

TAR HEEL



ROCKHOUND

DECEMBER 2012

CATAWBA VALLEY GEM & MINERAL CLUB, INC.

2012 OFFICERS AND COMMITTEES

President:	Baxter Leonard 828-320-4028	Editor:	Velda McLean 828-572-1826	Show Chairmen:	George Max 828-328-9107
Vice President:	Joan Glover 828-324-0707	Field Trip:	Harry Polly 828-728-9553		Eric Fritz 828-495-7031
Treasurer:	Terry Russell 828-330-0034	Education:	George Max 828-328-9107	Scholarship:	George Max 828-328-9107
Secretary:	Dean Russell 828-330-0034		Bob Tallent 828-851-8434		

Club Address: PO Box 2521, Hickory, NC 28603-2521
Regular Meetings: Second Tuesday, 7:00 PM
St Aloysius Catholic Church
921 2nd St NE Hickory, NC
Annual Dues: Family, \$18; Individual, \$12; Junior, \$6

The purpose of the Club is to increase the individual's knowledge of the earth sciences and to aid in the development of lapidary and related arts and skills; to promote fellowship and exchange of ideas; to hold exhibitions, contests, lectures and demonstrations for educational purposes; to help interest more people in the gem and mineral hobby; and to capture and preserve the beauty of nature, the arts, and the works of man.

ROCK DAY
This Saturday
December 8th
(BEFORE OUR DECEMBER MEETING)



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CATAWBA VALLEY
GEM & MINERAL CLUB, INC.
<http://www.cvgmc.com/>
Web Master: Mike Streeter

Velda L McLean, Editor
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PRESIDENT'S MESSAGE

Baxter Leonard, Club President

It has been my pleasure to serve the CVGMC membership as its president for the past two years. I wish to thank all the officers who have assisted me as well as all members.

We have a good volunteer organization, and it is only with a common interest in service that we can come together as a group to carry out our stated missions.

Our incoming officers, both new and returning, need all of our support. I encourage everyone to assist them when called upon. 2013 should be another fruitful and rewarding year with our expected projects and activities. I again ask everyone, in whatever capacity, to help with annual show March 22-24, 2013. This is a culmination of much planning on different levels and requires all of us to participate for its success.

Baxter Leonard

CATAWBA VALLEY GEM AND MINERAL CLUB, INC.

Minutes for November 13, 2012

The November 13, 2012 meeting of the CVGMC was called to order by President Baxter Leonard at 6:30 PM at the Catawba Science Center Salt Block. There were 30 members and guests present.

Minutes from the October 2012 meeting were approved by the club. Motion made by Harry Polly was seconded by Larry Huffman.

Treasurer Report: Check book balance is \$14,385.57.

Field Trip Report: Ray Mica Mine is the November field trip.

Show Committee: Reminder that the show is March 22-24, 2013.

Education Committee: None

Old Business: Motion by Eric Fritz., seconded by Glenn Bolick to approve the slate of officers presented for the 2013 club year. Motion was approved.

Norma Ridenhour – President

Joan Glover – Vice-President

Dean Russell – Secretary

Terry Russell – Treasurer

Larry Huffman and Albert Keiser – Board of Directors, Members at Large

New Business:

A. December meeting will be the annual Club Auction starting at 6:30 PM. Members are requested to bring desserts and beverages. Larry Huffman will supply the dinner from PO BBQ. Auction item split for sold items will be 75% to the seller and 25% to the club. If

you have a reserved price item to be sold, the minimum amount has to be \$25.00 or higher. Anyone may donate an item(s) to the club to be sold with the club receiving 100% of price.


B. December 8, 2012 is “Rock Day” at the Catawba Science Center from 10 AM – 4 PM.

C. Baxter Leonard mentioned the club putting together two exhibits, non-competitive, for the 2013 show. One would be Fossils of NC and the other NC Minerals.

D. Club member Megan Russell, a Head Start teacher in Lenoir, asked if anyone would like to sponsor a child with a monetary donation for the Christmas season (4 girls, 13 boys in her class). A motion by Eric Fritz, seconded by Harry Polly for the club to donate \$170.00 total, to sponsor each of the children in the class. Motion was passed.

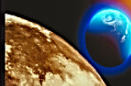
Closing of Business: The meeting adjourned at 6:50 PM
Program: “Science After Dark – Rock Stars”

Respectfully submitted,
Dean Russell, Secretary




On the SALT Block 243 3rd Ave. Hickory, NC 28601 828/322-8169


UPCOMING EVENTS




Comets, Asteroids, Meteors




GREAT BALLS OF FIRE!




STAR PARTY
WITH
Catawba Valley Astronomy Club




TUESDAY, DECEMBER 4th
Sherrills Ford Library
8456 Sherrills Ford Road Sherrills Ford, NC 28673




7 to 8 pm




Stargazers will discover stars, comets and asteroids and make their own constellations to take home.
FREE Refreshments and
a chance to WIN a Galileoscope
sponsored by the United Arts Council of Catawba County



Rock Day at CSC
SATURDAY DECEMBER 8, 2012
10AM TO 4PM
This event Sponsored by:
Catawba Valley Gem and Mineral Club
CVGMC will be on-site with many exciting activities including faceting & rock tumbling
Enjoy solar observation Catawba Valley Astronomy Club



VISIT CatawbaScience.org for more info



Great Balls of Fire is sponsored by:
Catawba Valley Medical Center, CommScope, Frye Regional Medical Center, von Drehle Corporation, Drillers Service Inc., Shurtape, TSH Charitable Foundation

ROCK DAY
Saturday, December 8th
(BEFORE OUR DECEMBER MEETING)



Catawba Valley Gem and Mineral Club will sponsor ROCK DAY AT THE CATAWBA SCIENCE CENTER this Saturday, December 8th. The museum is open from 10am-4pm. Feel free to come out for all or part of the day. Several members will be exhibiting minerals, rocks, and skills. Everyone can participate. You can bring things to show, skills to demonstrate or just come out and support our club. You will be able to see the asteroid exhibit before it moves on the end of the year. If you need setup time, we can get in around 9am. Special prizes for those participating will be awarded at the auction Tuesday.

Eric Fritz
EarthVision
339 Brook Hollow Lane
Taylorsville, NC 28681
828-381-2825
efritz@charter.net

DUES ARE DUE JANUARY 2013
DON'T GET DROPPED

Members will be receiving the *Membership Information Forms* with the December newsletter. You may also find a copy on the club's website: <http://www.cvgmc.com/>

Treasurer Terry Russell will be purging the membership list the first of the year. **The membership form must accompany your dues in order for your name to show up on the 2013 club roster.** Honorary members also need to fill out the form in order to keep records up to date and maintain your honorary membership.



DECEMBER PARTY / AUCTION
Eric Fritz



Our **Annual Auction** is at the December meeting. Please note start time is **6:30 sharp**. This gives us time to get all the auction material set up, have a short, very short, business meeting and get started with the auction by 7:00 pm. If you bring items to sell, come as early as possible.

The Christmas Party will be going on during the auction. Please bring your favorite finger food, a drink and/or desserts to share with everyone. Barbeque and all the fixings are being generously donated by Larry Huffman and Post Office BBQ.

RULES FOR THE AUCTION:

All members are welcome to bring anything hobby related to be auctioned off. This includes tools, specimens, cut stones, cutting rough, display boxes or cabinets. Please have your specimens **clearly labeled**. We do not want to waste a lot of time trying to figure out what it is.

Items for sell will be offered in increments of \$1.00, until the item reaches \$20.00. At that time, the increments will increase to \$5.00. At the \$50.00 level, the increments will increase to \$10.00. At the \$100.00 level, the increment will increase to \$25.00. This insures us of not getting bogged down with small increases and speeds up the auction process. Members will retain 75% of the sale and 25% will go to the club unless the article is deemed a donation to the club, in which case all proceeds will go to the club. You may set a minimum bid of at least \$20.00 and as high as you like. Make sure you mark any minimum prices on the label.

Guests are welcome to purchase **but may not bring auction material to sell**. Guests may bid and purchase as much as they like.



HAVING FUN: JUNIOR ACTIVITIES

by Jim Brace-Thompson, Junior Activities Chair

Host an "Amazing Mineral Magic Show"



At the beginning of the year, I added five new badges to our AFMS/FRA Badge Program, and one has proven instantly popular beyond what I'd imagined: *Special Effects*. We've already awarded nearly 40 of these badges, which is three times as many as any of the other new units introduced this year. The *Special Effects* unit guides kids in exploring such interesting mineralogical

phenomena as magnetism, double refraction, fluorescence, triboluminescence, and more. A suggested activity is having your juniors host an "Amazing Mineral Magic Show" to demonstrate these phenomena to the rest of the club. Several clubs have already done just this, and they report that the adults in the room were just as amazed as the kids who were demonstrating the effects.

The Coquina Kids of the Tomoka Gem & Mineral Society in Florida, the Albuquerque Gem & Mineral Club's Rock Retrievers, and the Jr. Geologists of the Flatirons Mineral Club in Colorado have all written to me of the success of this particular unit. Dennis Gertenbach, leader of the FMC Jr. Geologists, has even suggested new rocks to add to the Amazing Mineral Magic Show, including floating pyrite and rocks that "sing" when put in water. I hope to incorporate his suggestions into future revisions to the Badge Manual, and I encourage others to send in suggestions of rocks with special effects. (Email me at jbraceth@roadrunner.com.)

It sounds like this particular unit, with its hands on activities, has gone over well, so I encourage your society to give it a try because it sounds like the adults, just as much as the kids, found it not only eye-opening, but also fun!

AFMS/FRA Badge Program



http://www.amfed.org/fra/derived/fra_badge.htm [cmp afms2000 hbtn p.gif](#)

MIDWEST FEDERATION YOUTH POSTER CONTEST:

FOSSILS OF THE WORLD



For the past few years, the Summit Lapidary Club of Ohio has been sponsoring a poster contest for kids in conjunction with their annual show and the Midwest Federation of

Mineralogical & Geological Societies convention. The contest is open to any kids within an AFMS-affiliated club, especially those who already may be involved in the AFMS Future Rockhounds of America program. David Rich has emailed to let me know the tradition continues, and this year, the contest is focused around a theme of "Fossils of the World." Kids wishing to enter the contest should prepare a poster illustrating one or more fossils that interest them, from anywhere in the world.

The contest is open to kids in grades 1 through 8. Each grade level will have a winner. Ribbons be awarded for 1st through 4th place, and 1st place winners will also receive a prize. Rules are as follows:

- all entries must be presented on 12 x 18-inch paper;
- artwork can be pen, ink, crayons, magic marker, paint, or any other artist's medium, but no three-dimensional posters accepted;
- include name, address, age and school grade of participant on back of entry;
- the title maybe on front or back;
- list of names of the fossils and why you chose them; and
- all entries become the property of Summit Lapidary Club and the Midwest Federation.

Points will be awarded as follows: Originality & Art Work—30 points; Design—25 points; Title—25 points; Listing of Fossils and Reason You Chose Them—20 points.

Entries must be postmarked by March 2, 2013, and should be mailed to: Jennifer Fike, P.O. Box 26276, Akron, Ohio 44319. Winners will be announced April 6, 2013, at the MWF convention.

Further contest info may be found at <http://Lapidaryclubofohio.org> and if you have questions, contact Poster Judge Jennifer Fike by email at: <SLC.youth.poster.contest@gmail.com>.

AFMS Newsletter – December 2012 - January, 2013

MINI MINERS MONTHLY

MINERAL USES

Many of the things we use every day are grown. Wood for houses and furniture are from trees. Light, cool cloth for shirts and pants and dresses comes from cotton. But most of what we use every day is mined out of the ground and comes from minerals. Sphalerite is zinc ore. Hematite is iron ore. Pyrite gives us iron and sulfur. Halite is salt. Azurite and malachite are copper ores. The list goes on and on. This crossword puzzle will test your knowledge of how minerals are used in our everyday lives.

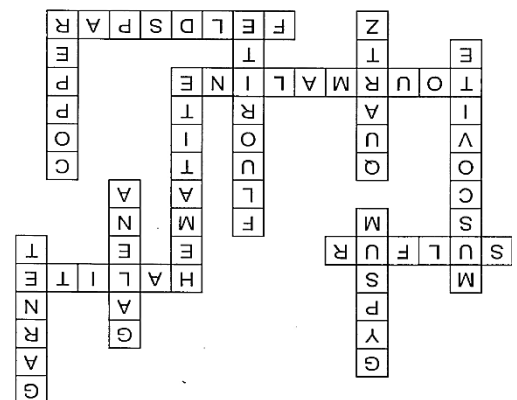
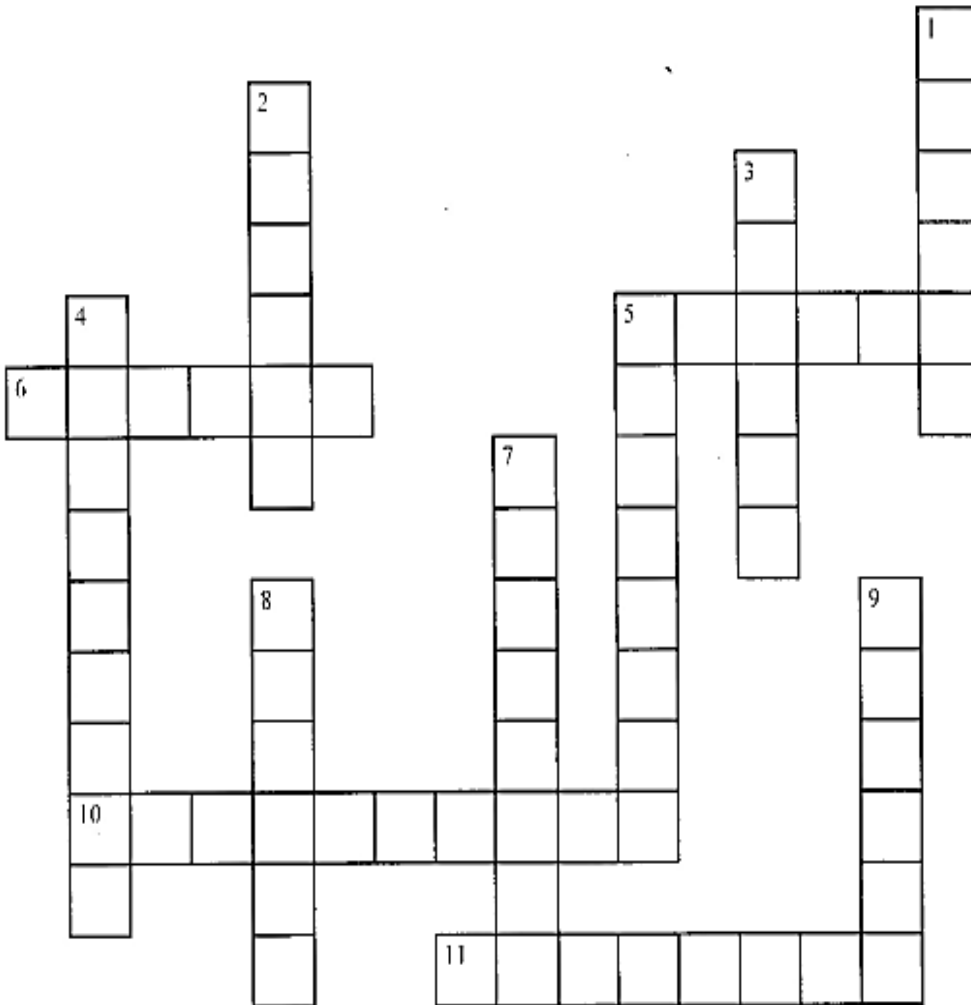
© Darryl Powell www.diamonddanpublications.net

ACROSS

5. Also known as "salt".
6. Used to make sulfuric acid, explosives, and fertilizers.
10. Used to make scientific instruments that measure high pressures, Can also be a gemstone.
11. An important ingredient in the production of porcelain.

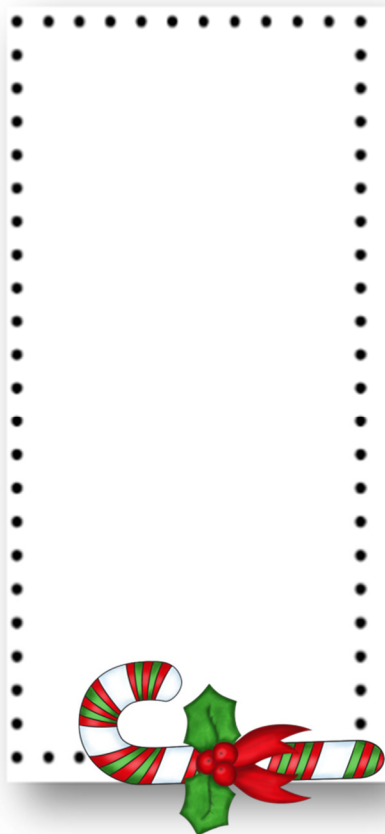
DOWN

1. Used to make sandpaper.
2. Used to make plaster wall boards for house construction
3. The most important ore of the element "lead". Commonly also contains important amounts of silver.
4. A mica mineral used for heat insulation. Also used in making paper, rubber and paint.
5. An important iron ore. Iron is used to make steel for cars, trucks, buildings, and bridges.
7. The element "fluorine" is removed from this mineral to make hydrofluoric acid. Also used as a flux in the metal industry.
8. Used in very large quantities to make glass.
9. Used to make electrical wire.



First Class Mail

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**Catawba Valley
Gem and Mineral Club, Inc.**

Volume 41 Number 12

**Rock Day
This Saturday, December 8th
(BEFORE OUR DECEMBER MEETING)**

Club Meeting

**Tuesday
December 11, 2012
6:30 PM**

**St Aloysius Catholic Church
921 2nd St NE
Hickory, NC**



2013 MEMBERSHIP INFORMATION FORM

☒ *Please Check all the Appropriate Boxes*

☐ New Member ☐ Renewal

(New members must attend two meetings and may apply for membership at the second meeting)

☐ Single \$12.00/YR ☐ Family \$18.00/YR ☐ Junior \$6.00/YR

☐ Honorary \$0.00

Date: _____

NAME: _____

SPOUSE'S NAME: (for family membership) _____

ADDRESS _____

CHILD'S NAMES: (for family membership) _____ Age _____

CHILD'S NAMES: (for family membership) _____ Age _____

CHILD'S NAMES: (for family membership) _____ Age _____

HOME PHONE: _____ CELL PHONE _____

E-MAIL ADDRESS (S) _____

How do you want the bulletin?

☐ Email

☐ US Mail

MAKE CHECK PAYABLE TO: CATAWBA VALLEY GEM & MINERAL CLUB, INC.

Catawba Valley Gem & Mineral Club, Inc.

c/o Terry Russell

PO Box 2521

Hickory, NC 28603-2521

DUES SHALL BE PRO-RATED BY THE FOLLOWING FORMULA:

January 1-June 30, full amount of annual dues

July 1- September 30, 50% of annual dues

October 1 - December 31, full amount of annual dues (shall apply as payment of year following payment date)

RENEWALS ARE ALWAYS DUE IN JANUARY. You will receive a *Membership Information Form* by December. Forms are required to be updated annually for membership renewal. Please keep the club informed of changes.