

EASTERN MICHIGAN WOODWORKERS

VOLUME 28 NUMBER 09

May 13th, 2014

The May 13th 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

May 13th, Making wooden Wheels on the drill press, Gene.

June 7th, Start making your plans for the annual EMW Picnic. This is an excellent time to bring a prospective member to meet the whole lot of us, including spouses, and friends. Directions and a map will be sent near the middle of May to remind all of you who forgot to mark it on your calendar.

September 9th, First meeting of next season

May 13th Meeting, This meeting will be hands-on. We will be making Wheels on the drill press. Everyone in attendance will have the chance to make two wheels, maybe more, to take home. All materials will be provided at no charge.

Classes, This meeting will be the last time for you to sign up for classes for next year. You can either sign up for a class or sit and watch TV all winter, get bored, then depressed and then do something foolish.

Because of size of woodshops, there is a set limit on number, of persons in the class, so we have to divide a class into two or more groups, meeting on different days. We need to know in advance for planning.

New Class, it has been suggested that we add a new class for members. This class would teach the process, of how to make, toys for Christmas. It would teach how to pick a design and safely build it. What you should use for finish and how to apply the finish. Then you would make a toy. or several toys. It could even turn into a production line, where members help members make toys for children at Christmas.

It could even turn into a permanent class, like other woodworking club's have, just to make toys and gifts for others.

What to you think? Please let us know at the meeting.

Roster: There will be a copy of the current Roster (EMW address & phone list), at the meeting. Please check to see if your information is correct. I will then reprint the roster, with the corrected information and hand it out, to everyone, at the May meeting.

Sketchup, To view how to change a photo into a sketchup drawing. Go to Fine Woodworking site, at the following address and watch a short video, showing all the details.

<http://www.finewoodworking.com/item/111749/a-classic-bench-from-a-picture> . There is a large collection of free drawing at <http://sketchup.google.com/3dwarehouse>

Dues: Dennis Ackerman, 4470 Branch Rd., Flint, MI 48506.

Email Address?: If you have a new email address, or now can switch, from the mailed newsletter, to the email version, of the newsletter, to save the club money. Please email it to dcbare@comcast.net

Our Librarians: Duane and Ann Whitman are our Librarians. The books are located at Buffey, in cases, with attached wheels and are brought into the meeting room to be viewed, or checked out at every meeting..

Gene Munsell can weld band saw blades

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.

**Eastern Michigan Woodworkers
Newsletter**

Is 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.

You may contact us at:
EMW
6295 Flushing Rd
Flint MI 48433-2546
dcbare@comcast.net

A SAFETY NOTE

For all hands on meetings and classes you will need to bring your own safety glasses and ear plugs.

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



Will give EMW members a 10% discount. Just show your EMW membership card
Make sure they record your purchase in their binder for us.

**DEMOTT TOOL AND SAW
SHARPENING AND REPAIR**

Eric Johnson is the owner and operator of located at 1919 N Lapeer Rd., Lapeer 48446. Phone 810.667.2005. (Located, in the back, of Lapeer Awning and Window.

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

Graphics Galore (the hat and t-shirt guy) is located at 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 on file.

NELSON'S WOOD PRODUCTS

**4375 W. OREGON ROAD
LAPEER, MICHIGAN 48446
(810) 664-6091**

Will give EMW members a 10% discount. Just show you membership card

Buy or Sell

Remember if you are looking for something to buy or sell or have some info for the newsletter, contact Dan Bare dcbare@comcast.net or 6295 Flushing Rd., Flushing, MI 48433

Don't forget to show your EMW membership card.

25-Apr-14

E & L HARDWOOD
5365 GARY RD.
CHESANING, MICH. 48616
PHONE(989)845-2457
HOURS 8:30 AM TO 5:00 PM.
SATURDAY 8:30 TO 12:00
Fax (989)845-2176

SPECIES	GRADE	4/4	5/4	6/4	8/4	12/4	16/4	
ASH	SELECT	\$3.10		\$2.84	\$3.32			
AROMATIC CEDAR	1 COM	\$2.68						
BASSWOOD	SELECT	\$4.38						
BIRCH	SELECT	\$4.87			\$5.03			
CYPRESS	SELECT	\$3.31		\$3.92				
CHERRY	SELECT	\$4.02	\$6.11	\$6.45	\$6.81			
MAHOGNEY SAPELE	SELECT	\$4.78			\$5.88			
RED OAK	FAS	\$3.79	\$3.89	\$3.95	\$4.02			
RED OAK 4' 5' & 6'	SHORTS	\$3.15						
WHITE OAK QD. SAWED	SELECT	\$4.41		\$6.28				
WHITE OAK	SELECT	\$3.15		\$4.62				
HARD MAPLE	SELECT	\$3.95		\$4.63	\$4.82			
SOFT MAPLE	SELECT	\$3.56	\$3.91	\$3.93	\$4.03			
PINE	SELECT	\$3.91		\$3.79				
PINE KNOTTY	FURNITURE	\$2.26						
YELLOW POPLAR	SELECT	\$2.52	\$2.30	\$2.34	\$2.43			
WALNUT	SELECT	\$6.30			\$6.29			
BRAZILIAN CHERRY	SELECT	\$5.58	\$5.69					
HICKORY	SELECT	\$3.05		\$3.73				
Knotty Alder	FURNITURE	\$2.52						
MAPLE DOWELS 48" LONG								
1/4	5/16	3/8	1/2	3/4	1	1 1/4	1 3/8	1 1/2
\$0.26	\$0.61	\$0.71	\$0.91	\$1.82	\$2.32	\$3.63	\$4.80	\$7.27
OAK DOWELS 36" LONG								
	3/8	1/2	3/4	1				
	\$0.81	\$1.11	\$1.77	\$3.90				

ALL LUMBER SOLD BY THE BOARD FOOT.

LUMBER IS KILN DRIED .

LUMBER IS IN RANDOM LENGTHS AND WIDTHS.

PLANING \$.30 PER BOARD FOOT.

STRIGHT LINE \$.10 PER BOARD FOOT.

(OVER)

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

\$.10 DISCOUNT on 100 BD. FT. OF ANY SPECIES.

CUSTOM MOLDINGS MADE TO ORDER.

CUSTOM SANDING \$50.00 PER HOUR.

MOLDING PRICE PER FOOT
CROWN TRIM \$.20 EXTRA PER FOOT

		OAK	POPLAR	SoftMaple	PINE
0.50	INCH	\$0.60	\$0.48	\$0.60	\$0.60
0.75	INCH	\$0.72	\$0.57	\$0.72	\$0.72
1.00	INCH	\$0.83	\$0.65	\$0.83	\$0.84
1.25	INCH	\$1.02	\$0.73	\$0.95	\$0.95
1.50	INCH	\$1.07	\$0.81	\$1.06	\$1.06
1.75	INCH	\$1.18	\$0.89	\$1.17	\$1.17
2.00	INCH	\$1.30	\$0.97	\$1.29	\$1.30
2.25	INCH	\$1.42	\$1.06	\$1.40	\$1.41
2.50	INCH	\$1.53	\$1.14	\$1.51	\$1.52
2.75	INCH	\$1.65	\$1.22	\$1.62	\$1.63
3.00	INCH	\$1.76	\$1.30	\$1.73	\$1.76
3.25	INCH	\$1.88	\$1.38	\$1.85	\$1.87
3.50	INCH	\$2.00	\$1.47	\$1.96	\$1.99
3.75	INCH	\$2.11	\$1.55	\$2.08	\$2.11
4.00	INCH	\$2.23	\$1.63	\$2.19	\$2.23
4.25	INCH	\$2.35	\$1.71	\$2.31	\$2.35
4.50	INCH	\$2.46	\$1.79	\$2.42	\$2.47
4.75	INCH	\$2.58	\$1.87	\$2.53	\$2.59
5.00	INCH	\$2.69	\$1.96	\$2.64	\$2.71
5.25	INCH	\$2.81	\$2.04	\$2.75	\$2.83
5.50	INCH	\$2.93	\$2.12	\$2.87	\$2.95
5.75	INCH	\$3.04	\$2.20	\$2.98	\$3.07
6.00	INCH	\$3.16	\$2.28	\$3.10	\$3.19
6.25	INCH	\$3.27	\$2.36	\$3.21	\$3.31
6.50	INCH	\$3.39	\$2.45	\$3.33	\$3.51
6.75	INCH	\$3.51	\$2.53	\$3.44	\$3.54
7.00	INCH	\$3.62	\$2.61	\$3.55	\$3.66
7.25	INCH	\$3.74	\$2.69	\$3.66	\$3.78
7.50	INCH	\$3.86	\$2.77	\$3.77	\$3.90

MISCELLANEOUS

OAK GALLEY SPINDLE 1"		\$0.25
OAK GALLEY SPINDLE 1 1/2"		\$0.30
OAK SPINDLE 3"	1/4 TENON	\$0.35
OAK SPINDLE 6"	1/4 TENON	\$0.40
OAK SPINDLE 9"	3/8 TENON	\$1.01
OAK SPINDLE 11 1/4 "	3/8 TENON	\$1.60
2" WHEEL & AXEL BIRCH		\$0.56
OAKBUTTON	3/8 DOME	\$0.04
	1/2	\$0.05
BIRCHBUTTON	3/8 DOME	\$0.03
	1/2	\$0.04
OAK PLUG	3/8 SIDE GRAIN	\$0.07
	1/2	\$0.07
	3/4	\$0.15
	1	\$0.25
MAPLE PLUG	3/8 SIDE GRAIN	\$0.05
	1/2	\$0.05
	3/4	\$0.12
MINI SHAKER PEG		
OAK		\$0.25
BIRCH		\$0.15
MEDIUM SHAKER PEG		
OAK		\$0.35
BIRCH		\$0.25
LARGE SHAKER PEG		
OAK		\$0.40
BIRCH		\$0.35
DOWELL PINS		
	3/8 X 1 1/2	\$0.03
	3/8 X 2	\$0.04
TABLE PINS		
	3/8 X 1 1/4	\$0.05
ROPE MOLDING 3/4"		
CHERRY	Per Ft.	\$2.63
POPLAR	Per Ft.	\$1.22
HARD MAPLE	Per Ft.	\$2.42
RED OAK	Per Ft.	\$1.89
HICKORY	Per Ft.	\$1.89

PLYWOODS

OAK	A-1 2 SIDES PLAIN SLICED VENNER CORE	3/4" X 4' X 8'	\$76.50		
OAK	B-1 2 SIDES PLAIN SLICED LPC CORE	1/2" X 4' X 8'	\$70.00		
OAK	B-2 2 SIDES PLAIN SLICED MDF CORE	1/4" X 4' X 8'	\$42.50	2 3/4" ROSSETTES	\$3.00
OAK	B-2 1 SIDE PLAIN SLICED MDF CORE	1/4" X 4' X 8'	\$29.00	3 1/2" ROSSETTES	\$3.25
MAPLE	B-1 2 SIDES ROTARY CUT VENNER CORE	3/4" X 4' X 8'	\$76.25	2 3/4" PLINTH BLOCKS	\$3.00
MAPLE	B-1 2 SIDES ROTARY CUT VENNER CORE	1/2" X 4' X 8'	\$71.25	3 1/2" PLINTH BLOCKS	\$3.25
MAPLE	C-2 1 SIDE ROTARY CUT MDF CORE	1/4" X 4' X 8'	\$36.00	INSIDE CORNERS	\$1.90
MAPLE	CABINET GRADE VENNER CORE	3/4" X 4' X 8'	\$58.00	OUTSIDE CORNERS	\$5.70
BALTIC	BIRCH B-1 5' X 5' 2 SIDES	1/8" X 5' X 5'	\$16.87		
BALTIC	BIRCH B-1 5' X 5' 2 SIDES	1/4" X 5' X 5'	\$21.60		
BALTIC	BIRCH B-1 5' X 5' 2 SIDES	3/8" X 5' X 5'	\$26.15		
BALTIC	BIRCH B-1 5' X 5' 2 SIDES	1/2" X 5' X 5'	\$38.00		
BALTIC	BIRCH B-1 5' X 5' 2 SIDES	3/4" X 5' X 5'	\$40.60		
		BALTIC			
OAK	veneER PAPER BACK	4' X 8'	\$58.00		

ROSSETTES & PLINTH BLOCKS

RED OAK FLOORING

		Call For A Price			
2 1/4	RANDOM SELECT	\$0.00	PER SQ FT.	18.00	SQ.FT. / BDL. PER.BDL
2 1/4	RANDOM NATURAL	\$0.00	PER SQ FT.	18.00	SQ.FT. / BDL. PER.BDL
3 1/4	RANDOM SELECT	\$0.00	PER SQ FT.	17.34	SQ.FT. / BDL. PER.BDL
3 1/4	RANDOM NATURAL	\$0.00	PER SQ FT.	17.34	SQ.FT. / BDL. PER.BDL

1000 2" Flooring Nails Per Box	\$19.55
5000 2" Flooring Nails Per Box	\$70.00

Would like to teach a class? Make sign-up sheet and bring it to the meeting.

I had never taught a woodworking class until last year. My first class was a Shaving Horse and second class a Circle cutting Jig. My shop is very small and parking very limited, but Ken Taylor helped me with the design and building the prototype shaving horse.

Jim Carsten hosted the first class at his shop and walked me thru the details of what to do.

Arnold Wagner hosted my second class and was a very, very big help. First Arnold help redesign the circle cutting jig and reduce cost by at least 80%. Thanks Arnold

We have members that will help and guide you. Your students will be the richer in skills for what you helped them build, plus the added benefit of enjoying using it.

E & L Hardwoods, I needed some Baltic Birch plywood so I went to E&L hardwoods.

They cut the plywood, for me, so it would fit, in my car. Because I'm a member of EMW, they gave me a 10% discount on the total price.

They sent me a new pricelist and I will be uploading it to our web site shortly. I will also bring some price list to the meeting for email members

Clothing Donations: Buffey School has 2 rooms of clothes to display and are need donations of all sizes and ages including adults.

Toy Plans: Wood magazine has printed 11 plans for toys so far. They include an article and also a cutout pattern. They started in 1999 and just released the Backhoe Loader in the July 2014.

These are excellent plans and should be in our library. If you are done with any of the following issues of Wood magazine and are not keeping it for your own library, please donate them to EMW instead of tossing them in the trash. If you want to download the plans, you can go to www.woodmagazine.com/cgtoys for \$5.95 each. For some of the plans you can also order kits, with wheels and other parts for additional costs.

- Backhoe Loader Woodworking Plan, featured in the July 2014
- Concrete Truck Woodworking Plan , featured in the March 2014
- End Loader Woodworking Plan, featured in the November 2013
- Scraper Woodworking Plan, featured in the July 2013
- Dump Truck Woodworking Plan, featured in the November 2012
- Skid Loader Woodworking Plan, featured in the May 2012
- Motor Grader Woodworking Plan, featured in the November 2011
- Tractor/Trailer Woodworking Plan, featured in the July 2011
- Excavator Woodworking Plan, featured in the November 2009
- Bulldozer Woodworking Plan, featured in the September 2010
- Mobile Crane Woodworking Plan, featured in the September 2008.

Air Cleaner, after all my research into air cleaners, I finally bit the bullet and got a Jet AFS-1000.

The price was the same at Woodcraft, Amazon, and Rockler, but Rockler was offering a \$50 gift card with purchase. I used the gift card and bought a "Electrostatic, washable outer filter". Ken Taylor helped me hang it from the ceiling. I put on a N95 face mask, started the air cleaner and used compressed air to dust off everything in the shop. I let the air cleaner run for 2 hours. Changed the very dirty outer filter, and repeated everything. I have noticed a drastic reduction of my allergies and I feel better. I had been using over two boxes of tissues a week. I set the air cleaner on for 2 hours, every time I use table saw or sand. I still use an N95 face mask, because the table saw throws dust in me face. I now need to make a wand out of 1 ½ pvc tubing, with rows of holes drilled in it, to attach to my shop vac to clean the inner filter. I will bring the wand to a meeting after I make it

Dust Particle Size and Respiratory Health (review)

A 5 micron wood dust particle can stay aloft for 30 minutes or longer, depending on the air movement it encounters.

Dust particles under 10 microns constitute the primary respiratory health risk to woodworkers. They can penetrate easily into the deepest reaches of the lungs

Inner bag filters (1 micron type) can be cleaned by a homemade tool using PVC pipe fitted to a shop vac hose with the end of the pipe plugged and a series of holes drilled in the sides. This allows the pockets, to be vacuumed out, without damaging, the delicate bag material.

An easy way to determine when the filters need changed or cleaned is to attach a ribbon to the diffuser or exit port on the back of the machine. When the filters are new and the machine is running this ribbon should be trimmed so that it whips vigorously in the exhaust air. As the filters in the machine become clogged and start to restrict the air flow the ribbon will start to droop on the end and not move as vigorously. This is an indication that the filters need attention.

Disposable pre-filters can be gently cleaned with a brush attached to a shop-vac to help extend their life. If you find that you are frequently replacing the pre-filter, a washable electrostatic pre-filter may still be the most economical choice.

Eastern Michigan Woodworkers

Dan Bare

6295 Flushing Rd

Flushing MI 48433