



Volume 28 No. 5

May 2024

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**June 4      General Meeting      Yacht Club      7:00 PM      Spring Challenge - Plywood.**  
**June 22    Business Meeting    Little Italy      8:15 AM      All Members welcome**  
**July 2      General Meeting      Yacht Club      7:00 PM      Projects done with Grandchildren**

**Business Meeting Highlights:** Attendance about 30 (all members welcome)

Steve Bolton will be presiding over the June General Meeting in Nancy’s absence.  
(1) wheelchair ramp removal this month.  
The Our Place Phase I expansion cabinet build is close to being completed.  
Our Place has another request for building (2) smaller cabinets.  
The Toqua sports bar cabinet plans have been approved.  
Treasurer: current club balance is \$21726.  
Membership: 286 members.  
Wood Operations: a pizza lunch was held for the Public Works employees to thank them  
Vince reported that there are (5) poplar logs that are going to be towed by boat to the Clear  
Creek boat ramp and the POA will be there to load and deliver them to the kiln area.  
Vince also reported that he spoke with a person who has a large poplar tree available for the  
club. The builder agreed to cut the tree into 9-foot lengths plus deliver the logs to the kiln  
area.

## **Business Meeting Highlights:** Continued

August Picnic: We will be collecting items listed on the Monroe County Boys and Girls Club wish list (including socks) at the Picnic in August.

Wood Cutting Schedule: Next woodcutting is cutting is scheduled for June 10th

Website: The Resource Book and website is in the process of being updated

Future programs will consist of:

- July – Projects done with grandchildren.
- August – Tool Swap
- September – Shop Tours

Barry Brandt inquiring about availability of Chota A for the TFT December meeting.

Woodworking 101: Sign Up at next general meeting if you are interested.



## **Volunteers needed**

### **Spring Challenge June 4th meeting**

Spring Challenge program is ready to go but we will need several volunteers to count votes. **Contact Neal Wilson [crawil@charter.net](mailto:crawil@charter.net)**

### **Wood Cutting:**

Requests for Additional help - **Contact Bob Brown [xxpat@charter.net](mailto:xxpat@charter.net)**

### **Historic TVWC documents/items volunteer request**

The club is revising the role and activities of the club historian, and is looking for volunteers to assist in converting archived print materials to digital media. If you have access to a scanner and are available to help us digitize our historical records,

**Contact Ben La Pointe, [benclapointe@gmail.com](mailto:benclapointe@gmail.com)**

### **Meeting Programs:**

Requests for future program ideas - *Neil Wilson*

At every meeting we try and have a guest speaker, or member participation event. If anyone has a program idea, or wants to provide a certain woodworking experience you have, **Contact Neil Wilson [crawil@charter.net](mailto:crawil@charter.net)**

# Tellico Village Woodworkers

## 2024 Spring Challenge - June 4th Meeting

This year our challenge is to make something that will challenge us in a different and maybe even artistic way. We are challenging you to be creative, original, distinctive, decorative and useful all at the same time. The challenge this year involves plywood. With the wide diversity of ideas and skill levels within the club, we felt that plywood would be an excellent choice to explore unique ways to include plywood into your wood design projects.

- o Furniture
- o Cabinets
- o Toys
- o Tools
- o Displays
- o Wall Art

Our Judging Categories:

- # Best Craftsmanship
- # Best Original Design (Creative, Imaginative)
- # Distinctive (Eye Catching, Appealing)
- # Best of Show

Awards will be made in each category. Voting members in attendance will determine winners.

### Rules:

1. Projects must be present for consideration of awards. Photographs of projects not present may be shown but are not eligible for awards.
2. Plywood should be the primary component, but needn't be the only one.
3. The project may be finished in any manner that is safe and non- toxic.
4. Any other materials may be incorporated into the project. For example, metal framework, glass, leather, etc.
5. The finished project must be able to fit through the elevator door if necessary.
6. If desired, you can create your own plywood for the desired effect.

Note: there is no need to sign up for this challenge in advance. Entrants will be invited to discuss their project(s) prior to voting.

We look forward to seeing your project at the June 4 meeting.

Good luck!

Neil Wilson, Spring Challenge Lead - Ned Miller, Programs Chairman

### Dictionary

Definitions from [Oxford Languages](#) ·

a type of strong thin wooden board consisting of two or more layers glued and pressed together with the direction of the grain alternating, and usually sold in sheets of four by eight feet.

# Thank You Jordan Campbell - Boys & Girls Clubs

## How you have helped

The money donated to us helped a desperate family in need



The crafts provided has brought a lot of joy to the members and is going to make perfect mothers day gifts



The provided hooks have helped us be in compliance with BGCA and will help several other clubs as well.



## How it started:

At a business meeting John Johnson was asked to see what Woodworkers could do for the Madisonville Boys and Girls Club. Rich Ganch and Tom Borloglou volunteered to help. Rich and John went to Madisonville to see what could be done and found the club to be very well run by an intelligent young lady Jordan Campbell.

The two projects to start with were backpack hooks and some cut outs for the kids to paint. Samples were made and taken to Madisonville to be approved and shown at the Woodworkers meeting.

Two weeks later we had about 200 hooks and 80 flower cut outs. All was delivered and we asked Jordan to come to the club meeting and talk about the Boys and Girls Club.



# May Presentation

## Randy Neuhaus - Drying small quantities of lumber.

### Three Methods of Drying

- Air Drying
- Solar Kiln
- DIY at home drying

### Air Drying

- Start with LEVEL solid base
- Pick open area, avoid low, damp or boggy areas
- Keep away from tree cover
- Don't pick the sunniest spot either
- Keep wind direction in mind
- Seal the ends (latex paint or sealer)
- Stickers between layers
- Weigh down or strap the pile
- Cover top but not sides – want good air flow.



### Why - \$ or no other way

Moisture Content

Varies significantly by species

Goal to <25% - Kiln

Timing Varies by Species

Without Kiln – 15 to 20%

Reach EMC (Equilibrium Moisture Content)

1" Board 45-60 days to dry to 15 to 20%

(Depending on species and climate)

1 year per inch of thickness

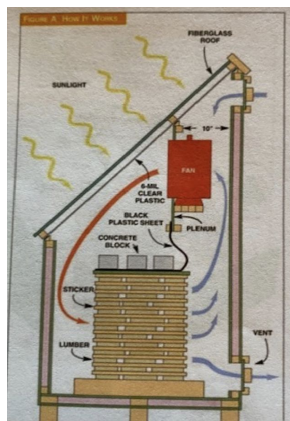
What about bugs??



### Solar Kiln

#### How it Works

- Solar Energy enters through fiberglass roof
- Sun's radiant heat hits the dark interior and heats the kiln
- Solar fan moves the air



#### Solar Kiln or Greenhouse? Repurpose!

- Good helpers are important!
- Timing in kiln – depends 2 to 4 months
- Temperature depends on season
  - 80 outside reach 140 degrees inside
- Heats during the day and cools at night



# May Presentation

## Randy Neuhaus - Drying small quantities of lumber.

### DIY Wood Dryer

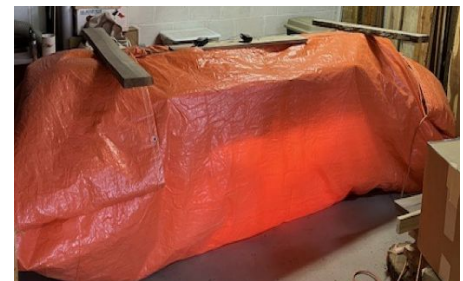
Empty Drying Bed  
Base – Blocks & 2x4s  
Fan & Dehumidifier  
Heat Lamps  
Concrete Insulating  
Blanket



Instrumentation  
Temperature and Humidity Controller  
Wood Moisture Meter  
Temperature Probe



Loaded Drying Bed  
Heat Lamps  
Fan  
Insulating Blanket  
Not airtight!



Start-up  
Set Max Temp to 110 degrees  
Two / Four Lights

Timing  
Species  
Moisture Content at start  
2 to 4 weeks if < 20%  
Last 12 - 24 hours Max Temp 140

Concrete Blanket	\$175
Temp/Humidity Controller	\$35
Heat Lamps	\$40
Dehumidifier	\$75
Box Fan	\$30
Misc. Items (ext. cords, 2x4, blocks)	\$100
	\$455

My Cost \$250 +/-

### May Show and Tell



#### Barry Brandt - Square Bowl

Made from Pine in the Woodturning class at Arrowmont last month. Barry said that it's not the easiest thing and that this bowl is the second attempt. The square tips are easy to break off because when it is spinning you don't see the corners, you see the air between them. Credits to club member Ron Comtois who led this event.

**WINNER of Wood sale first pick.**

# May Show and Tell

## Mike Smith - Butterfly Jewelry Box

First mistake was using a no. 5 blade instead of a 7 on my scroll saw to cut curly maple for the box. It left many burn marks. Second mistake: to get the burn marks out, lots of sanding, too much sanding which left some of the wall section thin. Third mistake: Just flip the over sanded part to the bottom of box where it won't be noticeable. Glue the box up and then put the shaped butterfly wings lid on box. Only problem: the wings in the butterfly pattern are not really symmetrical so now the lid won't fit. So now, I either need a new butterfly lid or new box. So, when all is said and done, I made a second box for the one top and a second butterfly lid for the first box. Two Butterfly boxes.

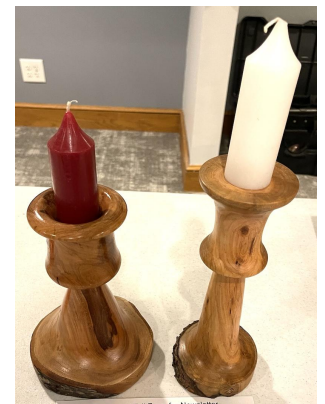
Mike thanked Dennis Smith for the April presentation of the WAINLUX K6 Laser Engraving Machine.

Woodworker math: one mistake begets another mistake begets another mistake equals TWO Butterfly Jewelry boxes.



## Dennis Smith - Live edge candle holder

A Neighbor gave Dennis a log from a cherry tree he cut down 9 months ago. A good way to get rid of a Cherry Log.



## Don Taylor - Bud vases and Picture Frames

Black Walnut firewood and Cherry firewood Bud vases.

Picture frames made from reclaimed 140-150 Oak barn wood from Ohio. Photos, a Loon and a Butterfly, are taken by Don's daughter. Don's wife grew and preserved the straw flowers.



# May Show and Tell

## Phil Roels - Ambrosia Maple Box

The added inlaid oval burl and narrow pieces of banding around box lid were learned from a inlay mentoring class by mentor Dick Hoffmann.



## Doug Ingrao - Puzzle table

Made from reclaimed Rock Maple (old cabinet doors)

Take it apart and put it back together without tools, which makes it easy to transport.

Pins are Purple heart and rod going through whole top is Black Walnut.



## Dick Hoffmann - Square Maple Bowl

Wood burning pattern inside the bowl is a fish scale pattern.





# May Show and Tell

## Dick Hoffmann - Egg in an Egg

Osage Orange Egg in an Cherry Egg on maple stand held on with magnets.

Dick saw this process at a demo at the Smoky Mountain woodturners at Woodturning class at Arrowmont last month. A very interesting process because the egg hole is turned off axis. Dick also had to be very accurate making the inside egg, which is made a millimeter or two larger than the hole and pushed in. You can't get the egg out because it's in far enough that you can't get a grip on it. It is in there for good.



## Randy Brabant - Intarsia

Made from black walnut, holly, cherry, and Poplar



## Glenn Nief - 3 Mothers Day Cards

Starting with three sheets of red, yellow and white veneer, I cut thru all three one tulip petal at a time with an exacto knife. After the three petals were cut, I assembled them into contrasting tulips. Glued each of the three veneer sheets to 1/4" baltic birch plywood and added a birch wood border. Final touch was to woodburn the stem.



## Bill Van Brunt - 2 Beads of Courage boxes

Two boxes made from Red Oak with Walnut spline accents on the mitered and corners. Both boxes have lift off lids.



## Beads of Courage boxes

[tvwoodworkers.com/helping-our-community/beads-of-courage/](http://tvwoodworkers.com/helping-our-community/beads-of-courage/)

### How Does it Work?

Upon enrollment each child is given the Beads of Courage bead color guide we call the Beads of Courage Bead Prescription (available from Beads of Courage, Inc). Their Beads of Courage experience begins when each child is first given a length of string and beads that spell out their first name. Then, colorful beads, each representing courage during their treatment experiences are given to the child by their professional health care provider as determined by the Beads of Courage Bead Prescription. As beads are added to their Beads of Courage collection, children and teens can RECORD, TELL, and OWN their stories of courage.

**The Beads of Courage Program is available for the following:**

#### **Cancer and Blood Disorders**

- Cardiac Conditions
- Burn Injury Recovery
- Neonatal Intensive Care
- Chronic Illness
- Rehabilitation Care
- Trauma Recovery
- Pediatric Intensive Care
- Palliative and Supportive Care

### **Bead Bowl/Box Guidelines**

Beads of Courage members can receive thousands of beads. It is desirable for your boxes to hold them all. As a result, turned or rectangular boxes need to be large.

#### **Dimensions:**

Interior for turned boxes: 6" diameter (5" min.), 5" height (4" min.)

Interior for flatwork boxes: 4"x6"x4"

#### **Base and lids:**

Box bases should be wide enough so the box is stable and does not tip over easily. Lids for Beads of Courage boxes should be easy for small or ill children to remove or lift. Any finials should be easy for a small child to grasp and not too elaborate so they don't break.

#### **Design considerations:**

Avoid excessive elaborate designs that may easily break or be damaged.

#### **Finishes:**

Bowls must be safely sealed. Please use a safe finish process without toxic materials. Bowls that have not been properly sealed can harbor mold which is dangerous to our members with compromised immune systems. Do not use finishes like linseed oil or other finishes that take a long time to outgas. Refrain from painting the boxes. Instead, highlight the beauty of the wood with clear varnish, a stain, and/or burning. For additional information checkout Beads of Courage online.

# Wood Sale May 29



Based on \$3/BF, we sold about 900 BF (\$2,706 divided by 3) and trashed about 50BF. We should have about 790 BF Left Over in the Barn.



# Wood Sale June 1

There was a sale of 289 BF of Red Oak, 647 BF of White Oak and 12 BF of Ash on Saturday June 1, 2024. After the sale we placed the following wood in the barn for future sales.  
 White Oak - 40 Boards for 260 BF  
 Red Oak - 11 Boards for 68 BF

Overall	
Maple and Cypress	\$294
Oak Cash	\$304
Oak Checks	\$356
<b>Totals</b>	<b>\$954</b>

**Yacht Club display cabinet**  
 Another great place to see what our club does

