

EASTERN MICHIGAN WOODWORKERS

VOLUME 29 NUMBER 06

February 10th, 2015

The February 10th meeting will be held at the Buffy Elementary beginning at 7:00PM. 4235 Crosby Road, Flint, MI 48506 If you arrive late and the doors are locked, walk around to the Gym in the back and knock on the doors, if they are not open.

Directions: Buffey Elementary School is located off Genesee Road between Richfield and Carpenter roads. Turn west off of Genesee on Crosby Road. Buffey Elementary is on the north side of the road.

Upcoming meetings

February 10th:	Elections, and Cambridge legs - Don Ackerman
March 10th:	Tips and Tricks. using hand tools and some tips with power tools & some things to try - August Nuyens
April 14th:	Demonstrate jigs & fixtures - Larry Sills & Jim Carsten
May 12th:	Tune your band saw & how to make knobs -
June 6th:	Annual Picnic

February 10th: We will have election of officers and then Don Ackerman will demo Cambridge legs.

Toy Making Class: It's still not too late to join or start a toy making class. More about the Toy Makers, in this newsletter. We had a good turn out at Jim Carsten shop, and I know some who wanted to be there were at Arnold stained glass class.

Classes are free for EMW members: When you are talking to prospective new members, tell them about some of our free classes. Show them pictures of items you made in EMW classes, or if you have a smart phone, show pictures from our web site "member projects. There are pictures from Arnold Wagner, Paul Henry, myself, Max Shock, Don Ackerman, Del Jacob and Jim Carsten. Tell them they only have to furnish their own materials or pay a for materials that they use. This is a great selling point!

Pictures: It's been a long time since anyone brought in pictures to be added to the "Members Projects" of the web site. You bring in your pictures and I will give them back to you at the next meeting. If you have a scanner, you can scan them and put them on a DVD or Flash Drive and I will give that back to you at the next meeting.

Did you Know: The word "ketchup" comes from the Chinese *ketsiap*, which is entirely unlike the tomato-based condiment we know today, but rather a sauce made from pickled fish. When English and Dutch sailors traveled to the Far East in the 17th century, they discovered the sauce and brought some back with them. Homemade versions became a hit almost instantly. By the mid -19th century, Teresa Heinz Kerry's ancestors began selling a thin, salty version called "tomato ketchup: in 1876. It became so popular that they dropped the word "tomato".

Gene Munsell can weld band saw blades

<p align="center">E & L Hardwoods 5365 Gary Rd. Chesaning, MI 48616. For directions call 989-845-2457. Will give EMW members a 10% discount. Just show your EMW membership card.</p>	<p align="center">Eastern Michigan Woodworkers Newsletter Published once a month by Eastern Michigan Woodworkers, located in Genesee County Michigan. We meet the second Tuesday of the month at Buffy School in the Kearsley School District, during the school year. We would like for you to visit or join us. Contact us at: EMW, 6295 Flushing Rd, Flint, MI, 48433-2546 or dcbare@comcast.net</p>																					
<p align="center">A SAFETY NOTE For all hands on meetings and classes you will need to bring your own safety glasses and ear plugs.</p>	<p align="center">EMW LIBRARY Remember that the EMW Library has many books, plans, magazines, and VHS tapes. Check with Duane or Ann Whitman before you spend your hard earned money</p>																					
<p>Our Librarians: Duane and Ann Whitman are our Librarians. The books are located at Buffey, in cases, with wheels and are brought into the meeting room to be viewed, or checked out at every meeting.</p>																						
<p align="center">  ROCKLER® WOODWORKING AND HARDWARE Create with Confidence™ Will give EMW members a 10% discount. Show your EMW membership card Make sure they record your purchase in their binder for us.</p>	<table border="1"> <tr> <td>President</td> <td>Gene Munsell</td> <td>810.686.2182</td> </tr> <tr> <td>V-President</td> <td>Arnold Wagner</td> <td>810.659-5402</td> </tr> <tr> <td>Treasurer</td> <td>Dennis Ackerman</td> <td>810.736.4726</td> </tr> <tr> <td>Sec/Editor</td> <td>Dan Bare</td> <td>810.240.4192</td> </tr> <tr> <td>Librarians</td> <td>Ann & Duane Whitman</td> <td>810.631.6339</td> </tr> <tr> <td>Past President</td> <td>Dave McGregor</td> <td>810.736.4956</td> </tr> <tr> <td>Pres Emeritus</td> <td>Don Ackerman</td> <td>810.736.7642</td> </tr> </table>	President	Gene Munsell	810.686.2182	V-President	Arnold Wagner	810.659-5402	Treasurer	Dennis Ackerman	810.736.4726	Sec/Editor	Dan Bare	810.240.4192	Librarians	Ann & Duane Whitman	810.631.6339	Past President	Dave McGregor	810.736.4956	Pres Emeritus	Don Ackerman	810.736.7642
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<p>Graphics Galore (the hat and t-shirt guy) is located in Genesee MI. If you are interested in getting a hat or t-shirt, you can stop by and pick the style of hat and shirt. They have the EMW logo.</p>	<p align="center">NELSON'S WOOD PRODUCTS 4375 W. OREGON ROAD LAPEER, MICHIGAN 48446 (810) 664-6091 Show you EMW card for a 10% discount.</p>																					

Having Trouble with EMW Newsletters?

To sign-up for EMW newsletters, send a email to dcbare@comcast.net , subject EMW email
 You should be receiving email, but don't, send email to dcbare@comcast.net , subject No EMW emails

The Toy Makers

by Dan Bare

Jim Carsten hosted the first meeting at his shop on January 24. Jim is helping us get started, but will not remain active in the group. I volunteered to keep track of the groups, what they are making and the age group they selected. Finding out about the number of children and their ages, we discovered we have been missing the target, because over ½ of the students are too old for child toys. Below is a list of ages of students Kersley helped last year. If you will be making toys, cut out this list for future use.

This year (2014) Kersley helped families with students (general numbers not exact) ...

We will have to guess that 50% are male. Also we need to advance the numbers by one year.

Under 1 year =	17
2 year olds =	8
3 year olds =	11
4 year olds =	19
5 year olds =	30
1 st graders =	29
2 nd graders =	20
3 rd graders =	33
4 th graders =	21
5 th graders =	25
6 th graders =	24
7 th graders =	28
8 th graders =	25
9 th graders =	34
10 th graders =	25
11 th graders =	11
12 th graders =	17
Total	377

Not only there are many older students, but many more students than we realized. We didn't supply 377 presents last year. Our goal is that this year, everyone will get something.

Some groups will be making toys for small children, some for middle age children and some for older children. Since we have to furnish our own materials, we need help. Please bring your usable cutoff scraps to meeting or contact someone in the group and we will pick them up.

After talking about different ways we could achieve our goal of making toys. We decided to form small groups rather than try to work together in a crowded shop. The groups are all different sizes, because of the size of the shop they will be working in. Some of the groups will be working together on one project. Such as you make the wheels and I'll make the frame, etc.. Other groups will be working in the same location, but individually on their own project.

The group I will host is very small, because I think I have the smallest shop, so only 3 of us, including myself. We are going to make jewelry boxes for girls and similar boxes for boys. Our goal is to try to make 10 boxes each, total of 30 before next Christmas. I don't know if we can meet that goal or exceed that goal

My group, would like hardwood cutoffs approx. 8" to 16" any width, cherry, maple, Birdseye maple, oak, walnut, and colorful exotic woods. Groups making painted toys will be looking for pine or something paintable

As I find out what the other groups are making, I will print their want list. I know that there is at least one other group making boxes.

How do I know what size to make my boxes?

This question was ask at the meeting of “Toy Makers”. Your design is highly subjective. What you need to do is look at what boxes have been successful to others by going online. If you don’t have a computer, I know you have a friend who has one and knows how to use it.

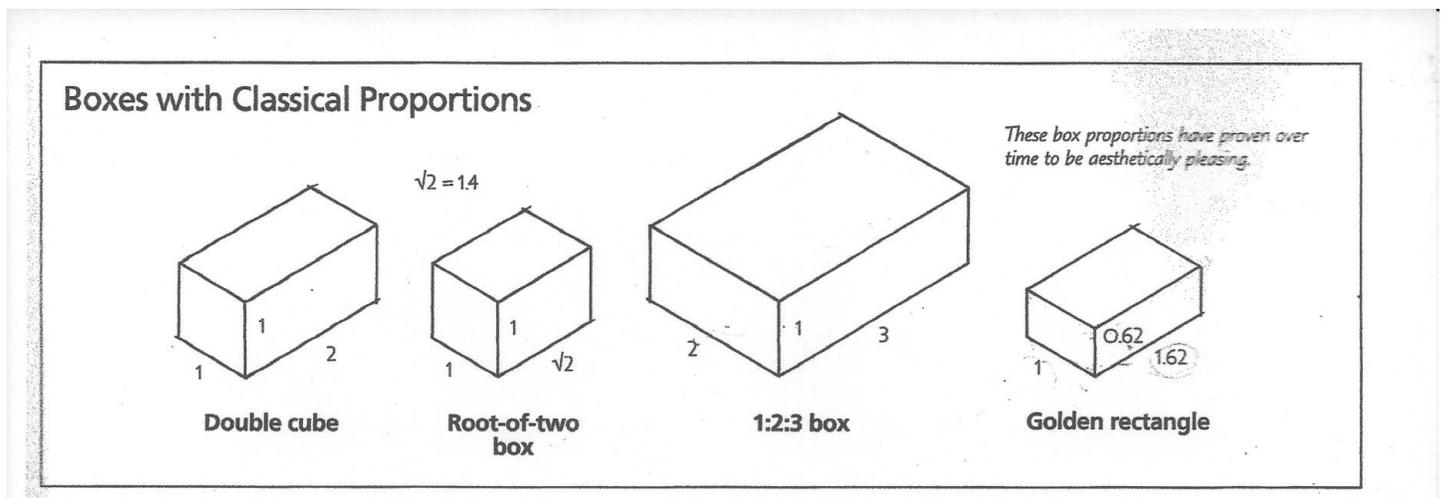
Google “wooden jewelry boxes”. I did and got 7,910,000 hits (a hit is an article or picture). Across the top of Google’s page is a list: “Web, Shopping, Images, Videos, News, More, Search Tools”. Click on “Images”! Don’t pass out. We don’t expect you to start on \$800 boxes.

Under the same header at the top, is a second set of headers with pictures. Click on the one that says “Handmade”. Now look for a box that is simple, yet elegant. If you can’t figure how to make it, ask others in your group for help. Look at the colors and try to figure what they glued together for the top and sides.

You now have to consider the use of the box. If it is for a girl, you can’t go wrong with a jewelry box. Boys no longer wear cufflinks and tie bars or pins, but they do have keys, pocket knives, etc.. The difference between a jewelry box or key box is the size of the tray inside and the design on the top.

Now you need to think about the proportion (size) of the box. Your mind distinguishes between well proportioned and ill-proportioned objects. When you drive down a road and look at houses. Some look nice and others not nice, mostly it is the shapes you are looking at. The sizes and shapes of the windows matters. We like some shapes better than others.

Some shapes go back as far in time as the Greeks. Have you ever hear of “The “Golden Rectangle” or “1:2:3” box or “Root of Two” box or “Double Cube” box?



I will only work with the Golden Rectangle and the 1;2;3 box in this example. When decimals are present I will only use the first 3. The decimals can then be converted to fractions. I will be using Microsoft Excel to work the math, but any calculator will work. I’m sure most of you have a decimal to fraction conversion chart somewhere in your possession.

The Golden Rectangle is Easy

It is the length x 0.62 for width and length x 1.62 for height

$$1 \times 0.62 \times 1.62$$

I'll make are box for you. I'll use 10 as the length for an example.

$$10 \times 1 = 10 \text{ length}$$

$$10 \times 0.62 = 6.2 \text{ width}$$

$$10 \times 1.62 = 3.8 \text{ height}$$

This box is 10" x 6.2" x 3.8" in size.

Lets do one more box. This time 14 inches in length this time.

$$14 \times 1 = 14 \text{ length}$$

$$14 \times 0.62 = 8.6 \text{ width}$$

$$14 \times 1.62 = 5.4 \text{ height}$$

This box is 14" x 8.6" x 5.4" in size.

More Practice

		Golden Rectangle			1:2:3 Box		
		pick a length =		15.000	pick a length=		14.000
		L = length	W = width	H = height	L = length	W = width	H = height
		L	L/1.62	W*0.62	L	L/1.5	W /3
decimal		15.000	9.259	5.741	14.000	9.333	4.667
converted to fractions		15	9 7/27	5 20/27	14	9 1/3	4 2/3
Now you try it:							
		Golden Rectangle			1:2:3 Box		
		pick a length =		14	pick a length=		13
		L = length	W = width	H = height	L = length	W = width	H = height
		14.0	L/1.62	W*0.62	L	L/1.5	W /3
		14			13		
Don't peek until finished							
decimal		14	8.642	5.358	13	8.667	4.333
fraction		14	8 52/81	5 29/81	13	8 2/3	4 1/3

If you can't figure 52/81 change the length a little. Try 13.5 for the length and see what you get.

Did you Know: Ketchup not only does it taste great with French fries; it is ideal for restoring the glow to copper pots and pans. The acid in ketchup removes tarnish and brings out the shine.

Detroit Wood Working Show

February 13 – 15

Friday 12 – 6, Saturday 10 – 6, Sunday 10 - 3

Suburban Collection Showplace

46100 Grand River Avenue

Novi, Mi 48374

Tickets online www.thewoodworkingshows.com \$10

Tickets at the door \$12

This is a good chance, for you to buy your wife, a nice present for Valentine's Day, that she will never forget. Last October, I bought my wife a "**Rockwell Jaw Horse**" for her birthday. I know she loves it, because she is **always** reminding me about it.

Eastern Michigan Woodworkers

Dan Bare

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