

Welcome

President Jay Stearns welcomed everyone and reminded them that the June program will be the Beads of Courage box building challenge. The prizes will be \$50, \$35 and \$25 for 1st through 3rd.

Announcements

The club was contacted looking for someone to build two boxes for displaying antique pistols. Contact Jay for details.

Dale Smith had David Chandler bring in plywood cutoffs from his display case building company and encouraged members to design simple projects for the school in Haiti to make. See complete details on page 8.

Shop Questions

There were no shop questions.

Guests

Ron Payton moved to Frisco from Atlanta 8 months ago. Former teacher at the Dogwood Institute as a Master Woodworker with 40 years' experience. Marquetry is his specialty he learned from his mentor Paul Schurch. He is also a professional photographer and has a doctorate in sports medicine from Duke University.

Angela Keesee did woodworking years ago and wants to get back into it. Found out about NTWA through

Rocker in Plano. She wants to learn more and to build her own furniture.

David Chandler came as a guest of Dale Smith. Dale has a reuseable shipping case manufacturing company and likes to make things out of pallet wood.

Michael Preston of Irving and learned about NTWA at the carver's show and wants to get back into traditional woodworking. He's been a carver for the past 10 years, like bodark and making walking sticks.

Show & Tell



Sidney Futrell made the cabinet for his hand planes out of white

oak and hand-cut dovetail joints.

Sidney also made these benches out of bubinga for his kitchen using drawbored mortise and tenon joints.



Ed Mastin made these calipers that follow the golden mean ratio of 1:1.6 which is considered the design standard in all things from nature to construction of objects.



Chris Kersey took a one-day knife making class at Wood World to make this beautiful knife.



Larry Maughan turned these two bowls from tiger maple and a maple burl. These are the two bowls he started during his lathe turning program in April.



Owen Haggard used a bird's mouth router bit to make columns with 8 different facets to cover support poles holding up the second floor in his house.

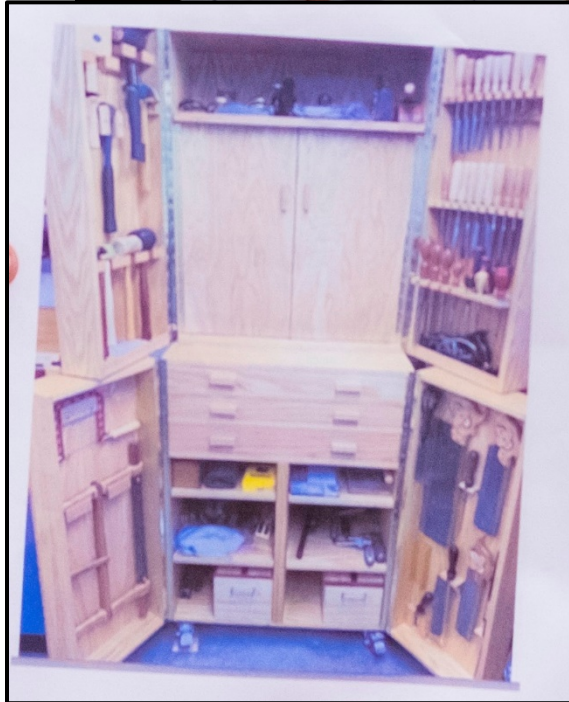


Jordan Williams made this walnut box with maple accents and mitered joints.



Michael Petrana made the knife on the left using resin impregnated pine-

cone for the scales and the lamp on the right with spalted bodark also impregnated with resin.



Mark Blacketer made this tool cabinet to organize all his hand tools. It is on casters to make his tools readily accessible to his projects.



Jay Stearns made this bandsawn box out of black walnut and white oak to resemble a mortar and pestle for a fellow pharmacist.

And the winner of the \$10 Show & Tell drawing was **Larry Maughan**.

Raffle

Gary Turman: Bosch 1617EVSPK 2.25 HP router

Carl Medina: Metric tape donated by Dale Smith

Sidney Futrell: 3-piece Sandflex sanding blocks donated by Greg Merrell

Bill Jacobs: 3 rolls of Duck clear laminate donated by Gary Turman

Program



Club member Dale Smith took a scroll saw class with the DFW Scroll Saw club and decided to share his new knowledge with the rest of the club.

Dale started out with an old Craftsman scroll saw and struggled to make it work. He upgraded to a DeWalt pinless saw and hasn't looked back.

He talked about the basics of scroll sawing and about the advantages over a bandsaw. The scroll saw can create smaller clean intricate cuts; you can control the speed; can cut

out segments of the pattern by inserting the blade into the pattern through a drilled hole; and you can have foot pedal control.

The steps to successful scroll sawing are:

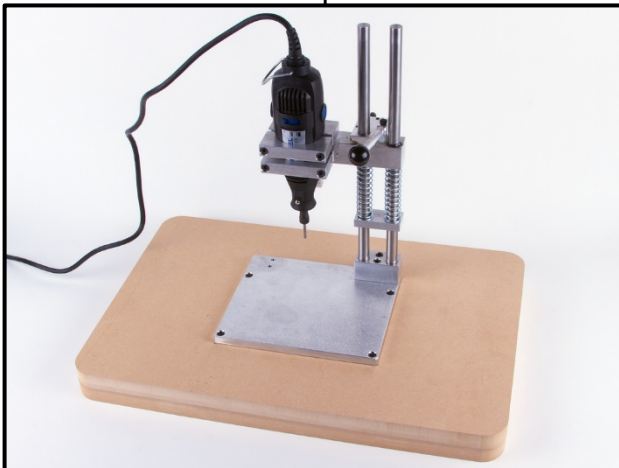
1. Select a pattern: books, online, Pinterest or your own. Steve Goode blog has free patterns.
2. Select the material to be used for your project. You can use wood, paper, fabric, steel, brass, plastic, stone and even glass with specialized diamond-tipped blades.
3. Select the correct blade for your project. Thicker woods require blades with fewer teeth and slower speeds. Conversely, on thinner materials use blades with more teeth for smoother cuts. You should round the back of the blade to allow tighter turns.

Universal Scroll Saw Blade Chart														
UNIVERSAL BLADE NUMBERS														
	#2/0	#0	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
Material Thickness	1/8"			3/8"			1/2"		3/4"			1-1/2"		
Blade Size	#20	#0	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
Width	.022"	.024"	.026"	.028"	.032"	.036"	.038"	.042"	.045"	.048"	.053"	.056"	.060"	.062"
Thickness	.010"	.011"	.012"	.013"	.014"	.015"	.016"	.017"	.018"	.019"	.020"	.020"	.020"	.020"
Teeth/inch	28	25	23	20	18	15	14	13	12	11	11	11	10	9

Dale says you should keep at least 4 teeth in thick wood at all times and 3 in thin wood. Too many teeth prevents the sawdust from clearing out.

4. If using wood, sand both sides until smooth before applying the pattern or cutting.
5. Apply clear peel and stick shelf paper to the top surface of the board. An option is to use blue painters' tape.
6. Trim the pattern, spray the back of the pattern with spray glue then position on the surface - press firmly. Let dry.
7. Drill holes in those sections within the pattern to be removed then select the appropriate blade size and speed for the project.

Dale uses a Dremel tool on a stand to drill his patterns.



8. Sand the back of the board to remove burrs from the drilling process.
9. Apply clear peel and stick shelf paper to the back surface of the board. An option is to use blue painters' tape.
10. Starting in the middle of the pattern cut out the pattern

consistently staying on the inside or outside of the line.

11. Using a thin blade (e.g. X-Acto Knife) very carefully remove the pattern and shelf paper.
12. Sand all edges of your project until smooth.
13. Paint or seal project as required.

Dale says if you follow these 13 basic steps, you too will be a successful scroll sawyer.

Dale then briefly discussed stack cutting, inlays, scroll saw boxes, puzzles, scroll saw toys, scroll saw bowls, intarsia and marquetry.

When stack cutting, align all the layers and wrap a layer of tape around the outside edge then wrap clear packing tape around the entire stack. Follow the above steps to cut out the pattern.

Using compound cuts will give you 3D results.



When making compound cuts, Dale suggested these steps:

1. Have the blade tension as tight as it will go, do not use a reverse tooth blade, try a skip tooth blade, or a #5 or # 9.
2. Wrap the block, from end to end in clear packing tape, this will reduce the amount of dust under the tape.
3. Using two blocks of wood the same size as the pattern and two clamps, clamp the project together.
4. Slow the saw down and try not to push the wood. Pushing the wood causes a bow in the kerf. After cutting the first side, hold the piece together and lightly tap it on the table before taping it back together. This will remove the dust from the kerf and settle the first cut back into the piece of waste.

If you are going to do inlays, you should tilt the table so you can cut at 1°. An option is to fill any gaps with epoxy.

Dale then touched on scroll saw boxes showing several examples. Here is one of Dale's fantastic boxes.



The program was closed out with examples of toys, bowls, intarsia and marquetry.

Dale provided the following resources for those interested in doing more with their scroll saws:

[SEYCO-THE SCROLLSAW SPECIALISTS, INC - Rockwall, Texas](http://www.salespider.com/b-104000612/seyco-the-scrollsaw-specialists-inc)
[www.salespider.com/b-104000612/seyco](http://www.salespider.com/b-104000612/seyco-the-scrollsaw-specialists-inc) the-**scrollsaw**-specialists-inc

Seyco - The **Scroll Saw** Specialists, Excalibur Scrollsaws, Patterns, Blades. 242 National Dr., Rockwall, Texas, 75032. (972) 771-6049

[Scrollsaw Workshop](https://scrollsawworkshop.blogspot.com)
<https://scrollsawworkshop.blogspot.com>

At the **Scrollsaw Workshop** you will find FREE scroll saw patterns, video demonstrations, scroll saw links, reviews, and much more. Sign up for the email newsletter so you won't miss a single post. ...

steve@stevedgood.com.

All-in-all, this was a fantastic program provided by Dale. Thank you!



North Texas Woodworkers Association

See us at: www.ntwa.org

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Newsletter

May 2019

Haiti Project

The North Texas Woodworkers Association voted to continue its support of the young men in Haiti that are striving to build a sustaining career in woodworking. It was proposed and generally agreed that club members, who wish to participate, would design and create one or more products that can be produced in the Haiti workshop. Plywood of various sizes is being provided by Dale Smith via Kangaroo Cases.

In order to ensure that this project is successful the following guidelines are provided

1. Products created should contain (1) a completed product, (2) an unassembled product and (3) a simple drawing/diagram showing dimensions. Detailed instructions are optional. Avoid fractional dimensions if possible.
2. Questions regarding this program should be directed to Dale Smith, Daleardensmith@gmail.com 214-632-8400 (text) and/or Wally Schlaegel, wallyschlaegel@gmail.com, 469-662-6253.
3. Completed products are to be brought to the August 20th meeting for presentation. Each person bringing a product(s) will be asked to briefly present and discuss his/her product(s). This event will replace the regularly scheduled program for the evening.
4. This is not a competition, completed products will not be

judged. The reward for this effort will come from a feeling of self-satisfaction and a way of sharing your skill/talent in this unique way.

5. More plywood is available upon request.

It is understood that the Haiti workshop is reasonably equipped with shop equipment/tools.

For more information regarding the Haiti workshop please contact Wally Schlaegel.

Next club meeting:

Tues., June 18th

7:00 pm at the

Party Barn

Program: Beads of

Courage box

building challenge

Newsletter edited by: Joe Polich
newsletters@ntwa.org

Pictures by: Sidney Futrell