

Knothole News

www.greencountrywoodworkers.org



PRESIDENT'S MESSAGE



What do you hope to learn or make in 2025? Let's discuss this at our January meeting. Also at the meeting Mike Ruttgen and I will present,

show and discuss some clock projects and resources. So you could say it is "time" to think about 2025! See Thursday, January 9th at 6:30!

Happy Woodworking!!!
Vinton Knarr



THIS MONTH'S MEETING

Thursday, January 9, 2025 @ 6:30 PM

Hardesty Regional Library, **Pecan Room**

8316 E 93rd St, Tulsa, OK

Clock Projects and 2025 discussion

Officers

President

Vinton Knarr 918-508-5898

Vice-President

Gregg Zumwalt 918-605-2761

Secretary

Bill Morgan 918-369-6435

Treasurer

Mike Ruttgen 701-207-0712

Club Committees

Luncheon

Bill Morgan 918-369-6435

Membership Management

Vacant

Newsletter

Ray Hucek 918-619-2980

Toy Wheels & Axles

Jim Rouse 918-636-9286

Webmaster & Photographer

Arthur Barber 918-671-2437

Toys 4 Tots Coordinator

Bill Nay 918-492-8481

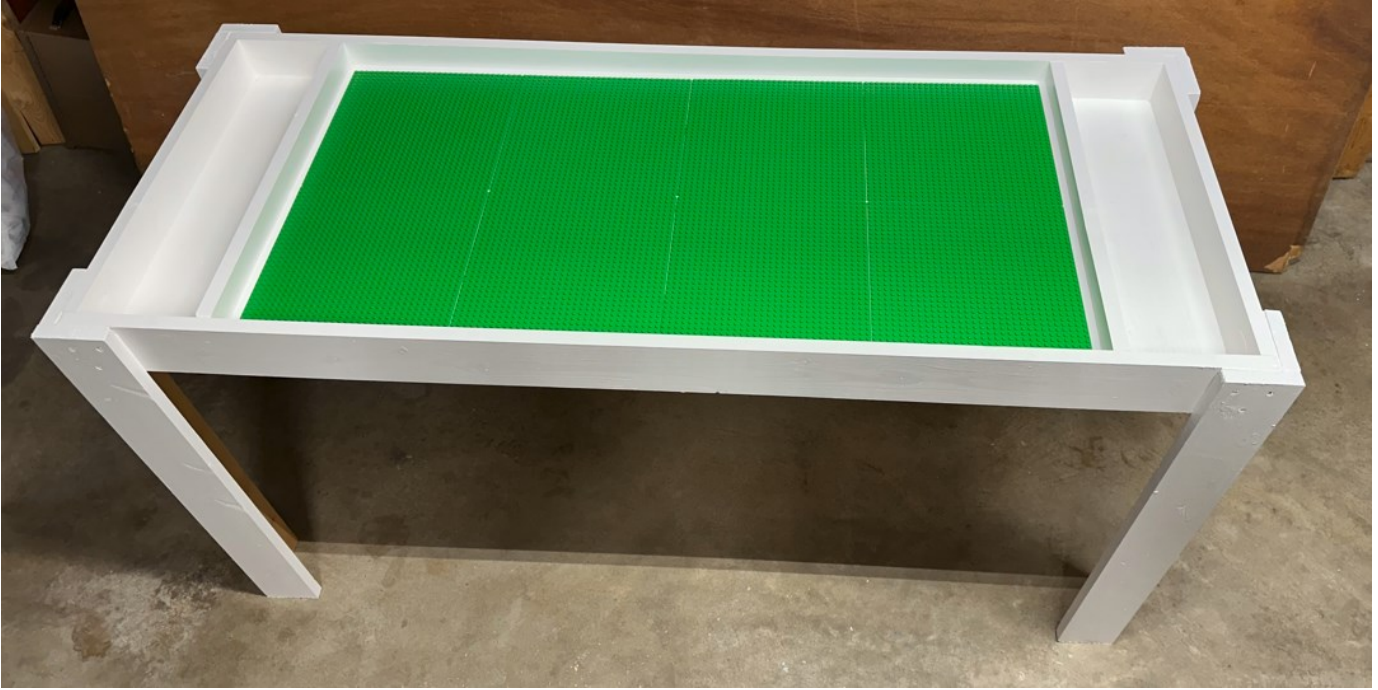
Minutes from Last Month's Meeting

We provided approximately 350 items to Capt. Chandra Grindele. In honor of Bill Nay's many years as club president, Vinton read a custom A.I. poem about Bill in his shop. A hearty applause was given in appreciation of Bill's efforts.

Photos From Last Month's Meeting



Content Submitted by Club Members



Here is a photo of a Lego Table that I build for my Grandkids for Christmas.

Arthur

“KOA” from www.wood-database.com



Common Name(s): Koa, Hawaiian koa

Scientific Name: Acacia koa

Distribution: Hawaii

Tree Size: 65-100 ft (20-30 m) tall,
3-5 ft (1-1.5 m) trunk diameter

Average Dried Weight: 38 lbs/ft³ (610 kg/
m³)

Specific Gravity (Basic, 12% MC): .53, .61

Janka Hardness: 1,170 lbf (5,180 N)

Modulus of Rupture: 12,620 lbf/in² (87.0
MPa)

Elastic Modulus: 1,503,000 lbf/in² (10.37
GPa)

Crushing Strength: 7,060 lbf/in² (48.7 MPa)

Shrinkage: Radial: 5.5%, Tangential: 6.2%,
Volumetric: 12.4%, T/R Ratio: 1.1

Color/Appearance: Color can be highly variable, but tends to be medium golden or reddish brown, similar to Mahogany. There are usually contrasting bands of color in the growth rings, and it is not uncommon to see boards with ribbon-like streaks of color. Boards figured with wavy and/or curly grain are also not uncommon.

Grain/Texture: Grain is usually slightly interlocked, and sometimes wavy. Uniform medium to coarse texture.

Rot Resistance: Rated as non-durable to perishable regarding decay resistance, Koa is also susceptible to termite attack.

Workability: In most circumstances, Koa is easy to work, and sands well. However, figured wood, or pieces with heavily interlocked grain can be difficult to plane or machine without tearing or chipping of the grain; also, Koa can occasionally give problems in gluing, though this is somewhat uncommon. Koa turns, stains, and finishes well.

Odor: No characteristic odor.

Allergies/Toxicity: Besides the standard health risks associated with any type of wood dust, no further health reactions have been associated with Koa. However, several species of Acacia, including the closely related Australian Blackwood, have been reported to cause eye, skin, and respiratory irritation. See the articles Wood Allergies and Toxicity and Wood Dust Safety for more information.

Pricing/Availability: With the tree endemic to Hawaii only, and with supplies dwindling, Koa is likely to be rather expensive. Also, boards of highly figured and/or curly Koa can command fantastic prices.

Sustainability: This wood species is not listed in the CITES Appendices, and is reported by the IUCN as being a species of least concern.

“KOA” from www.wood-database.com



Common Uses: Veneer, furniture, cabinetry, musical instruments (especially guitars and ukuleles), canoes, gunstocks, carvings, bowls, and other turned/specialty wood objects.

Comments: Although Koa is naturally quite abundant on the islands of Hawaii, most Koa forests have been cleared for grazing pastures; and since young Koa seedlings are edible for grazing animals, most new trees are prevented from growing to lumber-harvestable size. As a result, mature Koa trees are either scarce, or in hard-to-access mountainous locations, and the price of Koa is likely to only increase further in the future. Australian Blackwood (*Acacia melanoxylon*) is considered to be a more sustainable, and visually/mechanically similar substitute.

Koa is widely considered to be the most beautiful and useful of Hawaii’s native hardwoods, and along with Monkey Pod and Mango, it is the most common Hawaiian species to be imported into the lower 48 United States.

Visually, Koa has been compared to Mahogany, while in terms of working and mechanical properties, it has been compared to Walnut. Because of its nearly equal tangential and radial shrinkage, (its T/R Ratio is only 1.1), Koa tends to be quite stable regarding environmental changes in humidity.

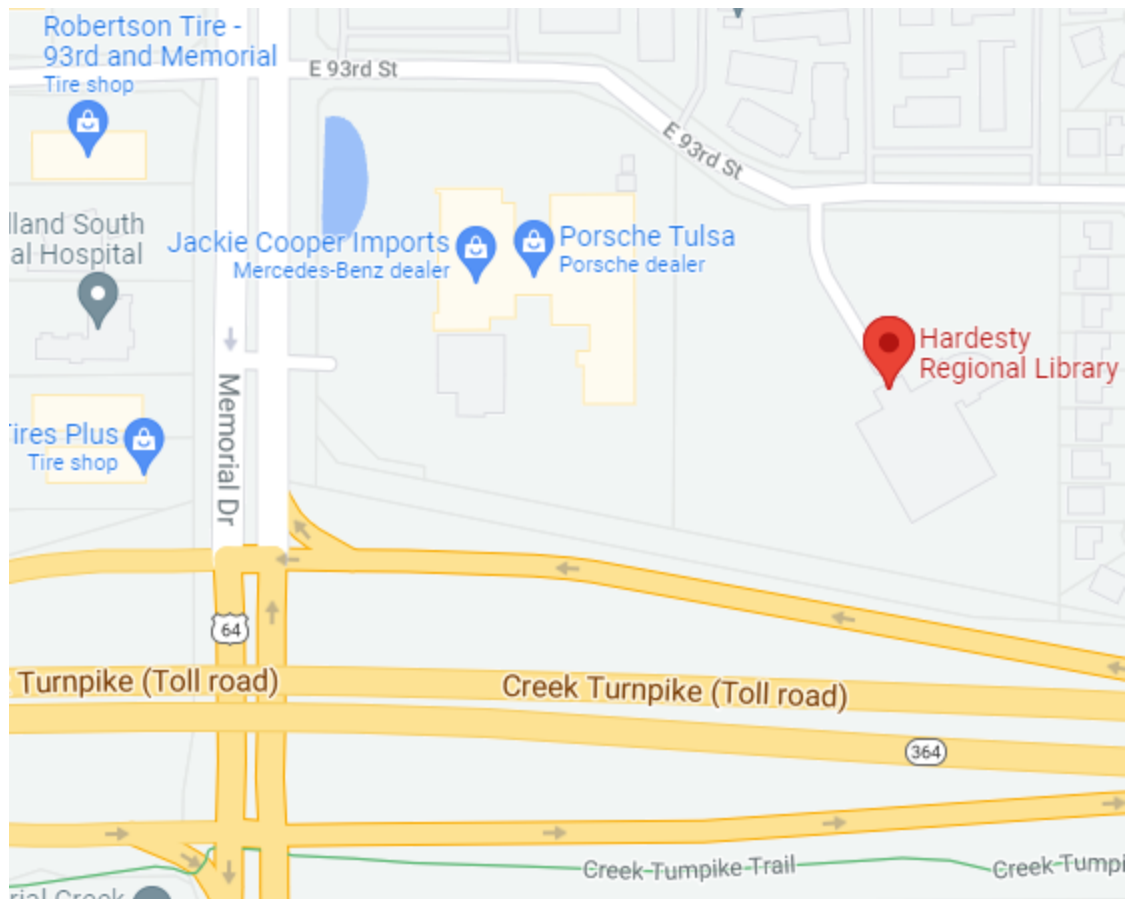
MEETING LOCATION



Hardesty
Library

Off of
S Memorial Dr
and
E 93rd St

8316 E 93rd St
Tulsa, OK 74133



GREEN COUNTRY WOODWORKERS

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

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.

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

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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 at Hardesty Regional Library.

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.

