



# THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

www.lakesidegemandmineralclub.com E-mail: lakesidegemandmineralclub@yahoo.com

Volume 120 Issue 09

September 2018

**Club purpose:** Promote activities of mutual interest for collecting and displaying of gems and minerals.

**Address:** Lakeside Gem & Mineral Club, Inc., PO Box 6652, Kennewick, WA 99336-0603

## September Meetings

**Club: Wed. 5th**– Social 6:30 p.m. Meeting 7:00 / **Board Meeting 17th 6:30** Seventh Day Adventist Church, 7105 W 10<sup>th</sup> Ave, Kennewick

**Junior Club meets 11th** 6:30 pm; Banner Bank, 203 W 1st Ave., Kennewick  
JR Club Leader Thora Trumbo (509) 582-4297

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- 14) Club Ballot

### GEODE Reprint Permission:

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Member contact information updates:

Please notify Mark Kidder at

[markkidder@msn.com](mailto:markkidder@msn.com)

### GEODE Submission Deadlines:

- 19<sup>th</sup> – member articles & photos
- Day after Board mtg. - officer & committee contributions

**E-mail them to**

**[mickeemadden@charter.net](mailto:mickeemadden@charter.net)**

- **Please contact Mark Kidder with any changes to your street or email address for our membership list.**

### Milk Crates

We need some sturdy milk crates for our rocks in storage. We should replace the paper boxes used to transport rocks.

Are you going to garage sales or have some of the sturdy milk crates you can give the club? Could you buy them for the club?

Thank you,  
Concerned about your feet at the rock show

## *Minutes – Club Meeting – August 1, 2018*

Chris Sorensen called the meeting to order at 7:00 p.m.

### **General Business**

- **Welcome Guests:** Payton and George Weeks were welcomed as a visitors.
- **Refreshments:** Rhea needs volunteers to bring refreshments for the October, and November Club meetings.
- **Nominating Committee:** Jane Moore, Kathy Larson and Judy Allison have completed the candidate roster for open positions within the Club as follows: President, Bill Hamel, Vice President, Wayne Larson, and Director, Ron Northey. Elections will be held during the October Club meeting.
- **Membership Chair:** Chris asked for a volunteer to begin training with Mark Kidder to take over as Membership Chair. The Membership Chair collects dues and maintains the roster of active Club members.
- **Historian:** The Club also needs a volunteer to take over as Historian. This position involves maintaining the historical records for the Club.
- **Wire Wrapping Class:** Kathy Larson reported that Kit Kat Wire Wrap is offering classes on September 21, 22 and 23 for 2 styles of wire wrapped pendants and a chased bracelet design. The class will be held at the Banner Bank in Kennewick, and is \$35 for pendants and \$40 for the bracelet. The cost covers supplies, and all projects will be in silver. A list of tools needed will be published in the Geode.
- **September Club Picnic and Auction:** Kathy Larson has reserved the gazebo at the Union Street Library for Sunday, September 16 from noon to 4:00 p.m. for the potluck picnic and auction.
- **Lifetime Membership:** The Club proudly presented Lifetime Membership status to the following members: Marvin Barger, Dom and Evelyn Cataldo, Ralph Eichner, Mary Goodnight, Pat Harmon, Jerry Johnson, Frank and Mary Lou Omstead, Elmer Ringering, Duane Schock, and Don and Pat Snyder. Many thanks to our lifetime members for their contribution to Lakeside Gem and Mineral Club through the years.
- **Junior Meeting Speaker:** Thora Trumbo is looking for a volunteer to speak during the September 2 Junior Club meeting. Please contact Thora if you can help out.
- **Club Meeting Silent Auction:** Marty Casto is asking for donations of material to be used for our regular silent auction. Proceeds from the auctions go toward rental of the church for meetings.
- **Door Prizes:** Congratulations to Ray Gifford, Kim Kinder, Jane Moore, Wayne Larson, Bonnie Tobin, Pat Rohlfing, and Robert Guel on their door prize wins.

**Program – Contour Polishing by Jerry Sorensen:** Thanks Jerry for explaining the equipment and methods necessary to successfully contour polish material. Really good information.

**Next Meeting:** Club Meeting – September 5, 2018, 7:00 p.m. (social at 6:30). Board Meeting – September 17, 2018, 6:30 p.m.

Respectfully Submitted, Sally Lyon, Secretary

## Minutes – Board Meeting – August 20, 2018

Present: (Board Members) Chris Sorensen, Bill Hamel, Larry Hulstrom, Mickee Madden, Duane Schock, Wayne Larson, Rick Tobin, Marty Casto, Sally Lyon. (Members) Jerry Sorensen, Kathy Larson, Andy Johnson.

Bill Hamel called the meeting to order at 6:30 p.m.

### Old Business

- Wire Wrap Class: Kathy Larson has enough people signed up for the wire wrap class to move forward. The Club has 4 sets of pliers available which can be used for the classes however, there are some specific tools which participants will need to bring. Further details at the September Club meeting.
- Programs:     September – *Being finalized by Jane Moore*  
                  October – Wilderness Safety and Survival  
                  November – Club Contest Night  
                  December – Christmas Party
- Non-Profit Registration: Chris Sorensen reported that the registration process has been completed and corresponding paperwork has been received.
- Lifetime Membership: Further discussion on lifetime membership guidelines and eligible Club members. The motion was made and passed to give lifetime membership to Marvin Barger for his many years of invaluable service to the Club.
- Show Venue: Larry Hulstrom has been in contact with Diane Brown, Sales Manager at The TRAC in Pasco. He will arrange for an on-site meeting with Ms. Brown, himself, Chris, Marty, Mickee and Steve Madden to discuss our specific show requirements and tour the facility on August 27.
- Website: Jerry Sorensen has our website updated and running, with some picture links needing to be revised. Corrections on our Webmaster infor will be provided in the Geode.
- Membership Chair: The Board is asking for a volunteer to take over for Mark Kidder as Membership Chair. Further details will be discussed at the September meeting.

### New Business

- Mickee now has grit in stock, including polish. See the Geode for pricing details.
- The motion was made and passed to name Mickee Madden as Club Historian. Thank you Mickee for your hard work as Geode Editor and now Club Historian.
- Marty brought a sample of Stiller Lubricants saw oil (it's a light oil with a pleasant fragrance that cuts well). It was reported that Rick Tobin will need to order oil soon, but he still has a supply of the \$17.00 per gallon in stock. If you are planning on replacing your oil, please contact Rick to arrange a date and time for pickup.
- The Board gave authorization to Don Snyder to purchase coconut geodes for the April show. Marty has cut our remaining stock of solid geodes to be sold during the 2019 show.
- The Club has been contacted by the Boy and Girl Scouts to provide a program in September. Marty Casto has volunteered to coordinate the program, but will need another member to help out with the presentation. More details during the September meeting.
- Discussion on our Club Contest Night categories. Further details at the September meeting, and in the Geode.

The meeting adjourned at 7:50 p.m.

Respectfully Submitted  
Sally Lyon, Secretary

## August Junior Rock Club Minutes by Secretary Andrew

- Following flag salute and welcoming 3 guests, we thanked those wearing club hats, shirts and badge sashes. Announcements included the Sept 16th picnic at the Union Street Library park and an invitation to assist Mrs. Trumbo at the Fair on Wed afternoon-evening Aug 22 representing the Jr. Club.
- Kevin volunteered to fill a display case at the fair.
- Thank you cards were signed by students addressed to Steve Shoemaker and Mickee Madden for recent donations.
- 4 or 5 door prizes were given followed by Show-N-Tell by Ezra Joy, Sawyer and Arthur. Mineral of the Month reports were written and read by: Ezra, Sage, Sawyer and Lorelei.
- September Mineral of the Month volunteers include J.J., Z.J. and Lorelei to report on Apophyllite, Stilbite and Heulandite crystals. All the students took home an unidentified white specimen of crystalline rock to try to identify. They also got samples of lime from Lime (the unincorporated area of Baker County), Oregon near the Idaho state line. Mrs. Trumbo collected the lime while traveling this summer.
- One of our parents, Pauline Schafer, Educator from The Reach Museum presented a terrific unit studying crystal formation. She encouraged the students to build various crystal shapes using playdough connections of toothpicks. Students also observed quartz crystals (and wintergreen lifesavers) sparking when stuck or crushed due to piezoelectricity. Thank you Pauline!

In September Jr. Club member Kevin and his father Carl Miles will be sharing of their field trips this summer to mine gold near Bluett Pass, off Hwy 97 N. They will be bringing gold mining equipment, stories, photos and real gold too! Andy Johnson may be sharing about agates and petrified wood as well.

Lorelei, J.J. and Z.J. will report on their Mineral of the Month selections: Heulandite, Apophyllite, and Stilbite.

All are reminded to wear club hat, badge sash, shirts, etc. and to bring Show-N-Tell items and invite your friends to club too.

In October, Ezra's grandpa Michael Black, a geological engineering instructor at the university will be our guest speaker.

Everyone should check the website to see if you've earned some badges. It's time to order them but Mrs. Trumbo needs your completed form printed from the website : [amfed.org](http://amfed.org).

Click the box at the top of the page call "Kids Corner," and print the single page of the badges you've earned. Check the boxes of the work you've done, sign the form(s) and bring them to club. Its quick and it's that easy!

If you've been in club awhile, you no doubt have learned and earned badges. Parents, lets show the students how proud we are of them and let Mrs. Trumbo order badges for them!

## Junior Mineral Reports

### Heulandite by Ezra, age 8

Heulandite is from the zedlite group. It is found in Ahmed-Nagar and crystallizes in the form of the tabular, trapezoid, as well in forms of granular. It is found in India mostly, and some forms come in red, yellow, black, and peach.

### Chalcedony by Sage, age 7

Chalcedony is a catch all term that includes many well-known varieties of cryptocrystalline form of silica quartz. They are found in all 50 states, in many colors and color combinations, and in sedimentary, igneous, and metamorphic rock.

There are many varieties of chalcedony and depending on who is classifying it can include agate, carnelian, aventur-ine, chrysoprase and others. Because it is common and decorative, it has historically been widely used to make jewelry, weapons, adornments for clothing, tools and other useful items. Sources: Wikipedia, [www.minerals.net](http://www.minerals.net), [mindat.org](http://mindat.org)

### Tiger's Eye by Sawyer, age 9

Tiger's eye (also called tiger eye) is a chatoyant gemstone and is usually a metamorphic rock. It has a golden to red brown color. And it also has a silky luster.

Tiger iron, which is another name for this mineral, is mined primarily in South Africa and Western Australia. The specific gravity ranges from 2.64 and 2.71.

The trade name of pietersite is used for a fractured or brecciated chalcedony containing amphibole fibers and promoted tigers eye. It is mostly found in Namibia & China.

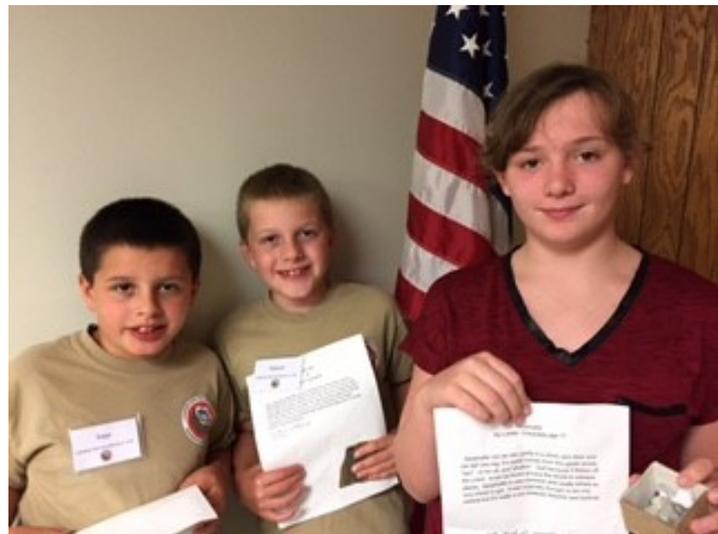
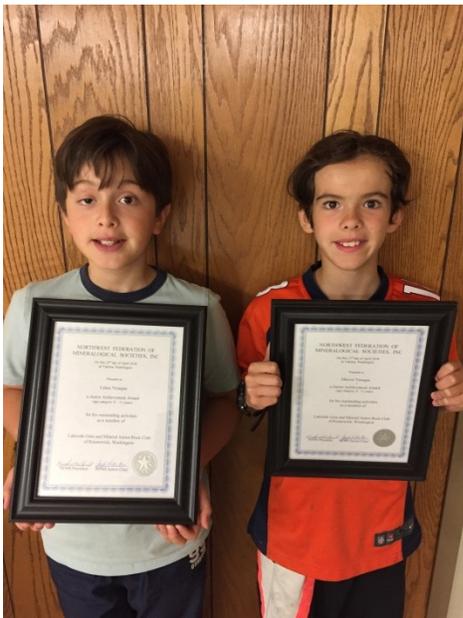
Sources: Wikipedia and [mindat.org](http://mindat.org)

### Apophyllite by Lorelei, age 11

Apophyllite can be very pretty it is shiny and clear and can get very big. Its name comes from the greek words "apo" -to be off, and "phyllos" -leaf because it flakes off like a leaf. It can be found around the world in volcanic places.

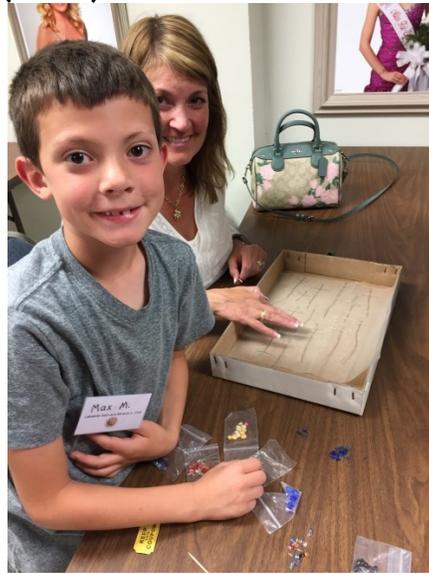
Apophyllite is very common and easily mined so very cheap to get. It was originally thought to be one mineral but it's really a mix between flourine and hydroxl. Info. found at [minerals.net](http://minerals.net)

## Juniors Honored

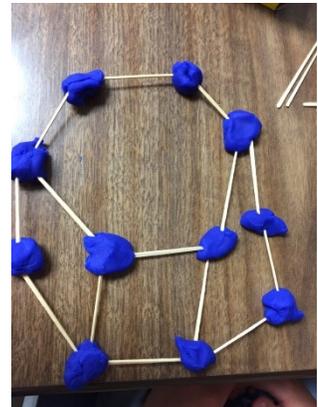
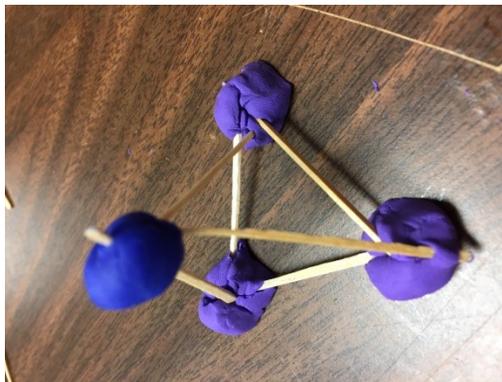
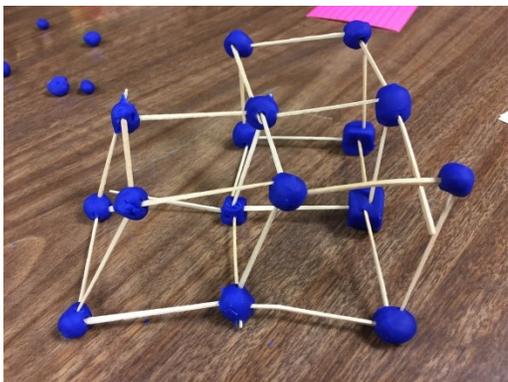
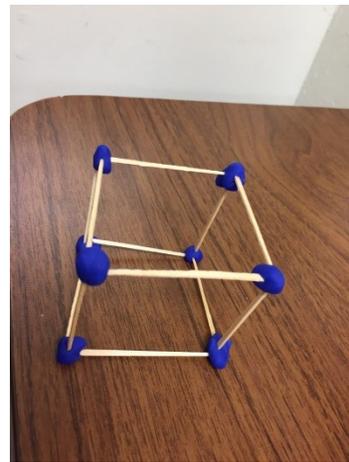
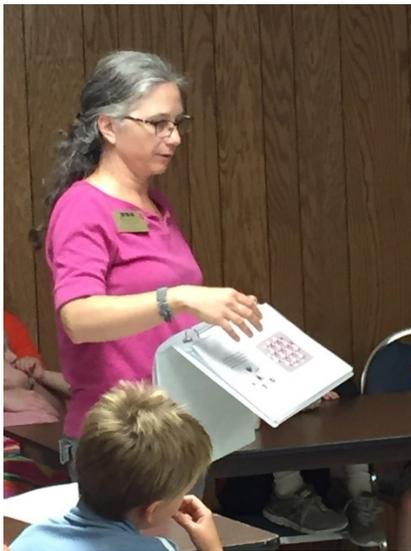




**Making Gem Trees (cont.)**



**Juniors – Pauline’s Crystal Shapes & Candy**



### Rockhounds “Rock” with “Libraries Rock”

On June 21 Andy Johnson and Judi Allison spent time with a group of children and their parents at the Burbank Library. The presentation went along with the library’s summer theme of “Libraries Rock. ” Children learned about the three types of rocks with hands-on experiences. First, they “created” an igneous rock by adding quartz, feldspar, hornblende and biotite to a bowl, ”stirring it all together” to create granite. They then layered playdough to give an understanding of sedimentation and the formation of sedimentary rocks. Their final task was to “morph” the layers of playdough using heat and pressure from their hands to create a metamorphic rock.

Thanks to the generosity of Steve Shoemaker, each participant received a sample of each of the three rock types. They also took home agates and obsidian needles donated by Andy. It appeared a good learning session was had by all, including the library staff, as they kept sneaking away from their posts to watch the presentation.



## Lifetime Members Awarded!



Congratulations to these lifetime members who are in good standing and have been in the club for at least 15 consecutive years. They are a bit beyond retirement age (70 years if age in our bylaws).

**From Left to Right:**

Don & Pat Snyder

Mary Lou & Frank Omstead

Ralph Eichner

Duane Schock

Marvin Barger

**(Not present at meeting were):**

Dom and Evelyn Cataldo

Mary Goodnight

Pat Harmon

Jerry Johnson

Elmer Ringering

Please thank these members for their continued support. They have helped form a great club for sharing information about rocks. Chris Sorensen

### Reach

Previously, our club has put in a case showcasing items that members make. We would like to put in a case at the REACH again in our club case there this fall. Please consider your items: Gem tree, jewelry, polished rocks, and items that display well in a locked glass case. I would like to display your work for you in the case showing the various interests in the club.

I will collect items at the October meeting. Please feel free to contact me with any questions. Chris Sorensen

## Wire Jewelry Classes

Kathy Meuchel of Kitty Kat, Handmade Wire Jewelry, will be presenting classes September 21st, 22nd and 23rd. Three different jewelry projects will be offered over the 3 day period with one project being taught each day and 2 classes available per day. Classes start at 9 am and 1 pm each day. The cost of the class is \$35 for each pendant and \$40 for the bracelet. All jewelry projects will be made with silver. Openings are still available. You can sign up at the September meeting or contact Kathryn Larson.

Friday, we will learn to make the star pendant. Saturday, the heart pendant will be taught and Sunday the bracelet. The price will include all the wire and other materials, we bring our tools.

The bracelet introduces us to chasing. For it you will need a bench block and chasing hammer. Bench block can be any small flat metal block but the surface must be smooth so as not to mar the wire we are working. These items can be purchased on Amazon.

Round nose pliers, flat nose pliers, chain nose pliers and a good pair of cutters will also be needed. The club has some tools available but not enough for everyone.



## Sapphires!

My friend Bill and I, along with my honey Tj, are first year members of the rock club. We took a chance on a “motherload” bag of virgin sapphire gravel from the Spokane Bar Mine El Dorado pit, in Helena, Montana. In our very first scoop of gravel we pulled out a 5.6 ct. beauty! We shipped some of our stones to a cutter for Faceting (we are since learning to facet from Michael Zinski). We would like to share the before and after (1.86 cts) are pictured below.

Maybe we can interest people in getting sapphire gravel shipped to the club for sorting? Krista



### Club November Contest Categories

**We need to lower the categories to 7. At the next meeting, we will be voting to see which 4 are discontinued. Please bring this page and check those you vote to keep. If you don't want to cut this out of your Geode, then please write down 7 categories on a sheet of paper to turn in at the next meeting.**

**1) Best Color** [ ]

**2) Most Unique Rock** [ ]

**3) Best Fossil** [ ]

**4) Silversmith of the Year** [ ]

**5) Wire Wrap of the Year** [ ]

**6) Cast Piece of the Year** [ ]

**7) Faceter of the Year** [ ]

**8) Cabochon of the Year** [ ]

**9) Silver Picker** [ ] Something (cab, stone, carving, rock, jewelry, etc.) that you have purchased at a rock show, rock shop, yard sale or from a hobbyist that will impress us.

**10) Best Find of the Year** [ ] The best personal find of the year while out rock hunting. It can be a mineral specimen, gemstone or rock – either rough or finished. You need to have dug it or found it yourself.

**11) Project of the Year** [ ] Show us your flair and skill by entering something that you have made between 11/1/2016 and 10/31/2017 and incorporates rock in some manner. It can be a sphere, bookends, a gem tree, a carving, an educational exhibit or ??? PLEASE NOTE – JEWELRY YOU HAVE MADE MUST BE ENTERED IN ANY OF THE JEWELRY CATEGORIES.

### **Picnic/Auction:**

The picnic is set for September 16 at the at Grange park by the Kennewick Union Street library. Auction setup begins at 10:30 a.m., lunch at 12:00 p.m. Auction at 1:00

The Club is providing fried chicken and drinks. Please bring a side dish or desert to share, and chairs and shade if necessary. Auction participants may bring up to 10 lots of material per family, and our customary 30/70 split will apply. Details at the September Club meeting and in the Geode. Hope to see you there!

Chris Sorensen

Mickee P.S. **Placing your items for sale on a table rather than the ground, makes for happier knees and backs...**

## Classifieds

**Rock Saw Oil -- The new oil contact** is Rick Tobin 2767 South Lyle St.,  
Kennewick 509 734 8357

### **Saw oil purchasing information:**

- Must be a LSGM club member to purchase saw oil. Membership forms are available if you need to join.
- Must have your own containers
- If you call and set a date and time, please show up and show up on time.
- Diala ( the old oil) \$14.00/gallon
- Superla 5 (the new oil) \$17.50/gallon

### **Tumbling grit. **New Prices!****

**80 grit: \$4.50 for 2# bag**

**220 grit: \$5.10 for 2#bag**

**600 grit: \$6.50 for 2# bag.**

**Cerium Oxide Polish Powder: \$19.00 for 2# bag.**

**For every 10 lbs. of tumbled rock you donate, get  
2 lbs. of 60/90 or 220 grit free.**

**NO RIVER ROCK!!!!**

**Call Mickee Madden at 509-438-5798. Sold in 2 pound bags only. Pick up at her house in Richland. **Exact change, please!****

- Larry has 2016/2017 Federation Directories available now for sale at \$10 each.
- Larry also has LSGM t-shirts and hats for sale at \$10 each.

**The nominating committee for Lakeside Gem and Mineral Club has selected the following nominees for officers:**

President: Bill Hamel

Vice President: Wayne Larson

Director: Ron Northey

Respectfully submitted by committee members: Judi Allison, Jane Moore, Kathryn Larson

Elections will be held October 3 at the regular business meeting.