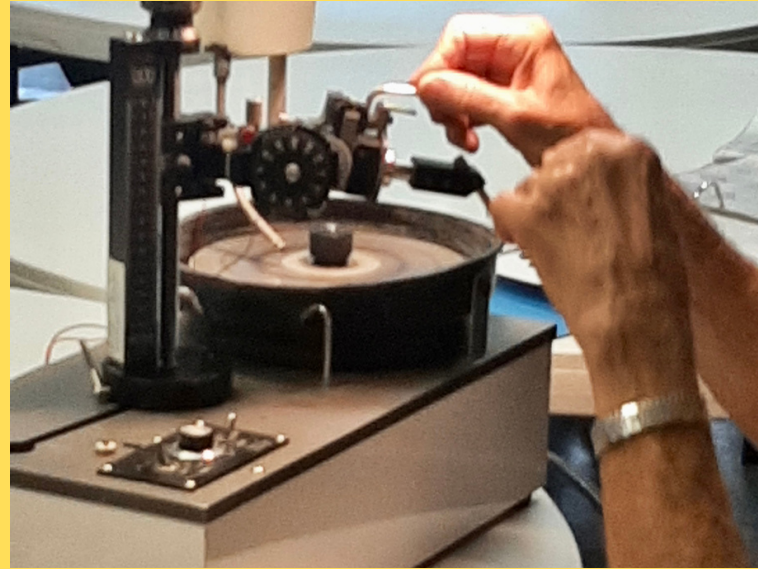


THE STONE TABLET

Miami Co Gem & Mineral Club Newsletter



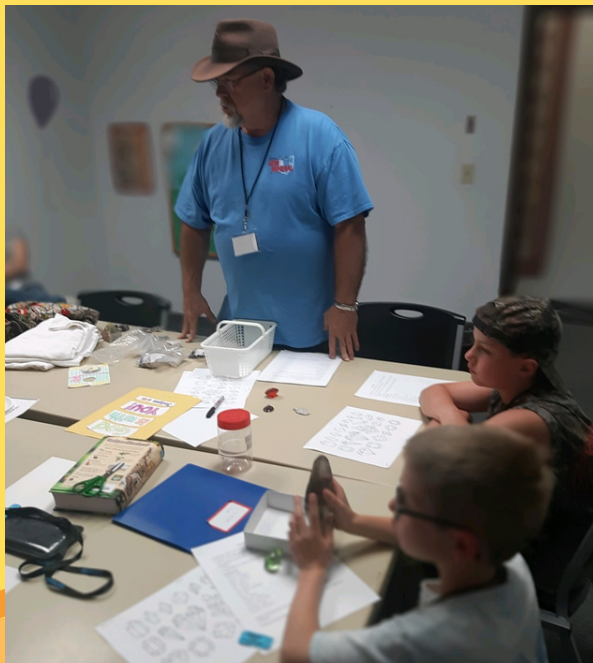
Lapidary Fundamentals: Gemstone Faceting

By: Frank Brower

Gemstone faceting is a marvelous mixture of engineering and art. Through a mechanical process of cutting, grinding and polishing surfaces on a piece of crystal, beautiful gems are created!

Faceting continued....

Frank Brower presented a fascinating program on faceting. It is the process of grinding & polishing that creates a beautiful finished stone that is suitable for jewelry. This process is performed on a faceting machine. Frank also uses a binocular magnifier so he can better see the cuts on the stone as he is making them. Each member was given a copy of a Chrysanthemum Cut. This is the cut he uses when faceting marbles. Frank can facet a marble in 2 hours. When faceting a stone, one must follow the indexes as listed in the instructions exactly for a cut. This process is very tedious & requires much patience. Your faceting machine must also be set up accurately to achieve the cut you desire. Once the bottom of the stone is cut, it is moved to a transfer block in order to facet the top part of the stone. Other important materials used to secure the stone during the faceting process include: Super Glue, epoxy, or dop wax and a dop stick. Frank also showed examples of various materials such as rough stone, glass, & marbles that can be used during the faceting process.

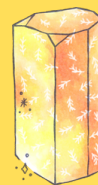


JR. ROCK HOUNDS

Mike Manning



Our younger rock hound club members were treated to a presentation about faceting & birthstones geared just for them by our own Mike Manning! Thanks Mike! We are excited to see so many young people join our ranks this year! We hope to continue to provide activities and programs for all of our club members, no matter what their ages!



Upcoming Events:

- *June 24–26: Gem, Mineral & Fossil Show
Lawrence Co Fairgrounds, Bedford, IN.
- *July 13: Picnic @ the Manning's Home –
3615 East St Rt 55, Troy, OH @ 6:30 p.m.
- *August 10: Ice Cream Social & Ugly Rock
Contest @ 7:00 pm – Troy View Church of God



June Meeting Notes:

- *Meeting was opened with pledge & prayer by President, Mary Manning.
- *Thank-you Frank & Mike for your presentations this evening!
- *Members - please continue to bring your treasurers each month to share!
- *Members present this evening enjoyed the refreshments provided by Alyson Mertz & family. Special Happy Birthday wishes go out to Alyson as she celebrates her 11th trip around the sun!
- *Treasurer's report given by Terry Lukac.
- *Field trips: June 11 Field trip cancelled. Ron Ditmer is working on field trips to Sidney - Western Cut & to a quarry near Bradford OH. In addition, a field trip is being planned for October to collect flint.

New Business:

*2023 Rock Show:

Much discussion held about having the show open on Friday as well. No action taken, Dewey is checking on some particulars concerning this matter. Possible theme for show: Ohio flint. Any suggestions needed by picnic. Only service animals will be allowed to enter the building during the show. Handicapped parking will be available. Admission fees: Anita Lukac made the motion to increase the fee to \$3.00 for adults & kids remain free. Mary Manning 2nd the motion. Discussion held. Motion passed.

*July mtg - Wednesday July 13 at Mike & Mary Manning's. Address: 3615 East St Rt 55, Troy, OH 45373. We will be eating at 6:30 pm. Club will furnish meat, bread, & condiments. Each family should bring a hot & a cold dish with serving utensils, their own table service, drinks, bug spray, & lawn chairs. Activity TBD. Mike will also have his rock shop open that night.

Please RSVP by July 11 by email or phone (937-552-4705) to Mary Manning.

*August mtg - Wednesday Aug 10 at 7:00 pm at the church. Ice cream social - club will provide the ice cream & club members will provide the toppings.

An Ugly Rock Contest will be held. No painting or changes can be made to the rock, but you can name it!

*Lab report by Dewey - They are trying to figure out why a saw is not working. Frank will be showing how to do maintenance on a Genie machine on Tuesday June 14 at 2 pm at his home.

*Door prizes: Faceted & set stones from Louise Brower and a slab from Duane Gray.

*Welcome to our new members: Deborah Adkins & Dale Collins!

