

# STAUROLITE



NEWSLETTER

May 2019



## BOARD MEMBERS

**President**—Jessica Pearson

**Vice President**—Barbara Woolery

**Treasurer**—Mary Hedden

**Recording Secretary**—Andy Morales, Shelli Smith

**Corresponding Secretary**—Kim Christensen

**Advisors**— Bill Bessette, Tim Summers, Geri Gilham, Tony Gilham, Jim Wolford , Greg Vidler

**Federation Director**—Jessica Pearson

**Shop Committee**—Bill Bessette, Sue Alger, Calvin Shipley, Don Alexander, Greg Vidler

**Fieldtrips**—JJ Day, Cathy Govaller, Don Alexander, Greg Vidler

**Membership**—Mary Hedden

**Facebook** — JJ Day, Tori Agular , Greg Vidler

**Website**—Cindy Ahlgrim

**Meetup**—Andy Petty

## PURPOSE OF OBMS

- To inspire the appreciation of rocks, minerals, and awareness in all earth sciences through educational programs, fieldtrips, and the collecting, cutting, & polishing of gem stones.
- Provide a non-profit environment where members can come together to share their experiences & skills
- OBMS is not organized for the private gain of any person. Its property is irrevocably dedicated to charitable or educational purposes and no part of the income or assets shall ever inure to the benefit of any private person.

## MEMBERSHIP FEES

Everyone's membership is renewed in January except new members who just joined between October and December. It is easier to track that way.

To JOIN: ONE TIME INITIATION FEE \$10 + MEMBERSHIP FEE  
Yearly Fee: Adult \$20, Junior (under 12) \$10,  
Couples \$35, Family—3 or more \$40.  
Send check to OBMS, 205 W. Benedict #8  
San Bernardino, CA 92408

## KEEP YOUR EMAIL UP-TO-DATE

We use your email to send the newsletter & up-to-date information about club events. Kimrocks2@sbcglobal.net

## MONTHLY CLUB MEETING & BBQ SECOND SATURDAY, MAY 11

The club meeting will be around 11:30 a.m. and the BBQ will follow. Please bring a side dish to share.

### Shop Hours

**Tuesday** nights 4—8 p.m.

**Friday** nights 4—8 p.m.

**Saturday** 10 a.m.—3 p.m.

**2nd & 4th Sunday** 10 a.m.—2 p.m.

## CLUB ACTIVITIES

### SUNDAY, MAY 5— 11 A.M. BRACELET CLASS

(DANNY, TONY, GERI)

### SATURDAY, MAY 11— MEETING/BBQ

(ABOUT 11:30 A.M. OR SO)



### FIELDTRIP—SUNDAY, MAY 24 TBD

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### SUNDAY, JUNE 2—11 A.M. BRACELET CLASS

(BARBARA, JESSICA, SHERRI)

### SUNDAY, JUNE 30—11 A.M. BRACELET CLASS

### SUNDAY, JULY 7—11 A.M. BRACELET CLASS





## MESSAGE FROM THE PRESIDENT

- **JESSICA PEARSON**

Hi Rockhounds,

Thanks everyone for helping with the workshop. More people are helping to clean up before we lock the doors. People are remarking how much they enjoy the friendliness and willingness to share information. It is great to see older members stopping to help our new members. It just makes it a great place to be!

I hope everyone has enjoyed the classes that have been offered. We want to thank Brenda and Patsy for teaching a wirewrapping pendant class. We want to thank Mary and Kim for teaching a twisted-wire soldering bracelet class. We want to thank Shelli for teaching the polymer clay pendant class and Bill for fixing equipment! And, of course, we thank all the members who attended these classes. Let's keep supporting and growing our club.

This has been a good season for fieldtrips. We want to thank Greg, Don, and Jim for leading us. We could not do it without them. They have led us to some good travertine sites in particular. Members come back enthused and ready for the next adventure. The open land is so calming.

Helpful hound of the Month goes to Brenda. She jumped right in and cleaned up the soldering workstation. She labeled things...it is great! She taught a wirewrap pendant class. People enjoyed her sharing her knowledge and the end product. Thanks, Brenda!

Let's keep working together.

## OBMS GENERAL/BOARD MEETING

April 13, 2019

From Kim/Robin

**Meeting called to order** by Jessica.

Highlights of the minutes for the previous meeting were published in the OBMS newsletter from the previous month and distributed via email to members.

**Treasurer's Report**—Mary provided the Treasurer's report .

## SHOP REPORT

**Purpose:** OBMS is a non-profit environment meant to educate members and the public about earth sciences and lapidary arts.

**Liability:** The Orange Belt Mineralogical Society, Inc., is not and cannot be held responsible and liable for personal injuries, for damage or loss of property at meetings, workshop, classes, fieldtrips, shows, or any event sponsored or recommended herein.

**Safety:** Be safe. OBMS has no insurance for medical coverage. You use your own insurance. Remember we are all amateurs. You make your own decisions. Use machines wisely and carefully. Ask for help. Wear safety glasses and dust masks.

**Fees:** Everyone must pay shop fees. We need to generate enough income to pay for rent, utilities, repairs, and supplies.

**Pay for Food:** Soda and chips are 50 cents. This helps pay for replenishing and food for the BBQ.

### SHOP REPORT

Bill fixed the toilet. Thanks, Bill! He is working on slab saw. Needs a new bearing.

Overall the equipment is running well. People are being careful.

### Fieldtrips

**Sunday, April 21—Lavic fieldtrip** for good Jasper and agate. We will leave the workshop by 7 a.m. Be at the workshop by 6:45 a.m.

### Future Fieldtrip Planning

**Kokoweef** is being considered.. Don came back with some great cave onyx rocks. It is past Baker and costs \$20 per bucket. Please let Don, Greg, or Kim know if you are interested in going.

Planning a **desert trip for May**. Then have trips to the **coast in the summer**.

### GREG ROCK DONATION

Greg cut agate slabs as a donation. They are available after the meeting to help raise funds. Thanks, Greg.

### FUNDRAISING IDEAS

Tabled until next meeting.

### THANK YOU

Greg is running the Facebook page. OBMSrocks. Kim is producing the newsletter with lots of pictures. Facebook, our website, and Meetups are bringing in new members.

Mary has been working hard in the background as Treasurer with CFMS, our insurance, and the IRS. She helped set up for our meeting and our rock fundraising. Thanks, Mary!

Bill B. is working hard at keeping the workshop running. Thanks, Bill!!

**WELCOME, BARBARA! BILL S. GOT MARRIED!**

### CLASS—SILVER BRACELET

A soldered tri-banded silver bracelet class is planned for May 5, June 2, and possibly June 31. Mary, Ollie, and Kim have supported the effort. The cost is about \$40 in silver, \$10 lesson, and \$5 shop fee.

### CLASS—ANY SHAPE STONE WIREWRAP

A wirewrap class is set for Tuesday, April 16 after 5 p.m. Brenda and Patsy will share how to beautifully wirewrap a stone. The cost is \$10, plus the cost of supplies.

### CLASS—POLYMER CLAY PENDANT

A clay pendant class is set for Sunday, April 28 at 10 a.m. Shelli and Jessica will share how to set a cab in polymer clay. The cost is \$10, plus the cost of supplies. Sign up at the workshop.

### NO OBSERVING CLASSES

Members pay to take the class and make the item.. Observers are distracting and undercut the spirit of the class..

### MEETING ADJOURNED-BBQ FOLLOWED.



**If you want to teach a class, please let Jessica or Kim know. The more people sharing their knowledge the better.**

### CLUB SLAB SAW FOR SALE

An 18" slab saw is for sale. \$400 for a member or \$500 to a non-member.

## SHOP NEWS

**COMMITTEE: BILL BESSETTE, SUE ALGER, CALVIN SHIPLEY, DON ALEXANDER, GREG VIDLER**

Opening: Jim and Mary are opening on Saturdays. Andy is opening on Friday nights. Sue and Bill S. are opening on Tuesday nights. Greg is opening on the 2nd and 4th Sundays. Jessica is opening as needed.

## WORKSHOP HOURS:

Tuesday & Friday 4—8 p.m.  
Saturday 10 a.m.—3 p.m.  
2nd & 4th Sunday 10 a.m.—2 p.m.

## THANK YOU CLEAN UP & REPAIRS

Thank you to Don, Larry, Joe, and Danny for volunteering to help with the workshop. Thank you to Bill for fixing the equipment.

## COUNTERTOPS

Clean off the countertops at the end of the day. Take your stuff home or put it in a locker. We have a lot of members who all need workspace. OBMS is not responsible for loss items.

## SLAB SAWS SHARE EQUIPMENT

If slab saws are in high demand, please share. Just cut one slab and let another person work too. The club is here to support socializing and education about lapidary.

## GRINDING MACHINES

Use enough water on the grinding belts, but not so much it sprays all over. Do not press too hard. It can knock off the diamond quicker. Let the belt do the grinding..

## TRIM SAWS

Used for trimming slabs that are about 1/4 inch to shape them for cabochon making. Do not press hard. It can knock off the diamond from the blade. If the motor stalls or slows, you are pressing too hard.

## EVERYONE CAN HELP

Everyone can help keep the workshop clean. Put things back. Refill supplies. Clean off counters. Empty the trash. Mop, sweep. Ask to help.

**WORK TOGETHER TO KEEP IT A FUN PLACE TO BE! WE ARE SO LUCKY TO HAVE A WORKSHOP.**

## “HELPFUL HOUND” AWARD

This award recognizes extra work around the workshop. People who give their time to clean up, fix items, and share their knowledge to help the club. We want to thank everyone who helps keep the club and workshop going.

Jan-Barbara	Feb— Andrew
Mar—Don	April-Brenda
May-Bill B.	June-Bill B.
July-Arvid	Aug-George & Pam
Sep-Ollie	Oct-Mary
Nov-Nelma & Larry	Dec—Duane



**Kim – Newsletter:** Keep your e-mail address up-to-date at [kimrocks2@sbcglobal.net](mailto:kimrocks2@sbcglobal.net)

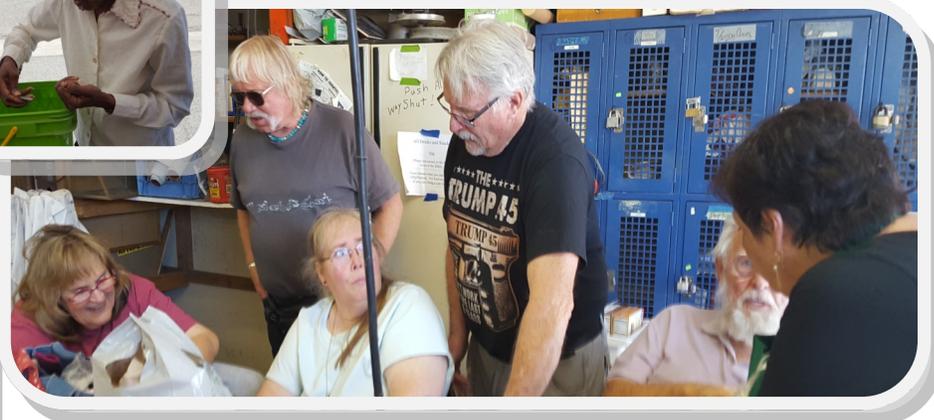
**Mary—Membership Database—**Keep your contact information up-to-date at the workshop.

**Greg & JJ– Facebook:** Orange Belt Mineralogical Society page and check it out.

**Cindy —OBMS Website—**Check out <http://obmsrocks.yolasite.com>

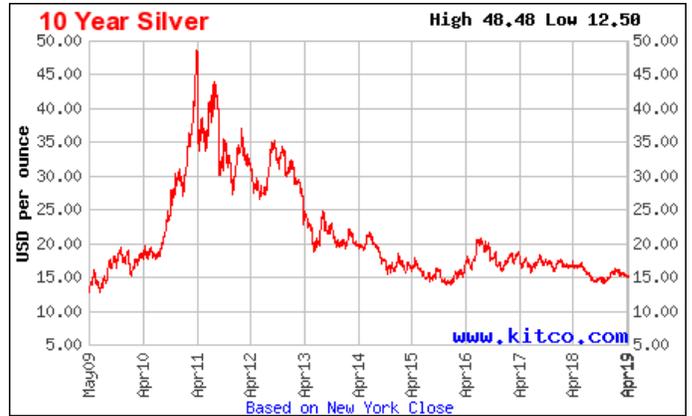
**Andy—Meetup.com—**OBMS Rockhound Group.

**APRIL 2019- ROCKS, HOBBY, FRIENDS**





## SILVER—UNDER \$15



### GETTING STARTED SILVERSMITHING —WHAT TO BUY TO MAKE PENDANTS

The item numbers are from **Riogrande.com**, but there are other places you can buy silver. The prices below are an estimate at silver being about **\$16/oz.**

Metal thickness is measured by gauge. The smaller the number, the thicker the metal. This means a 24 ga sheet is thicker than a 26 ga. sheet.

**Backplate**—buy 24 ga. or thicker

100124 Sterling Silver Sheet

6" x 1.5", 24 ga \$21.33

- Can make 4 of the 30x22 mm cabs.

**Bezel**—buy either plain or gallery wire.

Sterling Silver is less prone to melting than fine silver, but fine silver will bend easier.

103269—Gallery Wire SS Style B \$7.87

1 foot

104030—Fine Silver Bezel \$4.41

1 foot, 26 ga, 3/16"

100290—Sterling Silver Strip \$3.38

1 foot, 28 ga., 3/16"

**Decoration/bail/open back**

100320 Square Wire SS \$2.32

2 feet, 20 ga.

(open back, twist for bail)

100316 Round Wire SS \$6.13

2 feet, 16 ga.

(open back, bail,

twist for decoration, 2.6 mm high)

**Solder**

101100 Silver Wire Solder, Easy \$1.08

101703 Silver Wire Solder, Med \$1.15 x2

101704 Silver Wire Solder, Hard \$1.15

**Flux**

504086 Handy Flux Paste \$10.75



## LEARNING NEW SKILLS

Periodically classes are available in different techniques. A sign up sheet is available at the workshop when classes are scheduled.

### IN GENERAL, MEMBERS HELP MEMBERS LEARN NEW TECHNIQUES.

**Cabbing**—Almost anyone at the shop can help you with cabbing. You often see Jim, Andy, Alex, Bill,, and Mary making cabs. Tony can help too.

**Slab Cutting**—Almost anyone at the shop can help you slab rocks. You often see Jim, Tien, Don., Greg, Penny, and Bill B. cutting rock.

**Wirewrapping**— Shelli, Jessica, Pam, and Mary are ready to help you learn to wirewrap.

**Wire Weaving**—Shelli and Joey can help you learn.

**Beading** - Jessica and Sherry can help with beading.

**Silversmithing**—Kim, Andy, Mary, Sherri, Tony, and Gia are people who can help.

**Carving**—Tony and Penny are a good sources to help you learn to carve.

**Sphere Making**—Bill B., Tony, and Penny can teach sphere making.

**Chain Maille**—Sherry can help you with chain maille projects.

**Faceting**—Kim can help you learn to facet.

**Lost Wax Casting**—Kim will help. Looking for others to help.

**Tumbling**—Andy and Greg can help you learn to tumble.

**Identifying Rocks**—Tien, Jim, Tony, Bill can help you identify rocks.

If you need help with using equipment, cabbing a stone, or making jewelry, ask around at the workshop. The club is there to support and encourage each other. Remember: be careful and safe. If equipment needs service, leave a note or talk to Bill B.

If you want to be added to this list to help others, let Kim know — at [kimrocks2@sbcglobal.net](mailto:kimrocks2@sbcglobal.net).

## TIEN NEEDS ROCKS FOR ANOTHER BOOK

Tien needs members to let him use pictures of their rocks in another book. He wants to write a geology story about member's rocks. Please talk with him about the rocks you can let him photograph for his next book.

You can look at his just published book *Wandering in Rock Country* by Tien Lee at the workshop or buy it on Amazon.

**PLEASE HELP TIEN  
LET HIM PHOTOGRAPH  
YOUR ROCKS!**



## SOME UPCOMING ROCK SHOWS

The <http://www.cfmsinc.org/> site has rock show listings.

You can find show listings for all over the USA and Canada at <http://The-Vug.com> , the <http://www.rockngem.com> site and the magazine too.

### May 3—5 Yucaipa, CA

Yucaipa Gem & Mineral Society  
Yucaipa Music & Arts Festival  
Yucaipa Blvd & Adam St  
Fri 6—10, Sat. 12—10, Sun 12—6  
Admission Free

### May 4 –5 Anaheim, CA

Searchers Gem & Mineral Society  
Brookhurst Community Center  
2271 W. Crescent Ave  
Sat 10—5; Sun 10—4:30. Admission Free

### June 7-9 La Habra

### June 8-9 Glendora

### June 29-30 Culver City

### June 29 –30 Escondido

**MINERAL STREAK TEST**

Trying to identify a mineral by looking at its color may be misleading. Some minerals come in many colors. For example, pure quartz is actually colorless. It is impurities that make the different colors in quartz: purple, pink, green, red, yellow, or black. But, if you do a streak test using any one of these versions of quartz, it gives the same streak—white. A mineral's streak is the color it creates when ground to a powder.

The streak test helps eliminate minerals under consideration. The majority of minerals leave a white streak. You need use a porcelain tile with a white, unglazed back. Always do the streak test using a surface of the specimen that has not been weathered. Many times stones have an environmentally created chemical surface that is not from the mineral itself. You rub the specimen against the unglazed back "plate" a number of times, look at the powder left behind and identify the color of the powder streak. Be careful though: Minerals with a Mohs Hardness greater than the streak plate will scratch the surface of the plate leaving a powder too. When you wipe the powder away, you see a scratch in the tile's surface. The powder was from the plate, not the mineral. If the mineral is too hard to make a streak, crush a small amount with a hammer. The color of the powder turns out to be the same as the mineral's streak.

Most streak plates are white, but a black plate is useful too. Gold, platinum, and copper's streak is best seen on the black plate. Visually galena may look like hematite in color, but their streaks are different in color. Galena has a gray streak and hematite has a red-brown streak. You can tell hematite from magnetite with a magnet, but another way is by their streaks. Magnetite leaves a black streak.

**SOME MINERAL STREAK COLORS**

- Beryl—colorless
- Quartz—white
  
- Jadeteite—colorless
- Nepherite—colorless
- Serpentine—white
  
- Azurite—pale blue
- Chrysocolla—white
- Malachite—green
- Sodalite –white or light blue
- Turquoise—white, greenish, bluish
  
- Hematite—dark red streak
- Magnetite—black
- Pyrite—greenish black to brownish black
  
- Rhodochrosite—white
- Rhodonite -white



APRIL 2019 – ROCKS, FRIENDS, AND HOBBY



## ROCKHOUND WEBSITES

(Use these sites at your own risk.)

### [//OBMSROCKS.YOLASITE.COM](http://OBMSROCKS.YOLASITE.COM)

Our club website.

### [//WWW.FACEBOOK.COM/](http://WWW.FACEBOOK.COM/)

Our group is “Orange Belt Mineralogical Society” OBMSrocks will get you there.

### [//GROUPS.YAHOO.COM/GROUP/LA-ROCKS/](http://GROUPS.YAHOO.COM/GROUP/LA-ROCKS/)

Full of rock enthusiasts and postings of rock hunting events.

### [//WWW.CFMSINC.ORG](http://WWW.CFMSINC.ORG)

Our club is a member of CFMS. There are lots of rock hunts scheduled.

### [//WWW.EBAY.COM](http://WWW.EBAY.COM)

Search rough rocks or rock slabs

### [//WWW.HIGHDESERTLAPIDARY.COM](http://WWW.HIGHDESERTLAPIDARY.COM)

Wide variety of slabs with good pictures. (Almost like being at Quartzsite.)

Good for learning the names of the rocks

### [//WWW.FACEBOOK.COM/](http://WWW.FACEBOOK.COM/)

“Lapidary swap shop” is a group for posting items to trade equipment, tools, rocks with other enthusiasts.

### [//WWW.SCHOOLGEMOLOGY.COM/](http://WWW.SCHOOLGEMOLOGY.COM/)

### [ISGTURQUOISEBUYERSGUIDE/INDEX.HTML](http://ISGTURQUOISEBUYERSGUIDE/INDEX.HTML)

Bob suggested this site. It discusses buying the real from the fake turquoise.

Jewelry Making Supplies:

### [//WWW.RIOGRANDE.COM](http://WWW.RIOGRANDE.COM)

Albuquerque, NM -A huge jewelry supply store. Shows the silver spot market price on its front page. Free online-videos—click on Learn with Rio. (800) 545-6566

### [//WWW.THUNDERBIRDSUPPLY.COM](http://WWW.THUNDERBIRDSUPPLY.COM)

Established in 1971. Indian jewelry supplies. Prices were good on metal. Show the silver spot market price. (800) 545-7968

## NATIONAL GEOGRAPHICS TOPOGRAPHICAL MAPS

National Geographics launched a website for printing topographical maps for free.—Thanks, Calvin.

<https://www.natgeomaps.com/trail-maps/pdf-quads/>

### [//OTTOFREI.COM](http://OTTOFREI.COM)

Oakland, CA—A complete jewelry supply store. Often 5% coupon in Art Jewelry and Lapidary Journal magazine. (800) 772-3456

## LAPIDARY EQUIPMENT & SUPPLIES:

### [//COVINGTON-ENGINEERING.COM](http://COVINGTON-ENGINEERING.COM)

☺ ☺ LOCAL ☺ ☺

### 715 WEST COLTON AVE

Redlands, CA—Manufacturer of lapidary equipment and some supplies/books. (877) 793-6636

### [//WWW.DIAMONDPACIFIC.COM/](http://WWW.DIAMONDPACIFIC.COM/)

2620 W. Main Str.

Barstow, CA—Manufacturer of lapidary equipment and some supplies/books. (800)253-2954

### [//WWW.JBFC.COM/](http://WWW.JBFC.COM/) JOHNSON BROTHERS

1452 N. Batavia St. **New Location**

Orange, CA—A variety of lapidary and some jewelry making tools.

(714) 771-7007

### [//KINGSLEYNORTH.COM](http://KINGSLEYNORTH.COM)

Norway, MI –A variety of lapidary equipment, tools, supplies, books (800) 338-9280

## MAGAZINES:

### [//WWW.JEWELRYMAKINGDAILY.COM](http://WWW.JEWELRYMAKINGDAILY.COM)

(LAPIDARY JOURNAL/JEWELRY ARTIST)

Login for free to get access to online videos and projects.

### [//WWW.ROCKNGEM.COM](http://WWW.ROCKNGEM.COM)

Show date listings.

## ROCK SUPPLIES:

### [NEWERAGEMS.COM](http://NEWERAGEMS.COM)

Grass Valley, CA—Recommended in faceting booklet. Has capping and faceting rough. (800) 752-2057

### [GEMS A PLENTY](http://GEMSAPLENTY.COM)

575 N Central Ave  
Upland, CA  
(909) 985-1999

### EARTH'S TREASURES

582 Alder Rd  
Crestline, CA 92407  
(909) 338-2010

## SHOP USE AND MAINTENANCE

**Proper use of equipment:** Help reduce the number of repairs by using the equipment carefully.

### Trim Saws

- Trim saws are used for preforming or trimming cabs from slabs. There are three trim saws: blue, red, and Rock Rascal.
- The blue trim saw has the thickest blade. This saw is the saw that should be used most of the time. Use this saw if you are trimming obsidian, agate, or harder material.
- The red saw is a lighter duty saw. It is used for cutting smaller pieces and trimming corners. It can be used to trim lighter material like howlite.
- The Rock Rascal is for specialty cutting only. It has a delicate, expensive thin blade used to trim more expensive, soft stones like turquoise and opal.

### Trim Saw Usage

- **Make sure there is water in the saw basin.**

Turn the blade on to see water drips off the blade in a light stream before cutting on a rock. This keeps the rock cool and cleans the rock bits off the blade.
- **Push lightly.**

Do not push hard against the blade. If the blade slows down or stops, you are pushing too hard. You can also listen to the cut. It should be a light sound.

Let the blade cut the rock slowly, so the diamond bits do not chipped off the blade. This helps make the blade last longer.
- **When done:**

Throw the larger bits away in a scrap bucket or trash. Rinse the tray top with water and dry it clean. Replace the water if the water is cloudy.
- **Closing at the End of the Shop Day**

At the end of the day, drain the saw basin and dry the saw top. This is so the blades do not rust and last longer.

### Large Slab Saws

- The large slab saws are used for cutting rock slabs from boulders less than 2/3 the blade height.
- **Use scraps of wood wedges to make good contact.**

Carefully place shims around the rock so the vise – shims are touching many areas of the rock. Rocks need at least three good contact points.
- **Tighten the vise. Then, pull on the rock vigorously.**

Make sure the vise is tight and the rock can not move. When a rock slips, it can destroy—bend — a blade. Large saw blades are very expensive to replace. To be safe, **tighten the vise again by hand.**
- **Check the blade will not saw into the vise.**

Place the rock so the rock sticks out from the vise. Four turns of the vise knob is about ¼ inch. Make sure the rock sticks out from the end of the vise for the number of slabs you want to cut. **Recheck this every time you start a new cut.**
- **Pull the rock back away from the blade.**

Do not start the blade on the rock; pull the vise carriage back so the rock is away from the blade before starting the blade.
- **Turn the blade by hand before starting. Tighten the carriage set screws.**

Make sure the blade has no contact with the rock before starting.
- **Check there is enough oil.**

Oil should be dripping off the blade when you turn it. Otherwise, you need to add oil or unplug the tubing.
- **Stay with the saw while it is cutting.**

The blade and vise can be damaged if the saw jams after the slab has fallen.
- **When done, throw away the rock bits and wipe off the trays. Close the lid.**
- **Please do not change the belt speed.**

Leave the belts where they are set. Let the blade do the cutting slowly so the diamond stays on the blade longer.
- **Please do not change the vise stops.**

They protect the machine.

### ROCK CLEAN UP PROCESS

1. **Use the kitty litter box.** There is a box with kitty litter. Put the rock in the box and pour kitty litter over the rock to absorb the oil. Brush the kitty litter off the rock.
2. **Use the Simple Green bucket.** There is a bucket with Simple Green to help remove the oil. Dunk the rock in the bucket and use a brush to help remove the oil in crevices.
3. **Use the rinse bucket.** There is a water bucket with water in it. After steps 1 & 2, dunk the rock in the water bucket for final cleaning.

**Do not put a rock in the sink to clean it.** The sink drain was damaged—torn—by rocks sliding against it.

### GRINDERS

- **Turn main water valves on/off.**
  - There is a main water valve near the first grinder by the sink. There is another valve about every two grinders. These valves gets turned on/off depending on which set of grinders are in use to save water.
  - Each grinder has its own water valve on top of the grinder which controls the water flow to the grinder's belt.
- **Keep a light stream of water on the belt.**
  - Turn water on so there is a light stream of water on the belt before grinding a rock. - The belt should look wet as you grind.
  - This keeps the rock cool and cleans the rock bits off the belt.
- **Push lightly.**
  - Do not push hard against the belt. Harder material like agate grinds slower than soft material like turquoise.
  - Use the entire width of the belt so the belt wears evenly. If you only work in the center, a groove can form.
  - Let the belt cut the rock slowly so the dia-

### FLAT LAPS

- There are two large flat laps and two changeable top laps.
- One large wheel is for coarse 40-80 grit only. Its base is heavy duty steel and the grit does not scratch the base. There is no grit sign on this wheel.
- The other large wheel is for finer grit of 220 or more. The wheel can be scratched by the coarser grit. Only use fine grit on this wheel. It has a 220 sign on the outside of the box.
- Finer polishing of slab/geode material should be done on one of the other two laps with changeable tops.
- **When done,** wash off the grit and dry the wheel.

### POLISHING WHEEL

- **Keep spraying water on the cerium-oxide polishing wheels** while you work. It should be a fine slush, paste to polish properly. Keeping the wheel wet keeps the rock cool and lets the polish flow over the rock.
- Note: Dry polishing is bad on the lungs. Wear a mask if you decide to do that..

### CLOSING

- **Grinders:** Make sure all the water valves are closed. Mop in front of the grinders.
- **Water Trim Saws:** Trim saws should be **drained before closing and the trays rinsed off.** The waste water should be poured out in the parking lot trough and the sediment dumped into the dumpster.
- **Tripoli/Rouge Polishing Station:** Wipe the tray out and throw the loose fibers away.
- **Wax pot:** Unplug the wax pots and iron.
- **Soldering Station:** Check the torch is turned off and check the pickle pot is unplugged.
- **Empty the trash**
  - Look around and tidy up.
- **Turn the Main Breakers Switch Off**

**OBMS Workshop**

205 West Benedict #8  
San Bernardino, CA 92408  
PH (909) 381-0089

**Workshop Hours**

**Tuesday**

4 p.m.— 8 p.m.

**Friday**

4 p.m.— 8 p.m.

**Saturday**

10:00 a.m. – 3:00 p.m.

**2nd & 4th Sunday**

10 a.m.— 2:00 p.m.

**Monthly Club Meeting**

The SECOND Saturday of the month at the workshop most of the time.

**Monthly BBQ or Picnic**

The SECOND Saturday of the month right after the club meeting. Bring your favorite dish to share and a projects to show.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>May 2019</b>		<b>Shop 4-8 Closed</b>	1	2	3 <b>Shop 4-8</b>	4 <b>Shop 10—3</b>
5 Bracelet Class <b>11 a.m.</b>	6	7 <b>Shop 4-8</b>	8	9	10 <b>Shop 4-8</b> ☞	11 <b>Shop 10—3</b> <b>Mtg/BBQ 11:30 a.m.</b>
12 M-Day <b>Shop 10—2</b>	13	14 <b>Shop 4-8</b>	15	16	17 <b>Shop 4-8</b>	18 <b>Shop 10-3</b>
19	20	21 <b>Shop 4-8</b>	22	23	24 <b>Shop 4-8</b>	25 <b>Shop 10-3</b>
26 <b>Shop 10—2</b>	27	28 <b>Shop 4-8</b>	29	30	31 <b>Shop 4-8</b>	<b>Shop 10-3</b>

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Newsletter articles and advertisement are due by the 20<sup>th</sup> of the month.

Send information for the newsletter to Kim at [kimrocks2@sbcglobal.net](mailto:kimrocks2@sbcglobal.net)