



**Ed Eich, Manager**



**Kathy Villani  
Assistant Manager**

## Stained Glass

### Stained Glass Group Update

Stained glass classes began again in September. We have 8 students in the Basic Stained Glass classes in the Fall term. Thus far, 4 students have completed butterfly suncatchers and are working on the fish suncatchers. We'll have pictures of the completed projects next month. Several of the students have already signed up for the Intermediate class and we are looking forward to seeing their Iris panel creations.

We have taken an inventory of all of our saleable stained glass, priced it, and are in the process of entering that data in the VWC computer system. Many thanks to Dick Hartley and Anne Bell for setting up the process which will allow us to sell the glass we have to shop members. Should you wish to purchase stained glass for your own use, please see Kathy Villani on Friday mornings at the shop.



**Hans Zassenhaus, Manager**

## Special Projects and Website

### ***Special Projects:***

We are always in need of VWC Members to assist in working on Special Projects. Any member can select a Special Project from the **Green Binder** at the front Desk. Simply choose a project, ensure that you have entered your name on the sheet in the "Assigned To" space and then proceed to fulfill the requirements. When you have finished the project, put a piece of purple tape on the project, store it in the Special Projects Area of the Shop AND notify the Front Desk that you have finished the project. Many projects will require less than one-hour to complete.

The following are statistics for period August 13 – October 5, 2019:

Special Projects Accepted:	107
Special Projects completed:	103
Total contributions to the VWC:	\$ 3437.83

Pre-Made Items managed by Bernie Harkins

Items Sold	337
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Total Contributions: \$ 3617.95

Thanks to all VWC members who contributed their time and talents in working on these Special Projects and Pre-Made items.

### **Website:**

***We are looking for a VWC member to assist in the maintenance and operation of our website in addition to current staff. If you are interested please contact Hans Zassenhaus at [woodshop@thevwc.org](mailto:woodshop@thevwc.org).***

As you register for a class, this class will appear on your personal schedule of classes. Your Monitor assignments also show up in your personal Monitor Schedule, Both of these personal schedules appear under the Members Lounge tab when you sign onto the website, as <http://www.thevwc.org>.

To see a listing of all classes that are available for registration go to <http://www.thevwc.org/Education/Available-Classes>. Also, to view a complete listing of all class sessions, as well as other VWC activities go to the VWC Event Schedule listed under the Members Lounge at <http://thevwc.org/VWC-Event-Calendar> AFTER you log onto the website. NOTE that the event schedule shows all events and should not be used as the source for your selection of courses for registration.

If you have an idea of how to improve the website please send your suggestions to [woodshop@thevwc.org](mailto:woodshop@thevwc.org).



## **Administration – Front Office**

**Anne Bell, Manager**

### **GOOD NEWS!**

Dues for 2020 will remain at \$55.

**We will start collecting 2020 dues on October 14<sup>th</sup>.**

Bring you calendar because you will be selecting your monitor duty for 2020.

We will **NOT** have to sign new Villages Waivers on October 1<sup>st</sup>. The ones signed last year are good forever.

Only new members will be signing waivers.

**Remember we only accept CASH or CHECKS at the front desk – NO CREDIT/DEBIT CARDS!**



## Member Merchandise

**Steve Eikenberry**

Sales have been slow over the summer, mostly consisting of sandpaper, CA glue, and some pen kits. We have plenty of turner's supplies in stock as snowbirds arrive this fall. We also have a very large supply of various gift kits. For example, we have lots of wine bottle stopper kits that make great favors when you're invited to someone's home, or as a special gift to family. Making a gift from one of our kits is also a great way to practice your lathe skills. Please look at the merchandise book at the front desk for gift ideas.



## Library

**Mary Ann Main**

No update this month.



## Education

**Deb Larouere**

There are still some classes with openings in this Fall Term, but time is running out. Check online at <http://thevwc.org/>

Hover over the Education tab and then click on the "Available Classes" to see what's still open. As any other classes are added, they will be announced through email.

Please remember that:

Course sign ups are in person (doesn't have to be you) at the Front Desk

Cash or check only

No refunds

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So, please check both the Course Description and your calendar first for Prerequisites and dates. The computer doesn't know what fun activities you've already got scheduled or if your computer will work in the CNC class, or if you have the preliminary skills needed to be successful for example. Contact the Instructor with questions about the class before signing up.

We would love to schedule more classes and will gladly do so if more Instructors volunteer. If you've got woodworking skills to share, we can help you to get off to a good start as an Instructor. We also need qualified Mentors. Contact Debbie Larouere.



### IT (Information Technology)

#### Bill Pappas

Current efforts revolve around daily support of existing IT systems such as the Front Desk and Electronic Doors. Development efforts continue to take place for the systems we will need when we have a second wood shop location. Progress is being made on the best way to implement products provided to the shop through the Microsoft Non-Profit agreement. Multiple meetings have taken place regarding IT requirements for the new woodshop with the design team and with the Villages IT support team. IT needs to add a few folks to the team to help with IT implementation and support of new shop.



### Lumber

#### Stephen Yovan, Manager

**Lumber species of the month...** Poplar

**Characteristics....** The color ranges from near-white through creamy-white to grey , and sometimes pinkish-brown or very pale brown. It is typically straight-grained, with a fine texture.

**Properties...** Poplar has a medium crushing strength , very low stiffness, and resistance to shock loads, and a low bending strength, with a poor steam-bending rating. It generally works well with both hand and machine tools. It glues, nails and screws well, and polishes, paints and varnishes satisfactorily, but staining gives variable results. It is not durable, and is particularly susceptible to insect attack.

**Origin ...** Eastern United States and Canada

**Common uses....** Joinery, light structural work, kitchen utensils, food containers, flooring, boxes and crates, fruit baskets, matches, wood pulp, core stock and plywood.

**Availability...** about 500 board feet is in stock at \$3.50 per board foot, in variable widths

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from 6" to 13" and in 8' to 10' lengths , 8/4 and 4/4 thickness and in rough and S3S



Conway Williams, Manager

### Toys

#### **The VWC Toy Department is on target for another very successful year.**

Since our last report we continue to have a very busy and productive year.

We have also returned to doing Toys on the Square. We had our first fall outing to Brownwood Paddock Square on September 19<sup>th</sup> where we endured three separate rain showers to a total of \$224.00, with \$102.00 in sales and \$122.00 in donations. A special thanks to the team of Ron Gammon, John Scott, Mike Custard, Spike Durant, and Frank Kosa who made it possible.

On September 21<sup>st</sup> we worked with the Villages Entertainment Staff to confirm our 2020 Schedule for Toys on the Square. The Schedule contains 10 dates spread between the three squares, running from January thru May and September thru December.

Our Elves and Painters continue their hard work!

- They had produced 7669 toys through the end of August, since that report they have added:
  - o In September 360 Toys made
  - o At the end of September that gave us 8,029 Toys produced, which is 1,374 Toys ahead of last years' record pace
  - o So far in October we have added an additional 174 Toys
  
- On the shipping side we are also making good progress.
  - o In September 392 Toys shipped to 2 clients.
  - o At the end of September that gave us 6143 toys shipped with a donation value of \$40,730.
  - o So far in October we have already made 2 shipments of 564 toys with a donation value of \$5722.00.

We have been invited to participate in Hoedown Days at the Polo fields on Friday January 25<sup>th</sup> 2020. More information will become available later in the year.

We are looking forward to Thursday October 10<sup>th</sup> when we will be returning to Brownwood Paddock Square for our second Toys on the Square of the fall season.



## Safety and Turners

John Herega, Manager of Safety and Turners

### TURNERS GROUP

**WE ARE IN NEED OF A VOLUNTEER TO OPERATE OUR VIDEO TAPING AND PROJECTION OF OUR DEMONSTRATIONS. IF INTRESTED CONTACT JOHN HEREGA AT [herega@hughes.net](mailto:herega@hughes.net) or leave a message at the front desk.**

### TURNERS

The October turner's group monthly meeting will be held Tuesday October 15, 2019 promptly at 7:00PM in the shop. Please bring a show and tell item.

October demonstrator will be Ron Browning. Due to the approaching holidays, I believe, he will be demonstrating Christmas tree decoration(s) and a finishing material.

### NEW LATHES:

We have purchased two new lathes.

POWERMATIC MODEL #4224B. (TOP OF THE LINE)

- ✓ Distance between centers – 42 inches
- ✓ Horsepower – 3
- ✓ Number of indexing positions – 98
- ✓ Spindle speed range – 40 – 3500
- ✓ Swing range bed – 24 inches.
- ✓ Swing range (Banjo) – 21 Inches.

And more.

### FEATURES:

- Sliding headstock with electronic variable speed and digital RPM readout.
- Spindle lock and indexing on the headstock for drilling hole patterns, routing flutes, and other equally spaced features.
- Vacuum system.
- 15 amp quad receptacle for easy reach of powered accessories.
- Two 100 watt lamps.
- Set of dead centers which hold a spindle for visual comparison.
- Self-ejecting laser etched quill.
- Magnetic remote on/off switch
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### JET MODEL #JWL – 1840 EVS

- ✓ Distance between centers – 40 inches.
- ✓ Swing over bed – 18-1/2 inches
- ✓ Swing over Banjo – 14-1/4 inches
- ✓ Quill Travel – 4-1/4 inches
- ✓ Spindle Speeds - High 120 – 3200 --- Low 40 – 1200
- ✓ Speed Range - 40 – 3200
- ✓ Number of indexing positions - 36

### FEATURES

- Sliding Headstock with digital speed readout
- Improved tailstock quill locking mechanism incorporates an anti-rotation key.
- Banjo uses non-marring, positive locking wedge system to securely hold tool post.
- Single lock latch frees up both hands.
- Electronic infinitely variable speed from 40 – 3200 RPM
- 36 integrated indexing positions.
- Remote emergency stop button can be situated along the lathe bed.

**NOTE: THE NEW JET IS NOT IN SERVICE, WAITING FOR THE INSTALLATION OF A 230 VOLT SERVICE PANEL.**

### TURNER SUPPLYS HALF PRICE SALE

**Limited quantities still available.**

MYLAND SANDING SEALER – 500 ml

BLOXYGEN

ODIES OIL – 9oz

CORN ON THE COB HOLDERS

SANDING DETAILER – pkg. of 4

15/64" CARBIDE CUTTER

VARIOUS HSS CUTTERS

NOVA SOFT JAWS

MARKING TOOL

Anyone interested in demonstrating a wood turning item or technique contact John Herega at [herega@hughes.net](mailto:herega@hughes.net), leave a message at the front desk or call his cell phone number.

We are looking for members that would like to demonstrate their skills or techniques to the turners group, for the edification of the members. Anyone interested please contact John Herega. We bring in various demonstrators from local clubs and surrounding areas, we are looking for demonstrators that are new to the group, and we would love for our very talented members to share their talents with us. Any suggestions or ideas are welcome

Following the meeting there will be a social period and demonstrator critique. Snacks will be provided, bring your choice of beverage.

### APPARELL

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We recently re-stocked tan smocks; as expected, there is a slight increase in price. Bucket Boss and Duluth aprons are available. The dark grey Arsenal aprons are no longer available.

There is a limited supply of woodshop caps available - both carvers and general membership. See John Herega or front desk personnel.

VWC apparel, shirts and hats are available at Custom Apparel, 3451 Wedgewood Lane, Buffalo Ridge Plaza, rt.466. Aprons, smocks, respirators, dusk masks, safety glasses and side shields are available in the shop. Inquire at the front desk or contact John Herega.

### **SAFETY**

The next Safety Committee meeting will be **TUESDAY October 21, at 9:30am** in the library.

### **IMPORTANT AIMPORTANT IMPORTANT!**

**Do NOT use lacquer of any kind in the finishing room. It is too volatile!**

#### **WOOD DUST TOXICITY**

- ❖ Although wood looks and feels such a beautiful and safe material, it really can put your health at risk, and in extreme situations actually kill you – not because of accidents when felling trees, or unsafe operation of woodworking machinery, but because of the toxic effects of the wood itself.
- ❖ For centuries, it's been fairly common knowledge that some woods could hinder your health. As far back as 60 A.D., the Roman historian and naturalist Pliny the Elder described a case where four soldiers actually died after drinking wine from hip flasks made of yew.
- ❖ Of lesser gravity was the experience of a few German sawyers in the early 1700s. It seems they developed chronic irritation of the nose and eyes, as well as headaches, from sawing bald cypress.
- ❖ Any dust including wood dust, mildly irritates the sensitive mucous membrane of your nose and eyes, making you sneeze and tear. The dust of some woods such as western red cedar and rosewood can be especially bothersome.
- ❖ However, other woods, called irritants, can make you even more uncomfortable, with a rash that classifies as either irritant dermatitis or allergic dermatitis. The rash usually has a uniformly red swollen area that may erupt in blister shows up on the web of skin between your fingers.
- ❖ IRRITANT WOODS INCLUDE:
  - COCOBOLO
  - EBONY OLEANDER
  - BLACK LOCUST
  - SATINWOOD
  - SEQUOIA YEW
- ❖ However, for you to get an allergic-type rash, you must be allergy prone to one or more of the chemicals found in certain woods called sensitizers.

#### **MORE ON SENSITIZERS & WOOD DUST TOXICITY NEXT MONTH**

### **NOTICE**

We are approaching time of the year for the election of VWC officers and 3 Directors.

Any member interested in serving on the nominating committee for the Board of Directors and club officers, **OR WOULD LIKE TO BE A CANDIDATE FOR THE ABOVE OFFICES** contact John Herega.

### **FINISHING:**

One of the most puzzling and frustrating aspects of woodworking appears to be the mysteries of finishing. Most of the information is taken from “UNDERSTANDING WOOD FINISHING” By Bob Flexner.

**FINISHES ARE SCIENCE** – Information about finishing is full of myth, half-truths and hyperbole.

**OLD FINISHES ARE BETTER** – This is a common misconception eighteenth and nineteenth century craftsmen had very limited choice and methods for applying finishes. Linseed oil is a wonderful finish, natural stains are better than aniline dye and synthetic pigments; French polish is more beautiful than our current finishes are nonsense. Suggestions that turpentine is a better solvent than mineral spirits or that beeswax is better, these were our ancestors’ choices don’t take into account either scientific understanding of these materials or historic content.

**SAFETY** – Most of the materials used in finishing are bad for you. Solvents such as mineral spirits, naphtha and lacquer thinner can cause dermatitis, dizziness, headaches and nausea. Chemicals such as lye oxalic acid and chlorine bleach can cause respiratory and skin problems. Even “safe” strippers and water based finishes contain solvents that are bad for you if you breath too much of them. Work in an area with cross ventilation, if you cannot ensure clean air, wear a NIOSH- approved organic is vapor respirator and wear gloves to protect your hands.

Rely on common sense, pay attention to your body if you begin to feel light headed, begin coughing or if your hands become dry and chapped, protect yourself better.

### **WHY DO WE FINISH WOOD?**

There are three reasons for finishing wood: to help keep it clean, to help stabilize it and to decorate it.

Wood is porous; it contains countless holes of various sizes. These holes can accumulate dirt and grime from handling, atmospheric conditions and food. A finish seals the surface, making it less susceptible to soiling and easier to clean.

**STABILIZATION** besides being porous wood absorbs and releases moisture. Moisture in wood is called *moisture content*; moisture in the environment is either liquid water or water vapor (humidity). If you put very dry wood in water or in an area of very high humidity it will absorb water and swell. If you put wood that has a high moisture content in a relatively dry climate, the wood will release moisture and shrink.

**NO AMOUNT OF PAINT OR FINISH TOTALLY STOPS WATER-VAPOR EXCHANGES. FOR EXMPLE, finished or painted wooden windows and doors shrink and let in cold air in winter but swell and tight in the spring and summer. A good finish reduces the extremes of variation, but doesn’t stop these variations.**

These dimensional changes, *called wood movement*, do not occur consistently throughout a piece of wood. The surface responds more readily than the core. Wood swells and shrinks mainly across the grain; that is, the width and thickness of the board, not appreciably in the length. Wood swells and shrinks more around the annular rings than it does perpendicular to the rings. The result is the wood movement generates great stresses in wood and on the joints. The stress causes splitting, checking, warping and weakening of joints. **A FINISH SLOWS MOISTURE EXCHANGE, REDUCING THE STRESS and stabilizing the wood.**

As a general rule the thicker the coating of finish, the better it limits the moisture exchange. This is the reason you should **COAT ALL SIDES OF A PIECE OF FURNATURE – TOP AND BOTTOM, INSIDE AND OUT EQUALLY.** Moisture exchange in wood does not have to be in the form of liquid water. It can be and usually is water vapor. Water vapor exchange causes much damage to otherwise sheltered wood furniture and woodwork. It does it more slowly than in wood subjected to liquid water.

**CONTINUED NEXT MONTH:**



## Carvers

### Pete Bankowski

The carving area has a new sharpening machine for carving knives and gouges. It uses 1 x 42 sharpening belts. To use this sharpener the person is required to take instruction on the use of this machine See Pete Bankowski or Steve Mendelsohn.



## Certification & Monitor Training

### Dick Besler

September we added 39 new members through certification. October we have signed up for certification a total of 40. Hopefully that will stand as they say they want to join and never show up. The 10th of October class has had about 7 cancellations where we have had to call others to fill the gaps.

Remember monitor training is the 16th this month. Get it out of the way so you are good to go and not scrambling at the last minute.

**Again, please remember that on the days of certification, the shop is closed to all members EXCEPT monitors, “students” and instructors!**



## Vice President

### Jim Spallone

Summer has come and gone, but our “Pens for Troops” team kept turning out product. Elliot Schantz and team produced 10 pens at their 9/23/19 gathering and YTD have turned 536 pens bringing our total for this project to 1304.

As the Fall begins we are now focusing on production for Veterans Day. We will begin with our Tues (Oct 22) session from 4pm to 6pm. Anyone interested is welcome to attend the session. Frank Giaccone will be leading

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this session. We will also be gearing up for the Nov push to Veterans Day. Our goal is 75 pens. More information to follow via email.



### Maintenance/Shop Administration

Dave Adamovich

Glen Croteau

While the following was distributed by email to all, it bears repeating.

#### **BRIEF REMINDERS TO VWC MEMBERSHIP**

As you all know, we are working hard to bring in as many members as possible each month. Additionally our seasonal members are slowly drifting back to The Villages for the Winter. As a result, the shop will seem a little more crowded. As always we welcome all members anytime the shop is available. However, it is important each and every one of us be reminded of a couple of issues:

- 1) **CERTIFICATION CLASSES:** Please remember that on days when Certification Classes are in session, the shop is closed to the general membership. Over the past couple of weeks we have had members enter the building from the side doors on these days. All assembly tables, tools, and machinery is available ONLY to the Certification Class Attendees.
- 2) **SAFETY GLASSES & OPEN TOED SHOES:** It is a Safety Requirement that ALL MEMBERS must wear Safety Glasses while in the shop. Additionally, open toed shoes are not permitted. Sandals and Crocks are not permitted.
- 3) **CLEAN UP REQUIREMENTS:** It is your responsibility to clean up your work area when finished. This means cleaning up around the machine when you are finished. It also means cleaning up around any Assembly Room table before you leave.
- 4) **TOOL CLEANING:** The Maintenance Department has had to replace two new sanders this past month. In both cases the dust bags were jammed full of sawdust and dirt. Result was that both were burned out. If you use ANY equipment or tool from the Tool Crib, before you return it, take an Air Gun (there are 20 of them on the walls) and clean your tools before bringing it back. If we discover any tool that has not been cleaned, we can reference the previous user by the Tool Crib Log and if the tool is damaged, you will be required to pay for the replacement.
- 5) **ASK FOR HELP:** If you frequent the shop occasionally and are not familiar with a particular tool or machine, PLEASE ask for assistance. We currently have twenty-two (22) Maintenance Team personnel on board. Each of them are identified by a "BLUE NAME TAG". Usually there are at least one or two on the floor daily. Do not be shy... ask for help or instruction.
- 6) **LOGS & ROUGH LUMBER:** Any and all logs or rough lumber with bark are NOT permitted in the shop. If seen they will be removed to the wood bin outside the Maintenance Room door.
- 7) **WOOD / PROJECT STORAGE:** All wood and project storage must be identified (labels are available near the Tool Crib and in the Assembly Room) and cannot remain in the shop more than thirty (30) days. No exceptions. Please adhere to this ruling. Inventory of stored material and projects is done twice a month by the Maintenance Team. Projects may not remain on an Assembly Table without prior approval.

If you have any questions or suggestions that can be of benefit to the operation of The Villages Woodworkers Club, please feel free to speak to any member of the Board of Directors or Maintenance Team. Additionally, if you have an interest to be part of the Maintenance Team, please let me know. I am usually in the shop two or three days a week, or can be reached at [CAS-LLC@MAIL.COM](mailto:CAS-LLC@MAIL.COM). Thanks in advance to all for your understanding in the above issues. We desire all members to have an enjoyable experience in this exceptional opportunity.



## Woodworking Technology

**Lowell Sundermann**

September training is up and running. Rik Pierce is teaching a basic Windows half day class to screen and refresh member's computer skills before taking either the CNC or the Laser course. This is helping to make the classes more productive. The first completely re-written CNC course E511 has been completed. And the first student of that course has already been certified. That's the way we want it to work!

We have revitalized the Woodworking Technology Department (WTD) user group meetings. We are trying to have topics of interest at each meeting presented by user group members. Tomorrow's topic is manipulating and carving 3D models. Paul Porter will be the presenter. Encourage attendance.

Dave Adamovich and Lowell have day tripped to Winter Haven to attend a demonstration of the CNC we intend to propose for the Brownwood Campus shop - impressive machine. Stay tuned for details once all necessary members are on board.



## Chair, Board of Directors

**Mike Cromwell**

No note for August.



## President

**Mike Borfitz**

Good Fall (as in Autumn) to All!

I truly wish that I had more promising news for you on the second shop. The truth of the matter is that the bids went out and the resulting estimate is so close to \$3 Million that rounding the number will make it so. In the

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current climate of increased amenity fees and increased taxes in Sumter County, high costs are a sensitive issue; thus the project has yet to be presented to the Project Wide Amenities Council (PWAC). There's an outside chance that it may make it on the schedule next week; but, more than likely it will be November. Until we have approval from PWAC we cannot break ground.

In the meantime, the Certification team has been doing a heroic job of getting new people in and certified so that when the doors open on the second shop we will be ready to populate it.

That time of the year has come when we begin to pay dues for the upcoming year. As Anne Bell has reported, the first day for signing up is October 15 and the dues remain the same for 2020. Likely we will see an increase in the out years as expenses continue to rise and we have two sites. In the meantime, we can appreciate the privilege we all have with dues of \$55, or more impressively stated, \$1.06 per week

Additionally, Christmas approaches.....so please mark your calendars for our annual Christmas party on December 14! Also, please help Sandy Fuller and Julie Sullivan decorate the Special Olympics Christmas Tree with contributions from your woodworking skills..... and be on the lookout for Ron Badami who will be requesting items for the Christmas raffle!

Thank you all for the tireless effort you give to this Club.