

Knothole News

www.greencountrywoodworkers.org



PRESIDENT'S MESSAGE

Greetings.



Yes, this is the weekend of Labor Day which honors those who labor. However, hopefully we also remember those who used to labor in the traditional sense. Most of us are now more often engaged in that labor of love called woodworking and while it sometimes has some of the trying times of the "old job" labor, it is a different animal.

Hope you've noticed the changes in our website, compliments of Arthur. If you get a chance, take a look at the past Knothole News and be amazed again at the talent that exists in this club. Thanks again to all who participate and make this Club very special. I think the work Mike does on the Newsletter is really special, as is the website work of Arthur and the product of Bill Morgan in producing the minutes of our meetings. Just a very talented group all around and I'm so grateful to all for your labors. Hope to see you this Thursday.

Bill Nay, President

THIS MONTH'S MEETING

Thursday, September 9, 2021 @ 6:30 PM

Jim Rouse's Shop

(see page 9 for directions and a map)

"The Evolution of Woodworking...and the Future"

Please bring your Oldest Hand Tool

Officers

President

Bill Nay 918-492-8481

Vice-President

Gregg Zumwalt 918-605-2761

Secretary

Bill Morgan 918-369-6435

Treasurer

Ray Hucek 918-618-2980

Club Committees

Continuing Board Member

Harold Blalock

Luncheon

Bill Morgan 918-369-6435

Membership Management

Vacant

Name Tags

Ray Hucek 918-618-2980

Newsletter

Mike Ruttgen 701-207-0712

Program Coordinator

Vacant

Toys / Show & Tell

Betty Zumwalt 918-249-4663

Toy Wheels & Axles

Jim Rouse 918-636-9286

Webmaster & Photographer

Arthur Barber 918-671-2437

Minutes from Last Month's Meeting by Bill Morgan

The GCWW club met on 8/12 at Bill Nay's shop. In attendance were Arthur Barber, Jim Rouse, Harold Blalock, Bill Nay and Bill Morgan. Jim Rouse brought in the club's inventory of wheels and axles for this year's toy build and he'll also have them available at a future meeting. The group discussed our progress on this year's toy build and the possible organization of a group build at the November meeting.

Bill Nay led the members through a discussion of the various specialized clamps that are available and many innovative ways they can be used. He demonstrated the use of clamps for gluing miter joints, flattening and aligning glue up assemblies, attaching edging, and several other applications. Clamps are commonly used to set up stops for making repetitive cuts on saws and routers and Bill showed a few examples on of clever clamping solutions he's built for his shop equipment.

Tour "Fab Labs"

(<https://fablabtulsa.org>)

Jim Rouse has organized a tour of Fab Labs for the club.

When: Monday, September 13th at 5:00 PM

Address: 710 S Lewis, Tulsa

Parking

- along E 7th and E 8th Streets
- parking lot at E 5th Place and S Lewis Avenue

Fab Lab's Mission

The mission of Fab Lab Tulsa is to empower our community by

- providing education, community, workforce and business programming that
- teaches innovation, design-thinking, problem-solving and change-making, together
- with open and equitable access to 21st Century digital fabrication tools, equipment and technology.

If
you
plan
to
attend

Email or text Jim
jrouse1017@sbcglobal.net

or

918-636-9286

Bring a
Mask



Photo's From Last Month's Meeting



Hosts for Upcoming Meetings

October	Harold Blalock
November	Earle Smith
December	Christmas Party
January	tbd
February	tbd
March	tbd
April	tbd



Photo's From Last Month's Meeting (Continued)



Photo's From Last Month's Meeting (Continued)



onlineEXTRA Toy Trucks from 2x4s WOODCRAFT magazine
Oct/Nov 2016, Issue 73

Stake Side Truck

- FRONT PANEL $\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{3}{4}$ "
- STAKES $\frac{1}{4}$ " $\phi \times 1\frac{1}{2}$ "
- BED $\frac{1}{4} \times 2\frac{1}{4} \times 3\frac{1}{2}$ "
- $\frac{1}{4} \times \frac{1}{4}$ "-deep rabbet
- $\frac{1}{4} \times 2\frac{1}{4} + 3\frac{1}{2}$ "

Pickup Truck

- SIDE $\frac{1}{4} \times 1 \times 3\frac{1}{4}$ "
- $\frac{1}{4} \times \frac{1}{4}$ "-deep rabbet (front and sides)

Tanker Truck

- TANK $1\frac{3}{4} \times 2\frac{1}{4} \times 3\frac{1}{2}$ "
- $\frac{1}{4}$ " BUTTON
- $\frac{1}{4}$ " radius roundover
- Roundover corners before cutting tank to length.

Tow Truck

- DOWEL PULLEY $\frac{1}{8}$ " dia. $\times \frac{1}{4}$ "
- WINCH HANDLE $\frac{1}{4}$ " dia. $\times \frac{1}{2}$ "
- BRASS S-HOOK
- BOOM $\frac{1}{4} \times 2 \times 4\frac{1}{2}$ " (see Pattern)
- WINCH WHEEL 1" dia.
- WINCH AXLE $\frac{1}{8}$ " dia. $\times 1\frac{1}{2}$ "



For Sale Items, Mike Ruttgen, 701-207-0712



Shop heater used periodical-ly nine years in an uninsulat-ed 3-car garage. Low profile, mounts to ceiling.

Includes thermostat, gas pipe fittings, vent pipes, in- stallation and operating manuals, receipts.

Asking \$300

Item	SKU	Qty	Subtotal
Modine HDS45AS0111 Separated Combustion Hot Dawg Unit Heater 45,000 BTU/HR Input Natural Gas 115 Volt 1 Phase Aluminized Steel Heat Exchanger	Modine-HDS45AS0111- ModineHDS45AS0111- Modine56961F		
Modine HDS45AS0111 Base Heater			
1 x Modine HDS45AS0111 Separated Combustion Hot Dawg Unit Heater 45,000 BTU/HR Input Natural Gas 115 Volt 1 Phase Aluminized Steel Heat Exchanger \$915.00	ModineHDS45AS0111	1	\$915.00

For Sale Items, Bill Nay, 918-492-8481

PC 1/4 sheet finish sander, vacuum hose fitting \$30



DeWalt 15 gal wet or dry vac. Like new \$125



Rigid 1/4 sheet
finish sander,
like new \$35

Makita 3x21
Belt sander,
like new, in
box \$60



For Sale Items, Bill Nay, 918-492-8481

Roller outfeed, infeed or side support table, very adjustable and sturdy

About 25" W x 38" H x 52" L extended
25" W x 24" H x 19" L collapsed

9 rollers, 300 lb. weight limit, 4" locking casters

\$150



Mortising chisel attachment for drill press \$10



"A simple bench is like Tuscan pasta soup. You think it will be better if you add more stuff. But getting the basics right is way more important, and the extras won't make up for a poorly prepared stock."

Adam Cherubini, woodworker at Pennsbury Manor (and a PWM columnist)

Adjustable Shop-Made Arc. Trying to bend a long, flexible strip and trace an arc at the same time can be tricky. To make it easier, I made an adjustable arc that can be locked into any curved shape I want. The arc is made from a strip of 1/4" pegboard (about 24" long), a nylon string, and a cord lock that I bought at a fabric store.

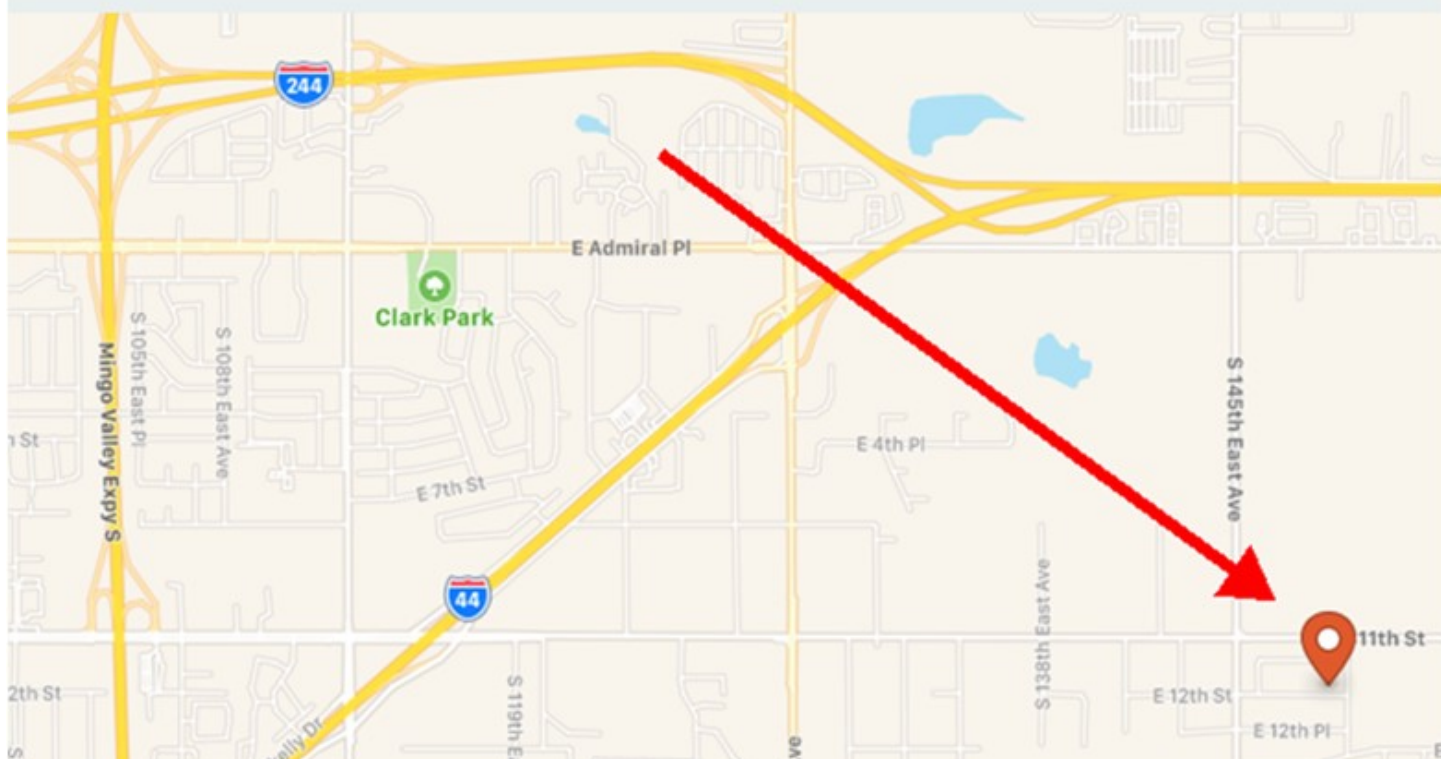
EASY ASSEMBLY. First, cut the nylon string to twice the length of the pegboard strip and tie it to one end (main photo). Next, slip one end of the string through the cord lock and then loop that same end through two holes in the opposite end of the strip. Finish up by feeding the string back through the cord lock (inset photo).

ADJUST TO SIZE. To change the size of the arc, simply move the looped end of the string into a different set of holes in the pegboard strip and adjust the cord lock.



Frank Sand Lincoln, Nebraska

Jim Rouse's Shop, 14821 E 12th St
Tulsa, Oklahoma 74108, 918-636-9286



- (a) From the intersection of 11th St and S 145th East Ave
- (b) Go South one block to 12th St
- (c) Turn East on 12th St
- (d) Jim's home is the 9th house on the left side of the road (next to the last house on the block)

Note: Come in the West gate to the patio

“Purple Heart” from www.wood-database.com



Sanded



Sealed

Common Name(s): Purpleheart, Amaranth

Scientific Name: *Peltogyne* spp.

Distribution: Central and South America

Tree Size: 100-170 ft (30-50 m) tall, 3-5 ft (1-1.5 m) trunk diameter

Average Dried Weight: 56 lbs/ft³ (905 kg/m³)

Specific Gravity (Basic, 12% MC): .76, .90

Janka Hardness: 2,520 lbf (11,190 N)

Crushing Strength: 12,140 lbf/in² (83.7 MPa)

Shrinkage: Radial: 3.8%, Tangential: 6.4%, Volumetric: 10.6%, T/R Ratio: 1.7

Color/Appearance: When freshly cut the heartwood of Purpleheart is a dull grayish/purplish brown. Upon exposure the wood becomes a deeper eggplant purple. With further age and exposure to UV light, the wood becomes a dark brown with a hint of purple. This color-shift can be slowed and minimized by using a UV inhibiting finish on the wood.

Grain/Texture: The grain is usually straight, but can also be wavy or irregular. Has a medium texture with good natural luster.

Endgrain: Diffuse-porous; medium to large pores, few; solitary and radial multiples; mineral deposits occasionally present; growth rings may be either distinct or indistinct depending on species and growing conditions; medium rays barely visible without lens, normal spacing; parenchyma winged, lozenge, confluent, unilateral, and occasionally marginal.

Rot Resistance: Purpleheart is rated as being very durable, and resists both decay and most insect attacks, though it has been reported to be susceptible to attack from marine borers.

Workability: Working with Purpleheart can present some unique challenges: if the wood is heated with dull tools, or if cutter speeds are too high, Purpleheart will exude a gummy resin that can clog tools and complicate the machining process. Depending on the grain orientation, can be difficult to plane without tearout. Purpleheart also has a moderate dulling effect on cutters.

Odor: Varies depending upon the species: most species have no characteristic odor, though some can have a pungent scent.

Allergies/Toxicity: Although severe reactions are quite uncommon, Purpleheart has been reported as a sensitizer. Usually most common reactions simply include eye and skin irritation. Purpleheart has also been reported to cause nausea.

Pricing/Availability: Widely available as lumber in good widths and thicknesses. Prices are in the low to medium range for an imported hardwood.

Sustainability: This wood species is not listed in the CITES Appendices or on the IUCN Red List of Threatened Species.

Common Uses: Inlays/accent pieces, flooring, furniture, boat-building, heavy construction, and a variety of specialty wood items.

GREEN COUNTRY WOODWORKERS

The Green Country Woodworkers are made up of men and women who are interested in woodworking as a hobby.

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The monthly meetings are conducted as educational forums for the benefit of our members and guests. We have idea exchanges, problem solving sessions, safety tips and tool tips plus a main speaker on topics related to woodworking in all its phases.

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The club sponsors community service projects such as making Toys for Tots at Christmas and supporting Beads of Courage by turning bowls and making boxes for children undergoing cancer treatment at Children Hospital at Saint Francis. The containers hold the children's beads. The beads represent their treatment progress.

KNOTHOLE NEWS

c/o Mike Ruttgen
rruttgen@att.net
(701) 207-0712, mobile

OBJECTIVES

- To provide the Knothole News, a monthly newsletter
- To promote woodworking and participate in woodworking and craft shows to inform the public of club activities
- To make wooden toys which are donated to selected organizations throughout the year
- Monthly Show & Tell; all items entered in the show and tell will be presented to the membership by the builder

Membership applications are available at each meeting from the club secretary or treasurer. At this time, no membership fee is charged.

MEETINGS

The club meets on the second Thursday of each month at 6:30PM, typically at a designated member's shop. The upcoming location and topic are published in advance in the Knothole News.

We also have a monthly dinner/social on the 4th Thursday of the month at 6:00PM; the location is determined during the regular monthly meeting.

WWW.GREENCOUNTRYWOODWORKERS.ORG

Please be sure to check out our web site for more information about the organization, past Knothole News publications, pictures, resources, etc.

