

Knothole News

www.greencountrywoodworkers.org



PRESIDENT'S MESSAGE



What's a Shooting Board? Is it this?



Well, come find out at this month's meeting!

We'll be gathering at **Robert Rothenberger's shop**, where you'll not only get a look at a great woodworking setup but also learn all about **shooting boards**—what they are, how they're used, and why every woodworker should care.

So bring your curiosity (not your bow and arrows ☐) and join us **this Thursday (9/11)!**

Please also bring a folding chair.

Hope to see you there!

Vinton Knarr

THIS MONTH'S MEETING

Thursday, September 11, 2024 @ 6:30 PM

Robert Rothenbucher's home shop

10509 S Joplin Ave

Shooting Boards

Officers

President

Vinton Knarr 918-508-5898

Vice-President

Gregg Zumwalt 918-605-2761

Secretary

Bill Morgan 918-760-7456

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

The GCWW club met on 8/14/25 at the Hardesty Branch Library. In attendance were Vinton Knarr, Gregg Zumwalt, Earle Smith, Bill Nay, Arthur Barber, Robert Rothenbucher, Jim Rouse, Jeff Reinhart, Jim Redyke, Robert Atherton, and Bill Morgan Vinton called the meeting to order and since we had two new people in the group, he asked everyone to identify themselves and share a little about their woodworking experience.

Arthur Barber has been looking into the feasibility shirts and hats available with the club logo. He reviewed the potential cost of the items at various volume levels and discussed possible color combinations. After some discussion it was agreed that there is probably enough interest to justify pursuing the idea. Arthur will put together a proposal and get some firm pricing for the group to consider.

Vinton reviewed the status of this year's toy build. Several members are building toys on their own and the group build (at the November meeting) will be focused on assembling the toy cement trucks. With some help from the Woodturners club, the building of the truck's component parts is progressing.

Jim Rouse is in charge of purchasing the wheels and axles for the group build as well as any needed for the individual builds. He asked that we get the sizes and quantities needed before the next meeting.

It was agreed that this month's 4th Thursday dinner will be at our "fall back" location - - Oliveto's at 91st and Memorial (8/28 at 6 PM).

The September meeting will be at Robert Rothenbucher's home shop where he'll be discussing the use of shooting boards

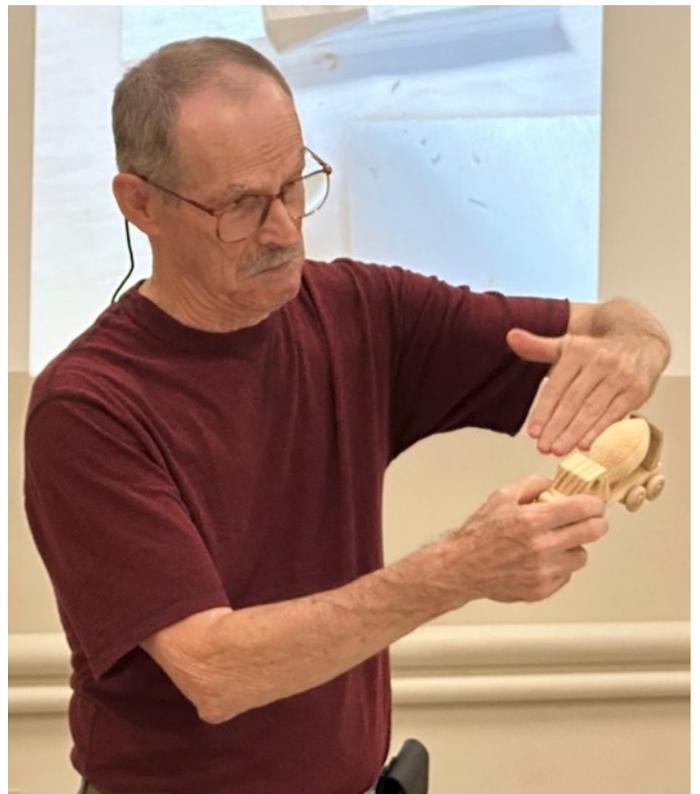
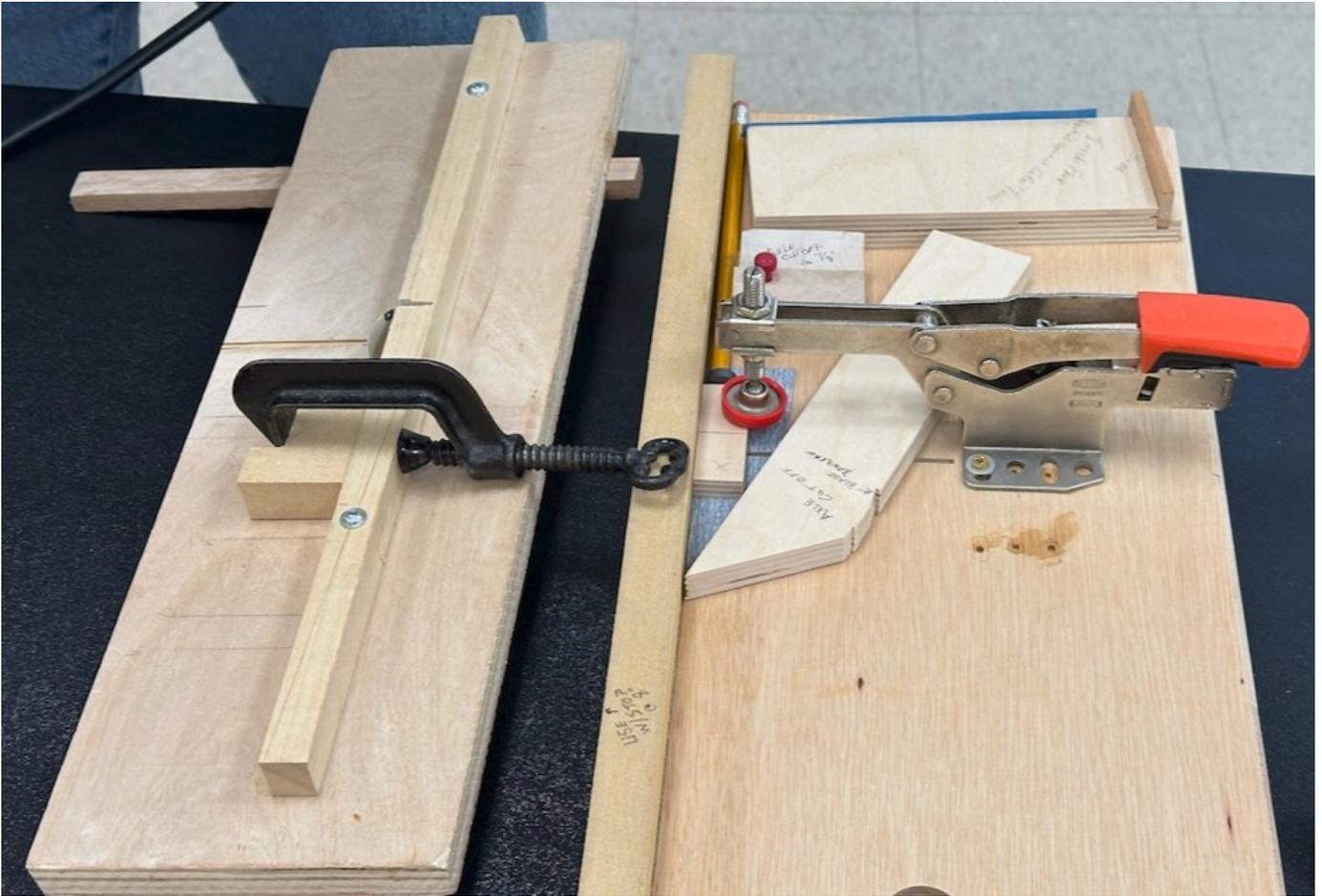
Vinton and Bill Nay discussed some of the inherent problems in producing small parts in the shop. Vinton reviewed the jigs he developed for making the angle cuts for the bracket that supports the drum on the cement mixer truck and Bill discussed the sleds he uses to locate and secure small parts cut on the table saw.

Vinton also highlighted his "cool tool " for the month (calipers) and reviewed several types that are available. He also showed a sample of the backgammon sets and cork lined dice cups that he makes. He also showed a segmented vessel that he recently made for a family member.

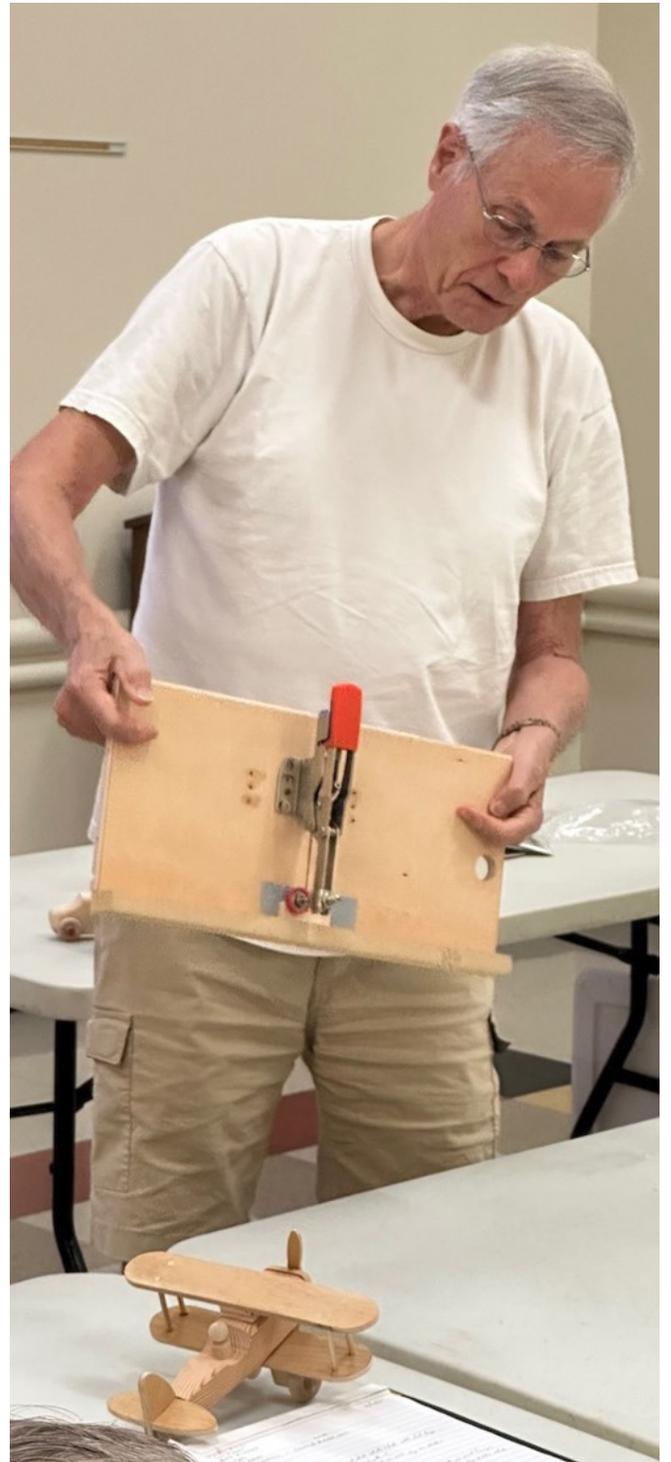
Photos from Last Month's Meeting



Photos from Last Month's Meeting



Photos from Last Month's Meeting



“APPLE” from www.wood-database.com



Common Name(s): Apple, Crab Apple, Wild Apple

Scientific Name: *Malus* spp. (*Malus domestica*, *Malus sieversii*, *Malus sylvestris*, etc.)

Distribution: Found throughout most temperate climates

Tree Size: 13-30 ft (4-9 m) tall, 1 ft (.3 m) trunk diameter

Average Dried Weight: 52 lbs/ft³ (830 kg/m³)

Specific Gravity (Basic, 12% MC): .61, .83

Janka Hardness: 1,730 lbf (7,700 N)

Modulus of Rupture: 12,800 lbf/in² (88.3 MPa)

Elastic Modulus: 1,270,000 lbf/in² (8.76 GPa)

Crushing Strength: 6,030 lbf/in² (41.6 MPa)

Shrinkage: Radial: 5.6%, **Tangential:** 10.1%, **Volumetric:** 17.6%, **T/R Ratio:** 1.8

Color/Appearance: Heartwood can vary from a light reddish or grayish brown to a deeper red/brown. The grain of Apple is sometimes seen with streaks of darker and lighter bands of color, similar to Olive. Sapwood is a pale cream color.

Grain/Texture: Grain is straight (though on some sections of the tree it can also be wild). With a very fine, uniform texture, closely resembling Cherry.

Endgrain: Diffuse-porous; small to very-small pores tending to occur in increased frequency in earlywood zone; exclusively solitary; growth rings distinct; rays usually not visible without lens; parenchyma not typically visible with lens.

Rot Resistance: Apple is rated as non-durable for heartwood decay.

Workability: Apple can be somewhat difficult to work due to its high density, and can burn easily when being machined. Apple glues, stains, finishes, and turns well.

Odor: Apple has a faint, sweet scent while being worked.

Allergies/Toxicity: Besides the standard health risks associated with any type of wood dust, no further health reactions have been associated with Apple. See the articles [Wood Allergies and Toxicity](#) and [Wood Dust Safety](#) for more information.

Pricing/Availability: Apple is seldom available in lumber form, and is usually seen only in very small sizes when available. Likely to be rather expensive, and is usually meant for only small projects and specialized applications.

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

Common Uses: Fine furniture, tool handles, carving, mallet heads, turned items, and other small specialty wood objects.

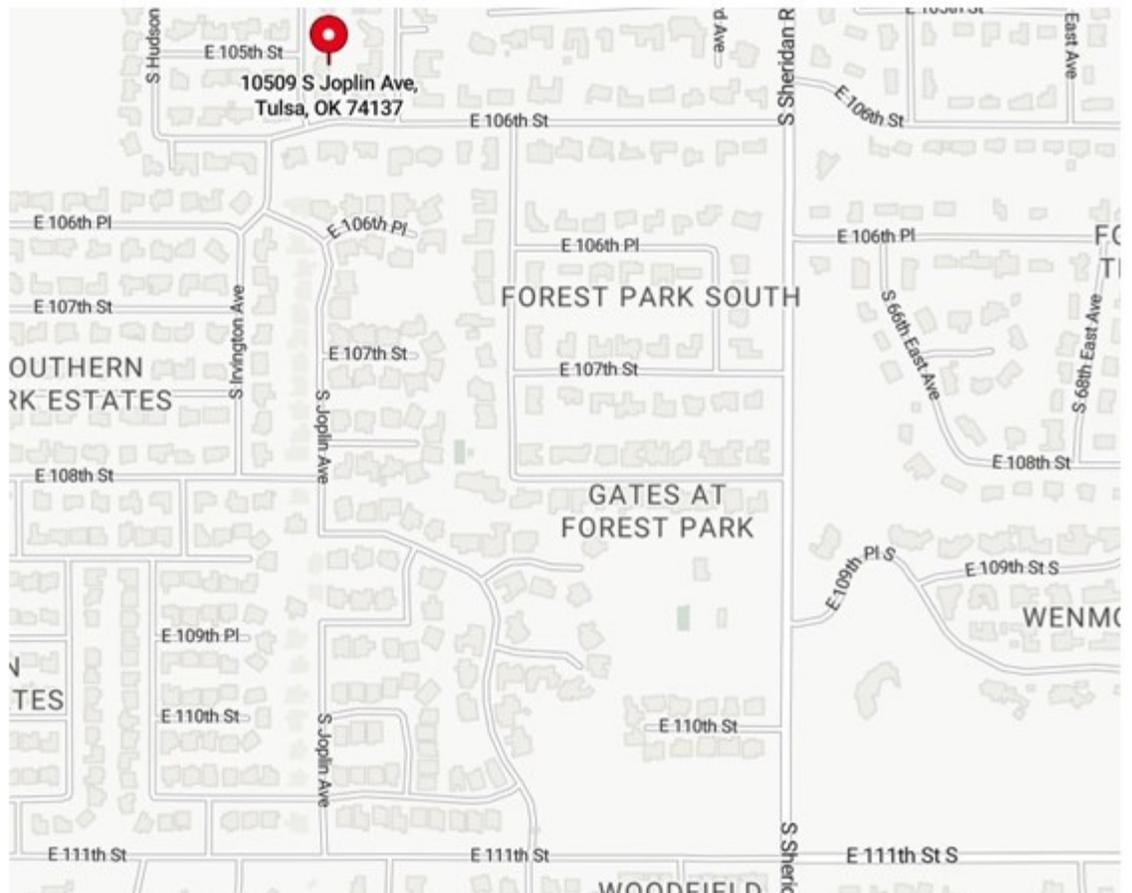
MEETING LOCATION



Robert
Rothenbacher's
home

Off of
S Sheridan Rd.
and
E 106th St

10509 S. Joplin
Ave., Tulsa, OK



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.

