

MARCH-APRIL, 2025

NEWSLETTER OF THE

SOUTH CENTRAL FEDERATION

Of Mineral Societies



**Southwest Gem
& Mineral Society
Annual Show**



Member of: The American Federation of Mineral Societies

INSIDE THIS ISSUE

- 1. Front Cover**
- 2. Table of Contents**
- 3. SCFMS Information**
- 4. President's Message**
- 5. AGMS show advert**
- 6. 2024 SCFMS Editors and Authors Contest Results**
- 7. 2024 AFMS Editors and Authors Contest Results**
- 8. Crack the News Needs Junior Content**
- 9. What is a Macle**
- 10. Punny Fallen Phrase Puzzle/Festival of Gems Show Flyer**
- 11. Submit Junior Newsletter Articles/Geology Lab for Kids**
- 12. Geology Lab Continued**
- 13. Twists of Wire and Wonders of Stone**
- 14. Punny Fallen Phrase Puzzle Solution**
- 15. Bench Tips by Brad Smith**
- 16. SCFMS Shows/Thank You**

ON THE COVER

Photo: Picture of a display case provided by the Southwest Gem & Mineral Society. See show flyer on page 10.



SOUTH CENTRAL FEDERATION OF MINERAL SOCIETIES, INC.

2025 SCFMS OFFICERS

President: Don Shurtz

Executive V-P: Sigrid Stewart

Secretary: Vacant

Treasurer: Henry Rojas

Web Master: Don Shurtz

Exec. Secretary: Susan Burch

**AFMS Endowment Fund Raffle
for SCFMS: Walt Beneze**

**SCFMS Endowment Fund
Treasurer: Walt Beneze**

**Nominating Committee –
Ron Carman**

Past President: Roger Burford

**For more information or to send in-
formation to the SCFMS or an
officer, please email:**

scfmsinformation@gmail.com



PURPOSE

*To promote popular interest and education in the various earth sciences, in particular those hobbies dealing with the art of lapidaries and the science of minerals, fossils, as well as their associated fields.

*To cooperate with educational and scientific institutions or other groups engaged in increasing knowledge in the earth sciences.

*To cooperate with or become members of similar Federations in the United States and elsewhere.

*To assist in the formation of earth sciences societies in localities where public interest justifies their formation.

**E-MAIL ADDRESS
CORRECTION AND CHANGES**
It is each members responsibility to send your email address corrections to the SCFMS Editor:

Susan Burch,
scfmseditor@yahoo.com

**NEWSLETTER PUBLISHED
BIMONTHLY**

DUPLICATION

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A NOTE FROM —THE EDITOR—

THE FINAL DEADLINE, ETC.



For each newsletter the deadline is the 25th of the month prior to scheduled publication. February-April-June-August-October-December all provide the deadline for the following bi-monthly issue. Although, the Editor may chose to adjust the deadline due to circumstances.

As a reminder! Shop hints and tips that are used in this newsletter have not been evaluated for safety or reliability by myself. Please use caution and safety when trying out any new idea. Please, if you have something urgent, send me a text, but send newsletter content via email.

ANNUAL SHOW 2025

Hosted by the AGMS
OCTOBER 17-19, 2025
AUSTIN, TX

ANNUAL MEETING

OCTOBER 18, 2025

SCFMS WEB-SITE:
WWW.SCFMS.NET

The SCFMS is a member of the American Federation of Mineral Societies. amfed.org

NEWSLETTER EDITOR/BEAC:

Susan Burch
scfmseditor@yahoo.com





OUR NEXT CONVENTION

Great News: Our next convention will be in Austin on October 18, 2025. The Austin Gem and Mineral Society will be hosting the convention. Their show is October 17 – 19 at the Palmer Events Center. If you were at the Annual Meeting you may remember the conversation at the November 2024 convention, that downtown Austin will be expensive that weekend. As an example of how pricy it will be downtown, parking at the Palmer Events Center, where their show is being held, is \$20.00 each time you enter – no free re-entry. Austin is hosting a Formula 1 race event and a major NCAA football game the same weekend as their show. The Austin Gem and Mineral Society President John Connors indicated that downtown Austin hotels would be in the \$300.00 per night range.

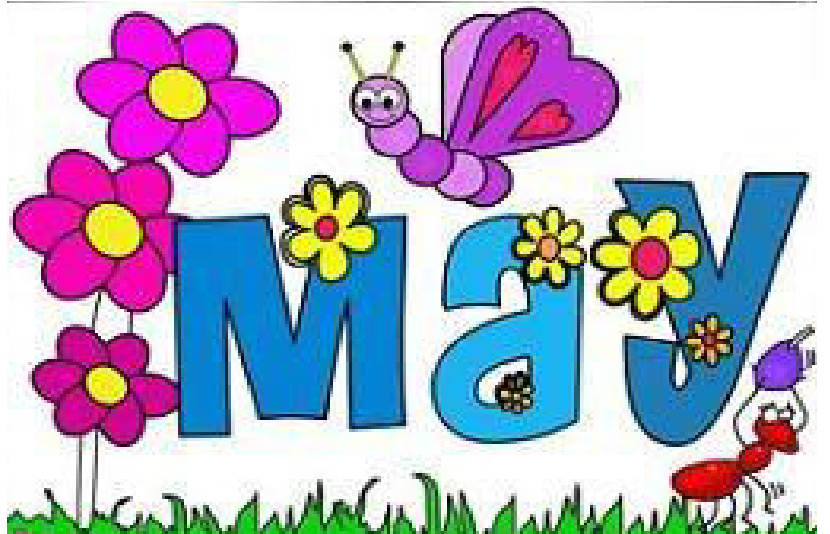
Austin Gem and Mineral Society is celebrating its 75th anniversary and wants to celebrate the occasion with the SCFMS by hosting the convention. The convention will be in Austin but not downtown Austin. Most convention events will be at their clubhouse, where the parking is free. The Awards Banquet will be at Nature’s Treasures, about 12 miles north of the clubhouse. As for hotels, I have not priced any of them yet, but Round Rock is about 10 miles north of the clubhouse, and Georgetown is about 20 miles north. I am guessing that hotel rates will be considerably lower the further north of Austin you go.



*Don Shurtz,
SCFMS President*

More Great News: The SCFMS now has a Secretary. Becky Copenhagen from the Hi-Plains Gem and Mineral Society. She is the former President of the Hi-Plains G&MS and is now working to establish a Juniors Group. She was recommended by Erin Irwin, who recently became the SCFMS Juniors Program Chair. Erin is helping Becky establish a juniors program for the Hi-Plains G&MS.

Even More Great News: Erin was also added as an Admin to the SCFMS Facebook page. Look for more information about juniors’ activities on our website and Facebook. My thanks go out to Erin and Becky.





**This year the Austin Gem & Mineral Society is celebrating their Diamond Jubilee show. They will be hosting the South Central Federation of Mineral Societies during their annual convention,
October 17-19, 2025.
Keep on the lookout for more information as the show dates near.**

2024 SOUTH CENTRAL FEDERATION OF MINERAL SOCIETIES'



EDITORS AND AUTHORS CONTEST RESULTS

CATEGORY:		LARGE BULLETINS			
PLACE	EDITOR	NAME OF BULLETIN	CLUB AFFILIATION	MONTH PUBLISHED	YEAR PUBLISHED
1st	Raymond Lynch	The Hot Springs Bulletin	The Hot Springs Geology Club	Summer Edition	2023
2nd	Sarah Hawthorn and Julia Toombs	Rock N Rose	East Texas Gem and Mineral Society	January	2023
CATEGORY:		DRAWN FEATURES			
PLACE	AUTHOR	NAME OF FEATURE	CLUB AFFILIATION	MONTH PUBLISHED	YEAR PUBLISHED
1	Sarah Hawthorn	Desert Rose	East Texas Gem and Mineral Society	September	2023
CATEGORY:		ORIGINAL ADULT ARTICLE			
PLACE	AUTHOR	NAME OF ARTICLE	CLUB AFFILIATION	MONTH PUBLISHED	YEAR PUBLISHED
1	Julia Toombs	Do You Enjoy Writing	East Texas Gem and Mineral Society	January	2023
2	Colleen Hayes	Glass	East Texas Gem and Mineral Society	February	2023
3	Kerry Cartier	Lessons From A Bolo Tie		March	2023
4	Steve Blyskal	Field Trip To Zapada Area	Houston Gem and Mineral Society	May	2023
CATEGORY:		SPECIAL PUBLICATION			
PLACE	AUTHOR	NAME OF PUBLICATION	CLUB AFFILIATION	MONTH PUBLISHED	YEAR PUBLISHED
1	Nancy English	Epic! Cleaning Out Shop Prior To Construction	Houston Gem and Mineral Society	August	2023
CATEGORY:		ORIGINAL ADULT ARTICLE-ADVANCED			
PLACE	AUTHOR-	NAME OF ARTICLE	CLUB AFFILIATION	MONTH PUBLISHED	YEAR PUBLISHED
1	Neal Immega	Identifying Other People's Finds	Houston Gem and Mineral Society	February	2023
CATEGORY:		WRITTEN FEATURE			
PLACE	AUTHOR	NAME OF FEATURE	CLUB AFFILIATION	MONTH PUBLISHED	YEAR PUBLISHED
1	Becky Whisenant	The Other Thing	East Texas Gem and Mineral Society	September	2023
2	Kerry Cartier	Gold In The 'Kink' In Alaska	East Texas Gem and Mineral Society	July	2023
3	Alan Walker	Hound And Rockhound, Our Search For Kentucky Agates	East Texas Gem and Mineral Society	February	2023
4	Sigrid Stewart	Field Trip To Fort Kerr House In Columbus	Houston Gem And Mineral Society	August	2023
5	Terry Roberts	Shop Time	East Texas Gem and Mineral Society	September	2023
6	Sarah Hawthorne	Miller Mountain: Finding More Than Crystals	East Texas Gem and Mineral Society	November	2023
7	Ed Grounds	Homeschool Group At The Rock Clubhouse	East Texas Gem and Mineral Society	September	2023
8	Julia Toombs	William S Denman	East Texas Gem and Mineral Society	September	2023
9	Barbara Braun	Tips For Painting Rocks	East Texas Gem and Mineral Society	March	2023
10	Darby Spears	In Memory Of Cecil Waterhouse	East Texas Gem and Mineral Society	September	2023
HM	Colleen Hayes	ETGMS Summer Rock Swap & Sale	East Texas Gem and Mineral Society	June	2023
HM	Fred Mahaffey	North Sulphur River Fossil Park	East Texas Gem and Mineral Society	October	2023



2024 AFMS AUTHOR AND EDITOR CONTEST RESULTS FOR SCFMS



ADULT ARTICLES					
PLACE	AUTHOR	Article	ISSUE	BULLETIN	CLUB NAME
1	Kerry Cartier	Lessons from a Bolo Tie	March	Rock N Rose	East Texas Gem & Mineral Society
5	Julia Toombs	Do You Enjoy Writing?	Jan.	Rock N Rose	East Texas Gem & Mineral Society
10	Colleen Hayes	Glass	Feb.	Rock N Rose	East Texas Gem & Mineral Society
ADULT ARTICLES ADVANCED					
PLACE	AUTHOR	Article	ISSUE	BULLETIN	CLUB NAME
4	Neal Immega	Identifying Other People's Finds	Feb.	Backbender's Gazette	Houston Gem & Mineral Society
DRAWN FEATURES					
PLACE	ARTIST	DRAWN FEATURE	ISSUE	BULLETIN	CLUB NAME
1	Sarah Hawthorne	Desert Rose	Sep.	Rock N Rose	East Texas Gem & Mineral Society
WILD CARD-BEACs WRITTEN FEATURES					
PLACE	AUTHOR	WRITTEN FEATURE	ISSUE	BULLETIN NAME	
2	Susan Burch	2022, No it's 2023	Jan/Feb.	South Central Federation of Mineral Societies Newsletter	
WRITTEN FEATURES					
PLACE	AUTHOR	WRITTEN FEATURE	ISSUE	BULLETIN	CLUB NAME
1	Becky Whisenant	The Other Thing	Sep.	Rock N Rose	East Texas Gem & Mineral Society
5	Alan Walker	Hound & Rockhound	Feb.	Rock N Rose	East Texas Gem & Mineral Society
10	Kerry Cartier	Gold in "The Kink" in Alaska	July	Rock N Rose	East Texas Gem & Mineral Society
SPECIAL PUBLICATION					
PLACE	AUTHOR	PUBLICATION	ISSUE	BULLETIN	CLUB NAME
5	Nancy English	Epic Cleaning out Shop prior to Construction	Aug.	Backbender's Gazette	Houston Gem & Mineral Society
LARGE BULLETINS					
PLACE		BULLETIN	ISSUE	EDITOR	CLUB NAME
1		The Hot Springs Bulletin	Summer	Raymond Lynch	Hot Springs Geology Club
7		Rock N Rose	Jan.	Sarah Hawthorne	East Texas GMS

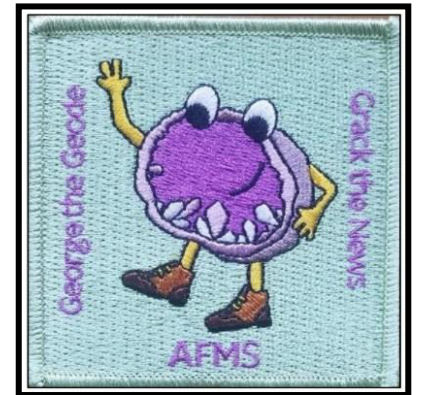
Congratulations

To All of Our

Contest Winners

CRACK THE NEWS NEEDS JUNIOR CONTENT Send an Article, Receive This Patch

Write an article or poem or create artwork about rocks, minerals, fossils, or anything about rockhounding, and receive this special patch featuring George the Geode. (This is George's favorite patch.) Plus, you could see your name in the next edition of this newsletter! Contribute five times and you will receive George's favorite rock – a Geode.



Badge of the Month: Fossils

The AMFS has 20 badges you can earn with your friends in your club's junior program. In each Crack the News we will feature one badge that you can earn.

To earn this badge you need to complete three requirements where you can learn about geologic time, how fossils are formed, your state fossil, and dinosaur. You can put together a fossil collection and perhaps go on a fossil collecting field trip.

Talk to your juniors club leader about how you can earn this badge. To learn more about the badge program, go to the AFMS Juniors website at [AFMS Juniors - FRA Badge Program](#).



WHAT IS A MACLE?
Information from the Internet
Compiled by Susan Burch

Merriam-Webster Dictionary defines a Macle as

ma·cle ['ma-kəl](#)

1: a twin crystal

2: a flat often triangular diamond that is usually a twin crystal

Recently, a few posts were shared in a Facebook group I belong to about instances of macle diamonds being found at Crater of Diamonds State Park in Arkansas. The photos were so intriguing and as I had not heard of this crystalline structure before, I thought I would share. Nature has always tended to fascinate and amaze me. The photos showing these naturally shaped diamonds being used in jewelry as-is were particularly beautiful.

From Diamonds in Arkansas Facebook Group: A macle is a fairly rare, naturally flat, triangular-shaped diamond. Here are photos showing some of the various macle diamonds that have been found at Arkansas' Crater of Diamonds State Park in the past.



In October of 2017, Jesse Fuller found this PERFECT, 84-point macle diamond at Arkansas' Crater of Diamonds State Park. She now shares this photo and writes, "Here is a picture of the ring I had it put into. All natural just like I found it in the dirt."



On March 25, 2025, Denis Tyrrell of Florida found and registered this 35-point, white, macle diamond at Arkansas' Crater of Diamonds State Park. This is his 487th diamond find at this public park, and his first macle.



There are 100 points of weight per carat. So, this diamond weighs a little over 1/3 of a carat. Photo credits: Denis Tyrrell)

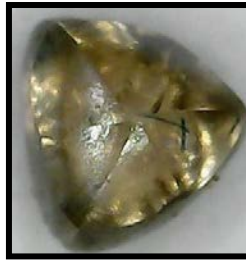
The FIRST diamond Scott Kreykes ever found was this 34-point, white macle diamond. It weighs just over 1/3 carat. Macles spread their weight over a wide footprint because they are naturally flat. That makes them look bigger than the actual weight.



Scott went on to have his first diamond set (of course uncut and naturally beautiful) in a ring that he enjoys wearing.



Due to his first diamond find at the park, Scott got hooked on diamond searching. He has gone on to find a total of 249 diamonds. SIX of those diamonds have been macles (naturally flat, triangular diamonds). All of them have been white except for this one, 2-point, brown macle. Also shown here are two, 0.6 point macles, a 2-point, an 81-point, and his original, 34-pointer.



On Thanksgiving Day, 2024, Scott Kreykes spent some time looking through gravel he had dug, carried, washed, and taken home from Arkansas' Crater of Diamonds State Park. He was shocked and pleasantly surprised to find this GORGEOUS, 81-point, white macle diamond. It is his largest macle find so far out of the 249 diamonds he has found at the state park where the average-sized diamond is 20 points. It shows as really clean, clear, and beautiful!!!



(Photos by Scott Kreykes)

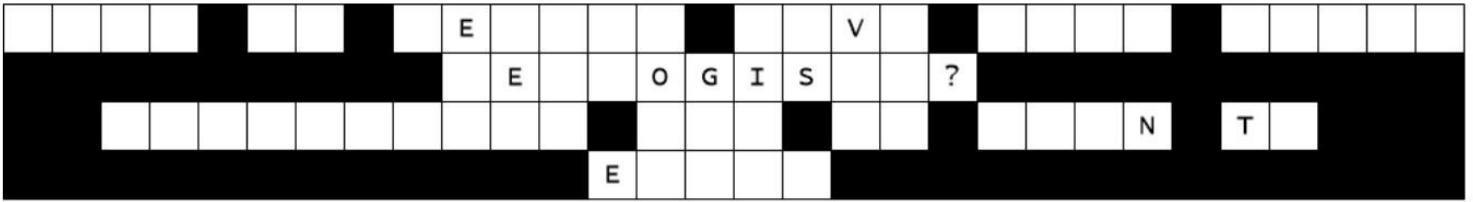
Hopefully, you have enjoyed this foray into a few of the macle diamonds found at the Crater of Diamonds State Park. Perhaps it will inspire you to visit the park yourself and maybe find your own diamond.

Ref.

- <https://www.merriam-webster.com/dictionary/macle;>
- <https://www.facebook.com/Diamonds.in.Arkansas;>
- <https://www.arkansasstateparks.com/parks/crater-diamonds-state-park>

PUNNY FALLEN PHRASE PUZZLE

By Susan Burch



S E E S
 G E L O I S T P L A R L O T O M O S O
 W H A T O D O G P G O O L A R T H S E D O W T A B O U T

Try to rebuild the message.

The letters from each cell are below the puzzle.

Try to rebuild the original message by choosing the letters for each cell.

Solution on Page 11



SAN ANTONIO, TEXAS

63RD ANNUAL

FIESTA OF GEMS

APRIL 5-6, 2025



MORRIS CENTER
@ JOE FREEMAN COLISEUM
475 FROST CENTER DR. GATE E
(A.K.A. AT&T PARKWAY)

SATURDAY 10AM-6PM
SUNDAY 10AM-4PM

ADULTS \$5
SENIOR & MILITARY \$3
KIDS \$1
PARKING \$10

PROVIDE PARKING RECEIPT FOR ONE FREE ADULT ADMISSION

KITTY.SWGMS@GMAIL.COM
WWW.SWGMS.ORG
FACEBOOK:
SOUTHWEST GEM & MINERAL
SAN ANTONIO



Fun for the entire family!

SUBMIT JUNIOR NEWSLETTER ARTICLES

By Erin Irwin,
SCFMS Junior Chair

Note-

Encourage your students to submit articles to the 'Crack the News' newsletter for the national contest.

"Crack the News" is a newsletter written by Juniors for Juniors. This is a quarterly newsletter so articles are accepted at any time. The juniors can submit anything from jokes, drawings, or research articles. This is also a great way for kids to practice writing skills.

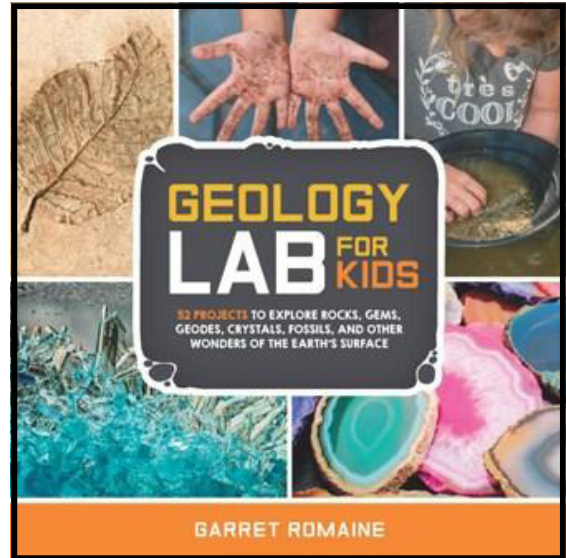
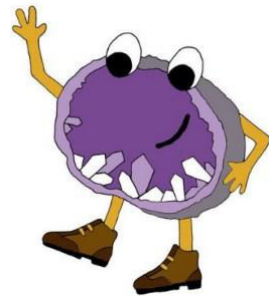
My juniors love seeing the things they have written and their name in print. I encourage everyone to take a look at the newsletter, share it with your club and encourage your kids to contribute. In addition, these articles can be submitted to the national newsletter contest. Prizes absolutely can be given to juniors who submit articles.

For the latest issue of Crack the News, click the link or enter the address in your browser.

AFMS Juniors - Juniors Newsletter
juniors.amfed.org



<https://www.juniors.amfed.org/juniors-newsletter>



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<https://www.amazon.com/Garret-Romaine/e/B0037187T8>



Rocks are very strong, but they can't last forever when they get rolled, shaken, stirred, and jumbled. In this lab, you'll mimic the forces that break rocks down into sand, and have a sweet time doing it.

MATERIALS

- 5 sheets of 8 1/2" x 11" (21.5 x 28 cm) paper
- Pen or pencil
- 2 boxes of sugar cubes
- Kitchen scale
- Hard plastic container with lid
- Selection of small pebbles. You can also use split shot fishing weights.

Continued on Page 10



Continued from Page 9



Safety Tips

- Don't use a glass jar— it could break.
- Keep the lid on tight.
- Wash hands after touching the sugar so you don't make a mess or get it into your eyes.

PROTOCOL

STEP 1: Take a blank piece of paper and divide it into four quadrants, or quadrants. Label the quadrants Boulder, Cobble, Pebble, Sand.

STEP 2: Place sixteen cubes on the scale and weigh them. Record the weight on your sheet of paper.



STEP 3: Place the sugar cubes in the container, put the lid on tightly, and shake vigorously for one minute.



STEP 4: Dump the contents onto your sheet of paper and divide up the material. The largest chunks are probably boulders, and the finest material is sand. If you have tiny chunks of sugar that are almost broken up, call them pebbles. Cobbles would be the group that is too small to be a boulder and too large to be a pebble

STEP 5: Weigh each section and create a table. Add up all of your measurements and see how close you get to the original weight.

STEP 6: Now vary your process. Try getting another person to shake the same number of cubes for one minute. Or you can repeat the test yourself and vary the time. Next, you can add a combination of rocks and pebbles or fishing weights and see if they change the way the sugar cubes break down.



Creative Enrichment

1. How long do you think it would take for you to turn all the boulders into sand? Can you set up a contest with your friends and family?
2. What would happen if you put your sugar cubes in a smaller container, so that they don't have enough room to move around?
3. What happens if you put in the same volume of rocks and sugar?

THE SCIENCE BEHIND THE FUN

Mechanical forces that pit one rock against another are very common in the Earth's crust. When earthquakes move rocks over, under, or against each other, the result is often a pulverized powder. When rocks fall off a cliff and pile up below, the common term to refer to them is scree, as in a scree slope. Scree describes piles of rock that are mostly small. Geologists use the term *talus* (tay-lus) for slopes that are a jumble of large and small rock fragments. These may contain boulders the size of a car and are often not sorted very well, comprising a mix of huge, big, and little rocks. Each time another rock comes flying down, it will hit other rocks and break things down further. As long as the cliff above continues to be attacked by gravity, wind, sun, tree roots, and water, the talus slope will continue to build. Sometimes that's good—you won't have to climb the cliff to look for samples or fossils if they are always raining down from above. Just be sure to wear a hardhat!

TWISTS OF WIRE AND WONDERS OF STONE: A YOUNG ARTIST'S JOURNEY

Anna Leopoldo, age 12, Earth Science Club of Northern Illinois and West Suburban Lapidary Club of Illinois



I am Anna Leopoldo, a 12-year-old lapidary artist from the Chicagoland area. In this section, I will talk about my creative process when making jewelry, the stones and other materials I choose to work with, and the inspiration behind my artworks.

When making jewelry, I often start a project by asking, "What feeling or mood do I want to evoke in this piece?" The answer changes almost every time, but I often find myself gravitating toward dark, fantasy-like, elemental-inspired, or nature and seasonal themes. Once I have decided on the theme or mood, I begin with one section of the project and then let my creativity guide me.

I always start by measuring and cutting my wire. I use 10 inches of 24-gauge wire for necklaces, which are my go-to for fun projects. After the wire is measured, I sift through my bead collection to find colors reminiscent of my theme. For example, if I have an autumn theme, I use red, yellow, and orange beads. I pick out at least ten different kinds of beads of various shapes, sizes, textures, and materials. I love to mix seed beads, metal beads/charms, and larger glass and stone beads, especially the shiny ones. When I am happy with my selection, I start threading the beads onto the wire. I enjoy creating alternating patterns, remaking the same beaded pattern with different types and colors of beads.

When the necklace chain is done, I start working on wrapping my stone. Some stones and gems I like to use include labradorite, citrine, rough rubies, crazy lace

agate, picture stone agate, moonstone, honey calcite, fluorite, and native copper. I have a huge rock and gem collection, primarily made up of agates, so I often use various agates together in one piece. When wrapping multiple stones at once, I arrange the stones in the desired order and use water-soluble glue to hold them together. If I am only using one stone, I skip this step. After the glue sets, I start wrapping my pendant. I choose the wire color, then measure and cut the wire. I use 16 and 24-gauge wire, and occasionally 14-gauge wire. I estimate the wire length to be three times the circumference of the stone to ensure I have enough wire. I cut two more pieces of wire the same length, bunch them together, and make sure the ends line up. I wrap a smaller piece of wire in the middle and place my stone against it.

I pull the side wires away from the middle one and rejoin them with another thin wire binding to hold them in place. I repeat this step until all the edges of my stone are held in place. I pull all the wires to the top, wrap another small wire to hold them, attach a loop to the pendant, and then attach the chain to the loop. Once this is done, the work is complete!

From Crack the News, December 2024

<https://drive.google.com/file/d/1y98CtmpvTH9mi9TCBotiSkL2sElk6ID4/view?pli=1>

<https://www.juniors.amfed.org/juniors-newsletter>



Continued from Page 10



**PUNNY FALLEN
PHRASE
PUZZLE SOLUTION**



**CONTRIBUTIONS
WELCOME!**

SCFMS exists for the benefit of our member clubs and we are all volunteers. Please consider enriching our club by making a photo, drawing, or written contribution to the newsletter about a geology or earth science related topic.

Pick a topic that interests you and give it a go. Please send it me at scfm-seditor@yahoo.com by the 20th of the month prior to the expected publication date and I would be glad to work with you to finalize your item for this newsletter.

Please, be sure to send me your show flyer at least several months in advance so, I can share it in our newsletter.

Susan Burch, Editor

**DEADLINE
FOR THE
MAY-JUNE, 2025
NEWSLETTER IS
APRIL 20, 2025**

BENCH TIPS BY BRAD SMITH

EMERY BOARDS



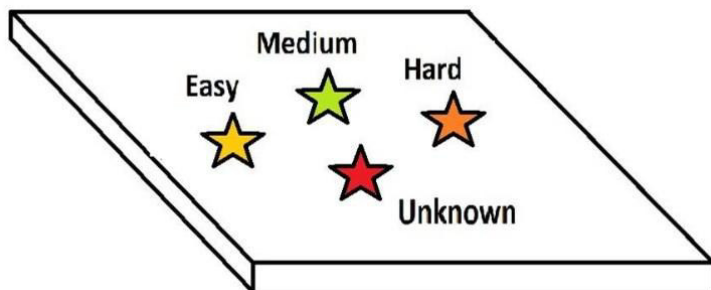
I feel the key to getting a lustrous polish on your jewelry work is having a good selection of sandpaper handy for prepolishing before going to the buffer. I generally start around 400 grit and then go to 800 and 1200.

While some projects do require sheets of sandpaper, my favorite way of sanding small jewelry items is to use emery boards for doing your nails. I like the ones with a thin foam core. They have enough resistance to sand the high points off a flat surface and yet give a little when you're trying to smooth off a curved surface.

These nail boards are inexpensive and come in a variety of grits. Some grits are so fine they give an almost finished surface. Pick up a few at a beauty supply company, at your local drug store, or from Amazon.

IDENTIFYING UNMARKED SOLDERS

There are plenty of ways to mark your sheet or wire solders, but suppose you forgot to mark them and have a couple that you can't identify. The answer is to compare the melting temperature of the unknowns with that of a known solder.



What I do is take a thick scrap of copper or nickel and arrange several solders on it. Ideally, I would have a sample of easy, medium and hard known solders surrounding the unknown piece. Then I heat the plate from the bottom and watch the order in which the solders melt.



Making jewelry involves a multitude of skills, intricate hand work, and a lot of problem solving. In this book series find help to:

- Broaden your metalworking skills
- Improve productivity at the bench
- Save money on tools and supplies

See Other Tips in my Smart Solutions for Jewelry Making Problems

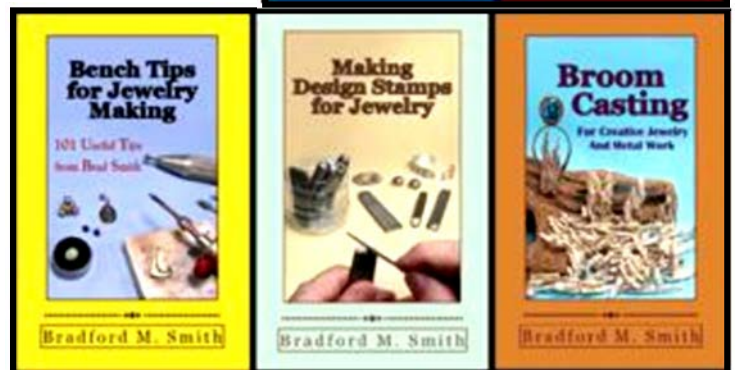
<http://amazon.com/dp/B0BQ8YVLTJ>

Happy hammering,
- Brad Smith

BradSmithJewelry@gmail.com

Please, check out more Smart Solutions for Your Jewelry Making Problems

[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)



UPCOMING SHOWS 2025

APRIL 5-6—SAN ANTONIO, TEXAS: Annual show; Southwest Gem & Mineral Society - 63rd Annual Fiesta of Gems; Morris Center @ Joe Freeman Coliseum, 475 AT&T Center Parkway Gate E; Sat. 10-6, Sun. 10-4; Adults \$5, senior/military \$3, kids over 7 \$1; Parking \$10 [Provide receipt for one free adult admission] 26 Mineral dealers, crystals, fossils, lapidary, exhibits, fine jewelry, demonstrations, make your own cabochon; contact Kitty; Email: Kitty.swgms@gmail.com; Website: www.swgms.org

APRIL 18-20—ALPINE, TEXAS: Annual show; Chihuahuan Desert Gem & Mineral Club; Alpine Civic Center, 801 West Holland Ave; Fri. 9-6, Sat. 9-6, Sun. 10-4; Free; 34th Annual Show with over 40 indoor and outdoor vendors. Showcasing Jaspers & Agates of this Big Bend; contact Lisa Nix; Email: rocksofalpine@gmail.com

MAY 24-25—FORT WORTH, TEXAS: Annual show; Fort Worth Gem and Mineral Club; Will Rogers Memorial Center/Roundup Inn, 3401 W Lancaster; Sat. 9-5, Sun. 10-4; \$7 Adults - \$5 Seniors, Military, Students - Free Children 12 & Under; Kids activities, raffle, silent auction, showing and selling gems, minerals and fossils. Rough material to finished jewelry; contact Glenda Bradley; Email: fwgmc.info@gmail.com; Website: fortworthgemandmineralclub.org

JUNE 14-15—GRAPEVINE, TEXAS: Annual show; Arlington Gem and Mineral Club; Grapevine Convention Center, 1209 S Main St; Sat. 9-6, Sun. 10-4; General Admission \$10 and Kids 12 and under Free; 68th Annual Show - Free Parking - Silent Auction - Door Prizes - Raffles - Kids Area - Rolling Rock Club Meeting Sunday at 9am; contact Terri Brewen, (817) 939-1100; Email: tbrewen@sbcglobal.net; Website: www.agmc57.org/



To those who helped make this issue possible...

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