



The DoveTale

June 2011

Woodworkers of SouthEast Texas

Officers:

President	Troy Gallier, 769-8293
President elect	Rob Emanuel, 729-9315
Secretary	Richard Hicks, 553-6157
Treasurer	Waid Gauthier, 735-8392

Committees:

Newsletter	Richard Hicks, 553-6157
Librarian	Larry Trahan, 866-3075
Purchases	Jerry Shivers, 794-2274
Membership	Richard Hicks, 553-6157
Web Master	Rob Emanuel, 729-9315
Programs	Richard Hicks, 553-6157
Toy Project	Dean Partridge, 722-7647

Members:	54	Present:	19	Visitors:	2
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Our Next Meeting will be July 25th

June 27th Meeting

We held the June meeting at our regular meeting location, 1685 Ashley in Beaumont.

Business items included:

- Waid Gauthier - about \$2,223
- Richard Hicks - 54 members
- Web Site - Rob Emanuel reports that he's having problems with our website and he's working to correct them.
- Library - A lot of new books and videos are available for checkout

Next Meeting

Our next meeting will be on Monday, July 25th at our regular meeting facility, 1685 Ashley in Beaumont. David Clubb will present the July program on constructing outdoor furniture and taking an idea to a commercial product. Directions: Take the MLK exit on IH-10, go South on MLK and then turn West on Ashley. Go two blocks and you're there. The business meeting will start at 6:30 and the regular meeting starts at 7:00. Be sure to bring a show and tell item.

Programs

I'm still looking for ideas for our programs. Let me know if you have an idea or would like to present a program. We have a lot of audio/video capability now and I'm available to help with pictures or other forms of electronic presentation aids.

Library

Our librarian, Larry Trahan, received an email offer for some new woodworking videos from Fine Woodworking magazine and he thought they would make a good addition to the club library. However, they were over the \$50 spending limit allowed by our club bylaws. Larry proposed that we establish a budget for library materials.

Rob Emanuel made a motion that we establish a \$250 library budget and that the librarian have the freedom to spend that money for materials for the library. Raymond Fontenote seconded the motion and the motion carried without opposition.

If the Fine Woodworking videos are still available, Larry will order them for the library. If you have suggestions for library materials, let Larry know about them.

Show & Tells



Earl Rutherford built another wood turning tool handle and holder for the new line of carbide cutters. Not only does he save some

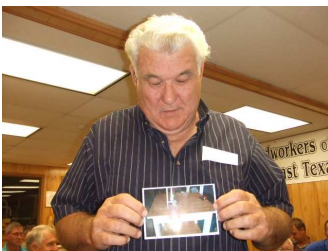
money, he makes the handles to suit his turning style.



David Clubb shows us his newest product, an 18 gal. planter. He's planning to make them for sale at local home centers.



Raymond Fontenote brought a bread box with a sliding tambour door made from Red Oak.



Thomas Ellis brought pictures of his work table with holes in the top that accept Festool table clamps.



Mack Trahan brought a wooden rack loaded with his homemade wooden pens. He made 36 pens from a pecan tree that

grew on the family home site and gave the pens to family members.



Troy Gallier shows pictures of a fence gate he made from cedar and pine.



He also showed a 20" plywood cake disk he made for his wife's cake business and described the router jig he constructed to make the disk.

Rebecca Phelps won the door prize, \$25 since she didn't have a show & tell item.

Beads of Courage Project

The first 25 boxes for our club project, making boxes for the Beads of Courage program at M.D. Anderson Children's Cancer Center, were completed and delivered on June 29th.



The program director, Kate Shamzad, is shown accepting the boxes from project leader, Dean Partridge, and club

members David Mayer, Sam Tobey and Richard Hicks.

We will start construction of 25 more boxes shortly and Dean passed around a signup sheet for those interested in helping build the boxes. When a workday is planned, Dean will start calling people on the list until he gets the required number of people. On the next planned work day, he will start with the next name on the list so everyone will have a chance to work on the project.

Program

Lolly Mayer presented the program titled *Math for Woodworkers 101, part 2*. She covered:

- Circles
- Straight sided figures
- Solids

and how they play a major role in our woodworking projects.

For example, calculating the amount of banding needed to go around a table,

- You would use the circumference of a circle if it were round
- Or the perimeter of a straight sided figure for other shapes.

You might need to calculate the surface area of a project to know how much finishing material you need or laminate you need for the top,

- You would use the area of a circle if it were round
- Or the area of any number of different straight sided figures for other shapes.

The relationship of the sides of various types of triangles was especially interesting and useful to woodworkers. She showed us shortcuts we could use to estimate or calculate the length of the sides of a right triangle. Or, the height of acute triangles and how to calculate the included angles of any triangle.

She covered the specific properties and differences of other straight-sided figures such as squares, rectangles, parallelograms, trapezoids, and polygons (pentagons, hexagons, octagons, etc.). The relationships of the sizes of the sides and the angles of each side are easily calculated and understood with the tables and examples she included in her presentation. These straight-

sided figures are a big part of everyday life as well as our woodworking hobbies.

The relationship of the polygons to circles becomes obvious when you look at her *Regular Polygon Chart*. This information is very useful for very diverse woodworking projects from making bordered tables to constructing the blanks for segmented turnings.

Several members added additional information about how they used math in their woodworking projects, including Jerry Shivers who provided a tip on finding the axis for a large arc or curve used in a piece of furniture like a headboard.

Thank you Lolly, for a very informative refresher course on the everyday math we use in our woodworking. And thanks for the folks that contributed their own woodworking math tricks. A video, as well as a paper copy, of Lolly's presentation is available in our club library and I've included a copy of her "Cheat Sheet" with the newsletter.