



**SUNFLOWER WOODWORKERS' GUILD**

*Established 1991*

**THE KNOT HOLE**

**"building of woodworking skills thru the sharing of knowledge"**

THE NEXT MEETING **Tuesday, May 25** AT  
**Downtown Senior Services Center**  
 200 South Walnut

**VOLUME 19**

**ISSUE 5**

**Social Gathering @ 6:30 PM**  
**Meeting Starts @ 7:00 PM**

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**This Month's Meeting**

See the presidents notes.

**From The President's Corner –**

Well, Larry and I are up to version 7A of how to build a box with a tambour door. Most of the parts are made and we're getting down to the final details of how to assemble and finish the box and the door. I've only seen that peculiar look on his face about 3 times, you know, the **I wish I hadn't done that** look.



Like when we found out the collet we were using was not .500 OD but was in fact .4375 OD. Not much difference but it really fouls up a precision assembly. Larry plans to show some of the mistakes we made and how to cure them. This is beginning to look like a presentation that will just be absolutely full of learning potential.

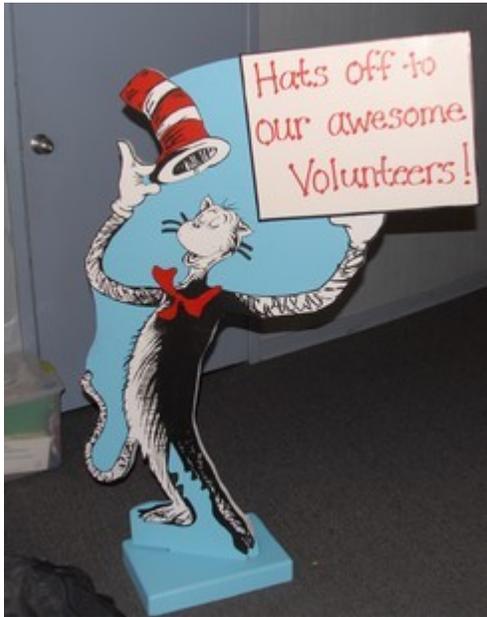
I went to the Saturday clean up of the Toy Program storage box. It started out a little bit rainy but with leadership from Kenny things started going pretty good. There were 6-8 people there and when Mike showed up it seemed like we had doubled the work force. We got rid of a lot of unusable wood, made some usable by sawing off chunks with nails in them, built and filled the first rack. To dos are to build the second rack and fill it. Thanks to Robert Johnstone for providing many of the tools and ideas.

Ray  
**Sunflower WWG meeting minutes**  
**April 2010**

Meeting Notes from April

The meeting was called to order at 7PM. In informal report from our effort with the Head Start Program and their Dr. Sues Green Eggs and Ham Day was provided by Kenny Hill--->they were thrilled and very appreciative. Head

start donated 6 sheets of 1/2 inch 4/8 plywood and 4 sheets of 1/4 inch plywood 4/8 sheets for our toy program!!



Brief report on progress from our toy program noted that Head Start may help with painting as well as Kathy Pugh and Sharon McGill. Lou Ortega discussed and showed what he was working on and a few completed and painted examples--very nice. Tom Clark sent a box of toys to his sister-in-law in Chicago for painting!!!

Our storage unit currently has lots of wood--some useable for toys, some not. We all agreed to meet there Saturday, May 15 from 9 until noon or so to rearrange, build shelves, etc and make room for "the toys". The exact location, time, etc will be sent out as an email.

Les Hastings announced that Saturday, May 8, he will be working on the WoodWorkers Guild bookcase and using hardware for hanging the doors. Again, his address is 2459 N Charlotte, around 9 AM.

VISITORS: Fred Grouse--making kayaks, canoes Bob Hanes--makes display cases

Dick Zeanner Dave Clark--from the Wood Turners Assoc Wanda Squibb--scroll saw Charles Grimm--photos of Maloof like rocking chair--very nice  
SHOW AND TELL:  
Les Hastings brought a large amount of veneer--free for the taking--it went fast!!



Jerry Keen again had some free folding door parts to give away.  
Lou Ortega showed off his toy car, airplane modeled after the P-40 from WWII. Chuck Shoemaker from Arizona gave Lou a neat toy wagon, Lou showed the one he built following the pattern of the one from Chuck.



Guest Wanda Squibb showed some scroll sawn pieces.





John Roach demonstrated his use of natural food "easter egg" dyes on wood and shellac as a finish--really nice!!!

Bill Tumbleson brought his small panel cutting sled

Mike Hutton commented on his class at the Mark Adams school on Michael Fortune's Furniture Design class and his use of an angle bevel gauge.

Program: Bill Tumbleson present a great program about cutting slots by hand, with saw and files, using a free hand router, router table, fixed router and plunge router. He demonstrated different drill bits to 'hog out' the waste and make the cut easier and more controlled. Save the final size cut to last!!! He demonstrated a step down dado slot to hide screws, bolts etc. especially useful for jigs!!!

## Classified Ads

Note: Members are encouraged to use the Knothole to list any items you may have for sale to other guild members.

Still available, rectangular phenolic blanks to make zero clearance inserts for your table saw. \$5.00 each. Compare to \$25 in the catalogs. Call or send me an e-mail with the dimensions of the insert you need to make. Jerry Keen 722-2735 or [jmkeen118@gmail.com](mailto:jmkeen118@gmail.com)

Rockwell International 14" Bandsaw. Purchased it new. Asking \$300 Garry Dougherty 316-722-5539





This children's train is walnut with soft maple wheels and is stained with child friendly colors.

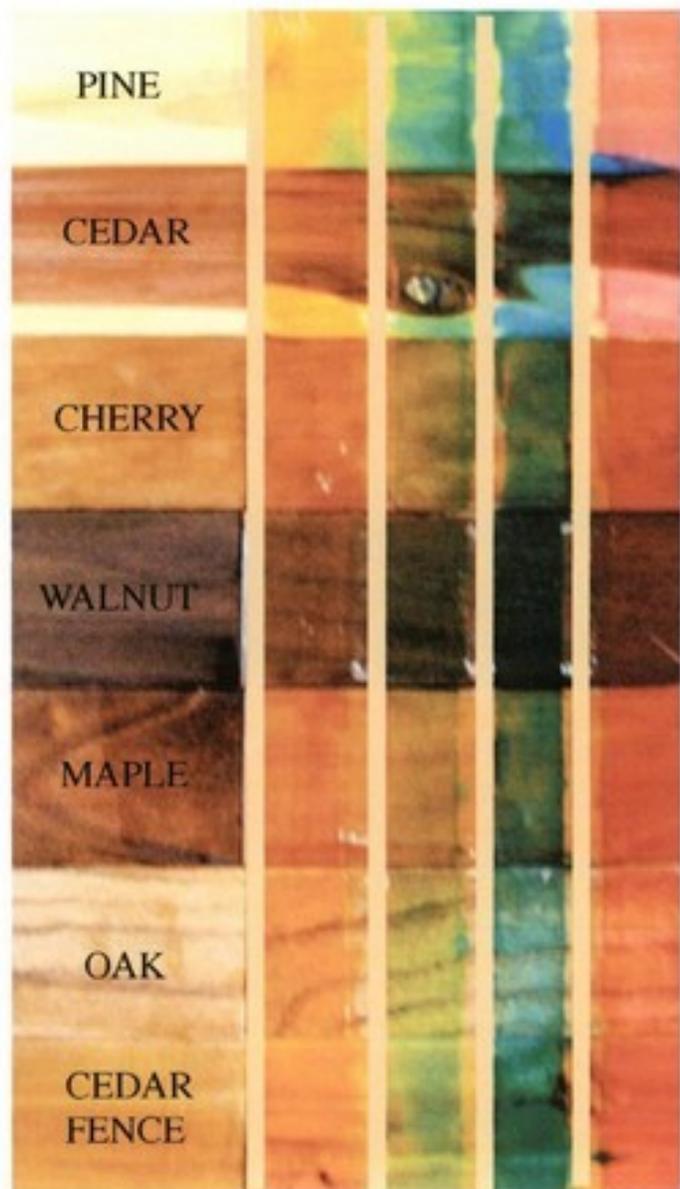
### Safe Stains for Tot's Toys

The Woodworkers Guild of Wichita, Kansas gives away more than 2,000 toys each Christmas season. Because little children chew on everything, the Guild has been looking for natural ways to color its wooden toys and to make them glossy.

The best way to get child friendly colors is to use cake coloring or Easter egg dyes. Different types of wood will react to stain differently. Light wood like pine will become more colorful than dark wood like walnut. To make the toys shine use Shellac, which is a natural product.

In the illustration I used an Easter egg coloring kit. To do this place two or three tablets in a container, add a small amount of vinegar and **no water**. The left column of the test pieces is the natural wood. The right columns show how the yellow, green, blue and red dyes effect the different types of wood.

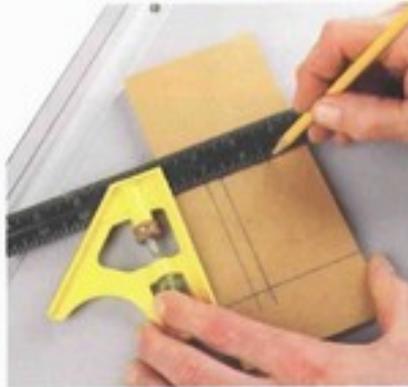
Note: Neither the stain nor the Shellac is caustic after it has dried and cured, but while mixing or applying, make sure you are in a well ventilated area. Also try the stain on a test board before using it on the finished project.



# Forming Perfect Slots

For arrow-straight slots with crisp, clean ends and edges, let your router table, a few shop-made accessories, and a little know-how help you produce on-target results.

**D**rilling end holes and sawing out the waste between them is one way to form a slot. But success depends on your unwavering ability to follow the straight cutlines connecting the end holes with a scrollsaw or jigsaw. Here's a better method that eliminates the risk of wandering off course.



## 1 Lay out the slot

Draw slot boundary lines on the part, extending the end lines to the edges.



## 2 Position the fence

Chuck a slot-size bit in the router. Place the fence to center the bit in the slot.



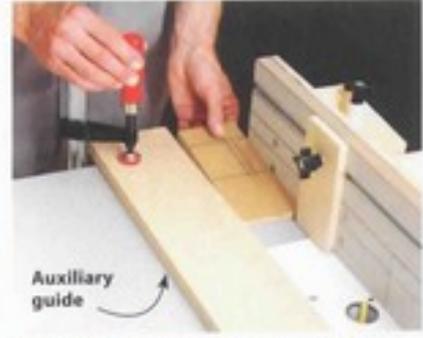
## 3 Set the right stop

Align the slot left end line with the left edge of the bit. Position and secure the right stop.



## 4 Set the left stop

Align the slot right end line with the right edge of the bit. Position and secure the stop.



## 5 Add an auxiliary guide

Using the part width to gauge the distance, clamp an auxiliary guide parallel to the fence so the part slides easily between the guide and fence.



## 6 Drill out the waste

Using a bit  $\frac{1}{8}$ " smaller than the slot width, drill overlapping holes inside the layout lines. Drilling an undersized rough slot lets you rout a clean finished-size slot in one easy pass.



## 7 Make a plunge cut

With the right end of the workpiece touching the right stop, lower it onto the spinning bit.



## 8 Rout the slot

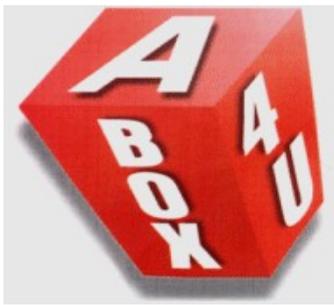
Feed the part to the left until it hits the stop. The auxiliary guide keeps the part in line. 🌲

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## SPONSORS

The Sunflower Woodworkers' Guild of Wichita Kansas publishes the Knot Hole newsletter monthly. Deadline for articles and information is the 2<sup>nd</sup> Monday of each month. Mailing date is the 3<sup>rd</sup> week of each month. Permission to reprint original material is granted to other woodworking groups, providing proper credit is given. *Articles attributed to publications other than the Knot Hole Newsletter should be used only with permission from that particular publication.* Send articles, photos and information to: Jerry Keen  
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Sunflower Woodworkers Guild membership is voluntary. Our paid dues list are consolidated after the June meeting, eliminating from that list all those who have not paid their '09 dues. This list determines who gets the Knothole. New and previous members will need to submit new applications when joining.

Newsletter of the Sunflower Woodworkers Guild  
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