a bar...”

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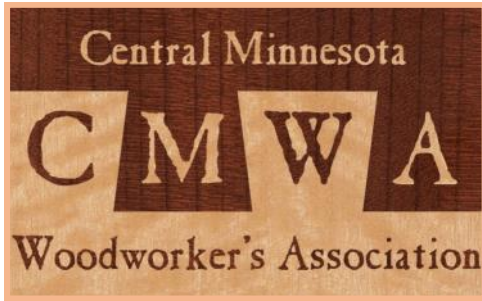
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Central Minnesota Woodworkers Association
c/o Paramount Center for the Arts
913 West St. Germain Street
St. Cloud MN 56301

2023 ANNUAL MEMBERSHIP RENEWAL

By becoming a member of The Central Minnesota Woodworkers Association, you can take advantage of these benefits!

- ◆ Monthly Educational Meetings
- ◆ Networking with area woodworking enthusiasts
- ◆ Guest Speakers and Seminars
- ◆ Discounts at retailers & mail catalogs
- ◆ Our monthly newsletter by email
- ◆ An ability to ask questions of members through the CMWA web Site

Existing Member Name: Name _____

Any changes to Address, Phone or Email ? _____

New Member Name: _____

Address : _____

Phone : _____

Email: _____

2023 Dues Renewal: \$30

Donations: (Any amount is appreciated) \$ _____

We are a volunteer club.
A little help from all of us makes it all easier!

Check out our Web Site for Club Meetings and topics

www.TheCMWA.com