

Meeting began at 7:05 pm

- Introduction and guests:
 - Bill is here for the first time.
 - Alex
 - Greg – a new guy checking us out.
 - Matt from Everett is checking us out.
 - Paul – joined about a month ago. He came early and helped with chairs!
 - Angela has been to several of our sales and this is her first meeting. She just got back from the Tucson Rock Show.
 - Kathy – from East King County Rock Club
 - Rob and his wife are here to check it out.
 - Caleb came to see what's going on.
 - Person is the activity director at a retirement community. They are thinking of doing a rock show at their facility.
- Announcements/Reports
 - Chris Huffines introduced the membership survey. Members can fill one out today and leave it in a basket in the back.
 - Kitchen announcement – Carla James
 - If you want leftovers from the food you brought, let her know at the break.
 - Ways and Means – Linda Willemarck
 - The Jewell family gave us a very nice donation. Linda invited 5 people to come value the specimens and tell us what they are.
 - We need volunteers to move boxes of rocks to the container out back after the meeting.
 - Linda is looking for people to join the committee.
 - Linda needs volunteers to help at the Ways and Means table at the April show.
 - We are Looking for a VP.
 - We are looking for several people to join the Sparkle committee.
 - Rock of the Month – Chris Huffines
 - We need volunteers to give these presentations. We all have a passion for some type of rock or mineral. If you are willing to give a short presentation to our members, talk with Chris.
 - Juniors — Amaryah Daniels
 - Kids looked at luminescent rocks after a presentation by Michele McGraw.
 - At the April meeting they will talk about how to identify rocks.
 - At that meeting kids can bring rocks and try to identify them.

- Membership — Linda Willemarck
 - For people who are thinking of joining, if they join tonight it's \$20, but next month it will be \$30.
 - Name badges can be picked up from the back table.
- Treasurer — Bruce Samuels
 - Balance at the end of Jan was \$32,167, which is more than last month.
 - \$2103 income for January.
 - We are looking for a new treasurer for 2025.
 - We are looking for an assistant treasurer to help this year. They would work with Bruce. If you are a detail-oriented person and would like to learn more, talk with Bruce.
- Shows — Heather Martin
 - We need volunteers for the April show. At the next meeting Heather will have a signup sheet.
 - April 6-7 is the spring show. This is a new date.
- Shop Stewards — Rich Osborne, Ashley Martin, Nathan O'Brien, and Bruce Samuels
 - The Stewards show people how to use equipment. They sell grit and oil to members.
 - All saws are working now.
 - They are waiting for a grinding wheel for one CabKing.
- Open Studio — Lynz Taylor
 - 3-6 pm
 - Not first and third Wednesdays, just every other Wednesday.
 - CabKings are available to use.
 - February 28th is the next one.
- Website Editor — Mel Milnes
 - Mel is looking for someone to take over the website.
- Washington State Mineral Council – Nathan
 - Field trip to Cherry Creek coming up. Bring a pry bar and boots for wading in the creek. Probably won't be digging. Will walk through the creek. Looking for jasper.
 - They often loan equipment if you don't have any.
- Membership
 - 240 members now.
 - Members from 2023 who haven't renewed their membership by the end of February will be dropped from the membership list.
- Rock of the Month — Luminescent rocks
 - Played *Stump the Chump* with Chris being the Chump
 - Phosphorescence glows for a while after a UV light is turned off.
 - The color of the light is determined by the band gap distance between S bands and P bands in an atom.

- When these electrons move from band to band, they push a photon out and that creates the light.
- Audience favorites: for fluorescence. phosphates and yooperlites
- Some rocks glow orange, green, purple, or other color. The color depends on the band gap distance.
- Show and Tell
 - Jim Miller brought
 - Herkimer diamonds from New York. They are usually doubly terminated quartz crystals.
 - Magnetite crystals the size of sand. Gold is often found in magnetite sand.
 - A woman did a show and ask. She brought some rocks that someone gave her and is asking people to identify them.
 - A girl brought rocks that aren't fully finished. There are agates and others.
 - Kally – brought Herkimer diamonds.
 - Mike Collins brought loose Herkimer diamonds and some still in a matrix. To collect the diamonds he hit a large rock with a sledge hammer to break free the diamonds. He was told to hit rocks that have pockets in them, because the ones with pockets are where the Herkimer diamonds form.
 - Antha has a mystery rock containing copper. She would like to have it identified. It's really pretty.
 - Ashok – polished the face of a large beautiful chunk of jasper.
 - An atom with a small shell is more likely to capture energy. So short/long wavelength UV lights will light up different materials differently.
 - Rodent UV lights are not powerful enough to light up rocks well. Good UV flashlights cost about \$25 - \$35 or more.
- Silent Auction continues for 10 minutes after the meeting ends.
- Meeting ended at 8:48 pm.