

EASTERN MICHIGAN WOODWORKERS

VOLUME 28 NUMBER 08

April 8th, 2014

The April 8th meeting will be held at the Buffey 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

April 8th Junior Clip Board, Arnold and Larry

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

June 7th **I surely hope the snow is gone for the picnic!!!**

FYI: I talked to Gene Munsell last night and he is very ill. Please say a prayer for him.

April 8th Meeting: Hands-on, we will make a Junior Size Clip Board (approx. 6x 10). Everyone making a clipboard will receive a free junior legal pad. All materials will be provided at no charge.

Classes: Have you signed up for classes for next year. If not you better sign-up at the meeting. Most of the classes have a set limit on number of persons in the class. Sometimes we have to divide a class into two or more groups, meeting on different days.

Do you have a class that you would like to teach? Make sign-up sheet and bring it to the meeting .

I had never taught a woodworking class until last year. My shop is very small and parking very limited, but Ken Taylor helped me with the design and building the prototype shaving horse. Then Jim Carsten volunteered to host the class at his shop and walked me thru the details of what to do. 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.

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.

If you want to see how to create a sketchup drawing from a photo. 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.

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

**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.

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

Classes (this year)

All classes that you signed-up for last year, will be completed yet this April and May.

Folding step stool: Gene and Arnold will hold the “Folding Step Stool” sometime in April. Details will be at the meeting.

CIRCLE CUTTING CLASS: I met with Arnold Wagner a couple of days ago and he has volunteered help me and to have this class at his shop on April 12th. The class will be held on two sessions, both on April 12th. We will have a 9:00 AM class and a 1:00 PM the same day. You will get a chance to pick your time at this coming meeting.

The following members are signed-up for the class: Dennis Alpin, Ernest Baumgard, Roger Bickford, Jim Carsten, Jack Edwards, Bill Goodfellow, Jimmy Graves, Terri Hammond, Juan Hernandez, Joyce Jones, Rodney Laurin, Terry Maata, Marc Peterson, Johnnie Sue Petrich, Tom Raysin, Larry Sills, Ross Trnka, Larry Wing

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

Filtering the Air in Your Shop

A dust collection system is a vital part of any woodshop environment but it needs some backup to make your shop a healthier place to work. Air filtration systems capture the fine - more dangerous - particles floating in the air.

In "Getting Tough on Dust" we covered the first phase of woodshop dust collection: getting a handle on the large-particle dust, chips and shavings. But a dust collection system alone is not usually sufficient protection against fine wood dust. In reality, even the best dust collector can leave clouds of minute airborne dust particles floating through the air. Below, we'll look at the drawbacks of letting fine dust run wild, and strategies for handling the problem.

Dust Particle Size and and Respiratory Health

Dust particles are measured in microns, or thousandths of a millimeter. Larger dust particles - over 100 microns or so - are heavy enough to fall to the floor quickly. They're part of the mass of debris that collects with such alarming speed on the floor under and around your woodworking tools. Fine dust particles, on the other hand, don't have enough mass to be pulled quickly to the floor and can float through the air in your shop for a surprising length of time. **Once a 5 micron wood dust particle is stirred up, it will 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're easily stirred up, stay aloft for a long time, and worse, penetrate easily into the deepest reaches of the lungs, where they are reported to cause problems ranging from mild allergic reactions to severe and chronic respiratory ailments. While the seriousness of the health effects of long-term small particle fine wood dust exposure remains open to debate, more and more woodworkers, convinced by the evidence of health risks that currently exists, are beginning to take fine wood dust exposure seriously.

For optimum operation, air filtering machines are mounted 8 to 10 feet high near the center of a woodworking shop. They can also be mounted on a high shelf. The goal is to have the machine working at a height where the light dust (and microscopic dust) tends to float in the air.

An air filter should recirculate the air in the shop a minimum of 10 times an hour. To determine the minimum air flow needed, first multiply the length x width x ceiling height as measured in feet and then divide this number by 10.

Inner bag filters can be cleaned by making a 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 will allow the pockets to be cleaned out without the vacuum 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 then the washable electrostatic pre-filter may still be the most economical choice.

**Eastern Michigan Woodworkers
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