TRI-STATE WOODTURNERS

Cuts and Scrapes

WWW.TRISTATEWOODTURNERS.COM

MAY 2024 NEWSLETTER

Meeting Info:

Meeting location:

8361A Dayton Pike

Soddy Daisy, TN

(Horsin' Around)

At 1:00 p.m. Sat.

May 18, 2024

IN THIS ISSUE

May Demonstrator

Michael Anderson

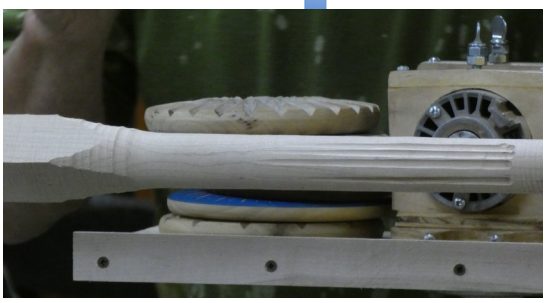
Tri-State Woodturners

An official AAW chapter

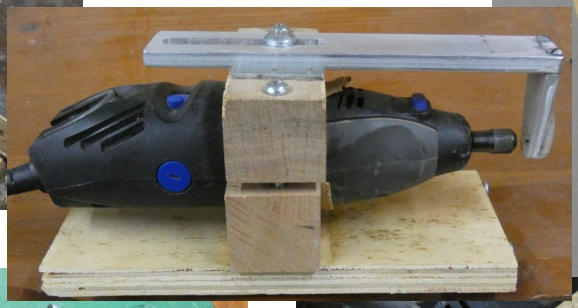
Michael has been working with wood for many years, but started woodturning in late 2021. As soon as the power hit his lathe for the first time, Michael was hooked--since then, his table saw has primarily served as an extra workbench to hold his turning tools. Woodturning has afforded Michael a creative outlet and an opportunity to work with amazing materials from around the world. Michael primarily alternates between turning closed form bowls and sculptural pieces, and usually works with hardwood species sourced from the southeastern United States. When appropriate he showcases the natural characteristics of wood, but many of Michael's pieces are embellished after the turning is complete. He finds satisfaction in visual and tactile surface treatments and is intrigued with the variety of techniques available to alter the appearance of wood. Whatever the end goal, form is paramount, and Michael's enjoyment of the process is what keeps him motivated for the next project.

In his demo, Saturday May 18, Michael will teach you how to turn an egg sculpture so that a small egg is permanently affixed within a large egg's hollow. The magic is that the small egg move around but never be removed. The demo will cover spindle turning techniques, precision turning, interrupted cuts, mounting with hot melt glue, as well as how to mount the egg sculpture on a simple pedestal.

Apr. Demonstation



John Lucas showed how to use a router to create very interesting designs and flutes in turnings. He also shared how to make the jigs to hold the router for various creative projects as shown here.



President, Doug Spohn

Donation Projects

Don't forget the opportunity to give to others by turning one of the donation projects; Beads of Courage Box, Pens for the Troops or Ornaments.

TSW CLUB OFFICERS

Doug Spohn	President
(423)240-4386	djspohn@epbfi.com
Jerry Schnelzer	Vice President
(423)280-9757	Jerry.Schnelzer@gmail.com
John Fortmiller	Treasurer
(423)280-5904	Leowen@Epbfi.com
John Dekle	Secretary/Newsltr Editor
(423) 364-1268	Turning411@Yahoo.com
Doug Spohn	Program Director
(423) 240-4386	djspohn@epbfi.com

Most above officers are official

Tri-state Woodturner Mentors

NEW MEMBER MENTOR:

Are you new to wood turning or at least have an interest in it? TSW provides an opportunity for you to learn from other turners who are willing to give you personal instruction and guidance. There is no fee for this instruction for TSW members. Contact one of the listed officers who will guide you to select a helpful mentor for you.

The following sponsors give generously to Tri-State Woodturners and we want to encourage members to support them generously

Treasurer's Report

Beginning Balance April		2,908.84
Income		95.00
Raffle	55.00	
Dues	40.00	
Expenses		372.00
Rent	72.00	
Demonstrator	300.00	
Ending Balance February		2,631.64
AV special contribution fund		300.00

The Web

This months challenge is a "tippy Top". These are easier to make than a kaleidoscope but challenging to get it to work. There are a lot of helpful videos on-line. Search "Tippy Tops" or "Tippe Top". One of the videos that will give you some of the reason why it works, the magic of the top , as well as methods or principles needed for making them work is Wortheffort at: Make a Tippe Top on the Lathe for Profit and Amusement - Art Market Projects (youtube.com) . There are many other good videos on making these magical toys. Sample dimensions are given on page 14 of this newsletter.

2024 TSW Club Challenges

Each member that brings a "Challenge Piece" and signs it in at the meeting, for the month of the challenge, is entered into a drawing for a gift certificate. You may do what was demonstrated the previous month as well. Doing the challenges provides you with experience in trying something new and will give others ideas of what they can make. If you previously made the challenge, try making another one with some kind of improvement.

Month	Item
January	Something from scrap wood—8
February	Heart— 5
March	Mug—5
April	Kaleidoscope—6
May	Tippe Top
June	Useful homemade Jig
July	Wig/Hat Stand
August	Flashlight
September	Natural edge Goblet
October	Ghost
November	Ice Pick

If you have questions contact John Dekle at (423)364-1268 or email - Turning411@Yahoo.com

Safety Tips

Finishes are a matter of choice for most turners. Some are dogmatic about what they prefer to use while others use a lot of different products. A safety concern is, will the used rags from applying finish be properly disposed? They can cause a safety hazard if not discarded properly. The disposition of rags may not cause you harm but a fire that destroys you shop/studio and maybe your home would be devastating for any or us.

Memorial for Jeff Wheeler

Jeffrey Wheeler passed away peacefully on May 5th after a brief illness. He was a beloved husband, father, grandfather, brother and friend. He was born in South Orange, NJ on January 27, 1947. Jeff began his career as a high school Math teacher in Hopatcong, NJ and ended his career teaching for the Juvenile Justice system of NJ as one of two certified math teachers for the state.

In 2014, he retired and moved to Hixson, TN. Jeff was an active member of the Tri-State Woodturners and served as the club's librarian. Jeff cheerfully got involved in the club and was always willing to help where needed. He did not let his poor eyesight hinder him from trying things. He will be missed by many. A tree was planted by TSW in his memory.

The family will receive friends and loved ones at the Williamson and Sons Funeral Home, 8852 Dayton Pike, Soddy Daisy, TN from 10:00 till 11:00 a.m. on Saturday, June 1, 2024. Services will follow at 11:00. Further info at: https://www.williamsonandsons.com/tributes/Jeffrey-Wheeler

Show and Tell

John Dekle created the Kaleidoscope, Pizza Cutters, Ice Cream Paddle, Ice Pick, Pens for the Troops and Mini Kaleidoscope

← Pens for the Troops turned by Charles Abercrombie

Show and Tell

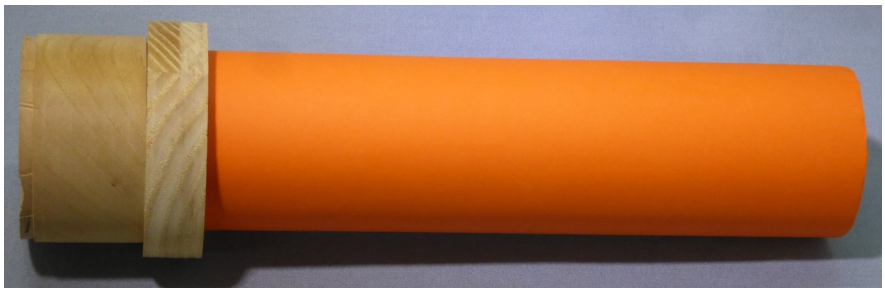
Dog Food Scoop and Mug in progress turned by

Terry Pearson

Charles Jennings made the Kaleidoscope,

13 Pendant Necklaces, Pens, and

Pens for the Troops



Show and Tell

The Platter, Burned Bowl, Pumpkin, Kaleidoscope, and 3 lidded Boxes were all created by Jerry Schnelzer

Show and Tell

Pot and Hollow Form above attributed to Tim Mehling

Winged Bowl,

← Vase and

Ring Boxes ↓

Turned by

Allen Quandee

Ronald Plumley's

← Salt Cellar

in progress

Show and Tell

Gene Payne turned the top 4 bowls

Michael Anderson Created the Egg in an egg, miniatures & Lidded Calabash →

Show and Tell

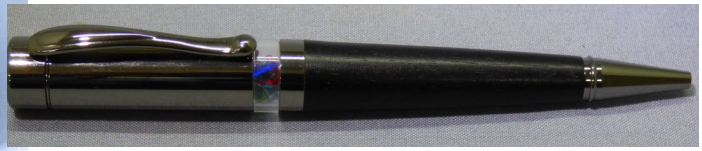
2 Kaleidoscopes made by Jerry Reed

Pens for Troops by Johnny Renfro

Eric Schaffer made these 2 bowls & Mushroom ~ Kennith Schaffer turned the Acorn Box, & 2 Mushrooms

Jennifer Kirby created the End Grain

← Bowl and Kaleidoscope pen ↓



Show and Tell

The 3 Bowls, Platter, 2 Acrylic Pans and 20 Pens for the Troops were all made by Les Isbell

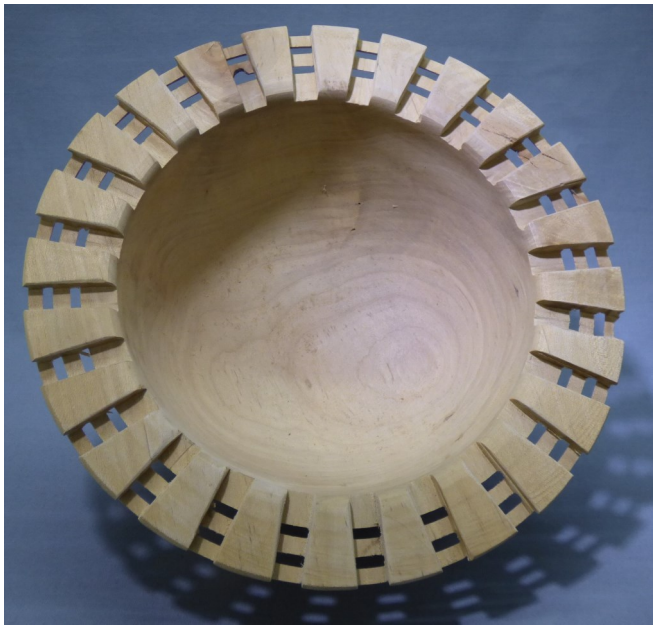
Show and Tell

Samples by John Lucas of his Demonstration using a router

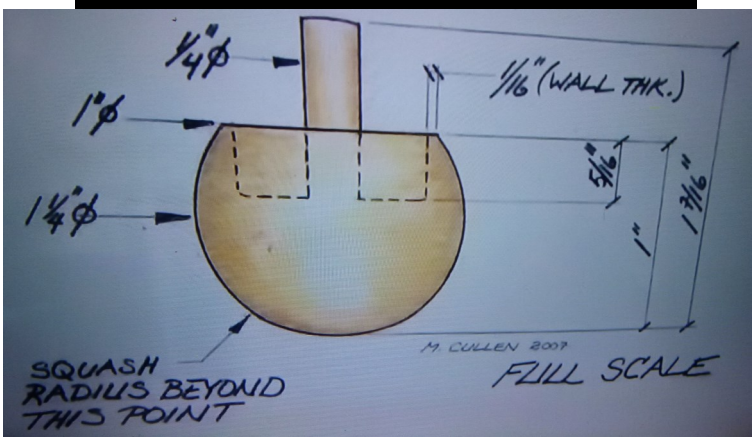
Show and Tell

← Suzanne Ruckman turned this Kaleidoscope kit and ↑ these Pens for the Troops

The Bowl and Plate below were made by Beverly deYampert



Sample Tippy Top Dimensions



2024 AAW Virtual Woodturning Symposium

May 24, 2024 8:00 AM -

May 26, 2024 12:00 PM

Eggception Project Step-by-step

by Michael Anderson

1. If starting with a non-round blank, round it between centers. Turn a tenon on one end to fit standard chuck jaws (50mm).

2. Place your blank in the chuck, and turn the top of the egg to completion on the tailstock side. Begin shaping the bottom of the egg as well.

3. Turn a small bowl in a scrap piece of wood to create a glue chuck. This should fit the top curve of the egg. Turn an extra channel just outside of the dish. This will allow a bit more surface area for glue to contact the egg. Be sure to soften any hard edges, as these could mark your egg.

4. Place the top of the egg in the glue chuck's bowl, using the center point (and a live/cone center) on the tenon end to align the egg. Place hot melt glue around the egg in the channel to secure the egg to the glue chuck.

5. Once the glue has solidified, turn off the tenon and shape the bottom of the egg. This should be in the shape of a half-sphere.

6. Drill a ½" diameter recess in the bottom of the egg to fit a magnet. Drill deep enough so that the magnet sits just below the surface of the egg.

7. Remove the egg from the glue chuck carefully using a chisel. If needed, denatured alcohol can soften the glue. Turn away any excess glue that remains on the glue chuck, and turn a slightly wider bowl than before. This bowl will fit the curve of the egg as it sits on an angle. Turn a small channel around the new bowl.

8. Cover the drilled hole on the bottom the egg with a piece of tape, and then glue the egg into the glue chuck bowl at a ~40° angle (relative to the glue chuck). Use tailstock support to secure the egg while the glue solidifies.

9. Begin turning away the face of the egg. Aim for a sweeping curve that extends just in front of the apex of the egg to about a third from the bottom of the egg. Turn away the egg as if you were turn a parabolic box interior.

10. Continue turning until you are satisfied with the amount of material removed from the egg. If desired, add embellishments to the interior (for example, that will surround the cavity you will soon create).

11. Determine the diameter of the cavity you want to create. Note, this diameter will be the size of the opening, but the cavity will be wider on the interior. A good rule of thumb is to make the diameter ~60% as wide as the width of your egg's turned face. Once the diameter is determined, mark the perimeter with a pencil on the egg's face.

12. Drill a pilot hole in your egg's face. The hole should be deeper than the entrance hole's radius (ideally, the hole should be at least 5mm deeper than the entrance radius).

13. Hollow out the cavity, being sure not to turn past the pencil line you drew. Make the cavity wider than the entrance, and be sure the bottom of the cavity is spacious. Imagine making a sphere-shaped hollow.

14. Remove chuck from the lathe. *Do not* remove the glue block or egg yet—you will use them in a later step. Place a small blank between centers and round the surface as needed. This will become the smaller egg. If desired, turn a tenon and place the blank in small jaws.

15. Measure the size of your large egg's entrance hole with calipers. in the middle of your small blank, use a parting tool to size a band that is 3mm larger than the diameter of the large egg's entrance. Turn the rough shape of the small egg.

16. Once the small egg is turned, carefully start reducing its diameter so that it is ~1mm larger than the diameter of your large egg's entrance hole.

17. Carefully finish turning/parting/sawing the little egg to free it from the rest of the blank. Sand away any nubs on the top of the egg. The bottom's quality doesn't matter, as it won't be visible in the end.

18. Place your chuck (and glue chuck and egg) back on the lathe. Carefully sand the entrance hole with 400g sand paper. Remove just enough material so that the entrance hole is 1/2mm smaller than the small egg's diameter.

19. Force the small egg into the large egg's entrance hole. If needed, use a soft mallet—be sure to cushion the small egg to prevent damage.

20. Use a chisel to remove the large egg from the glue chuck. Clean up the glue as needed. Remove the glue block from the chuck.

21. Place a new blank between centers, and round as needed. This will become a pedestal to display the eggs. Turn one end so that it will fit in small chuck jaws, or will be small enough to fit between chuck jaw plates.

22. Secure the blank in your chuck. Maintain tailstock support. Use a parting tool to mark the bottom boundary of the pedestal.

23. Drill a ½" diameter recess in the top of the blank to fit a magnet. This should be deep enough so that the magnet sits flush or slightly below the surface. At this time, you can also turn the top surface so that it is slightly concave to match the large egg's bottom curve. Turn a slight bevel leading into the recess.

24. Using a live center and tailstock support, begin shaping the top of the pedestal. This should be about half to two-thirds the diameter of the bottom.

25. Begin shaping the bottom of the pedestal as desired. Continue turning until you have a nice continuous curve with no flat spots.

26. Once the pedestal is shaped as desired, use a parting tool to make the bottom of the pedestal concave. Turn until only a small connection remains, and then use a saw to free the pedestal.

27. Carve or sand away the bottom nub, and then finish as desired.

28. Use epoxy to glue the magnets in place on the large egg and pedestal. Double check that your magnets are glued such that the mating faces attract and don't repel.

29. Finish the egg as desired—done!

CUTS AND SCRAPES