

SKAGIT GEMS

Official Publication of the Skagit Rock and Gem Club
Serving Skagit County WA Since 1961

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Hey all you Cool Cats and Kittens!

Meetings and events are postponed until further notice. Please reach out to your fellow members if you need anything. Phone #s on pg. 5

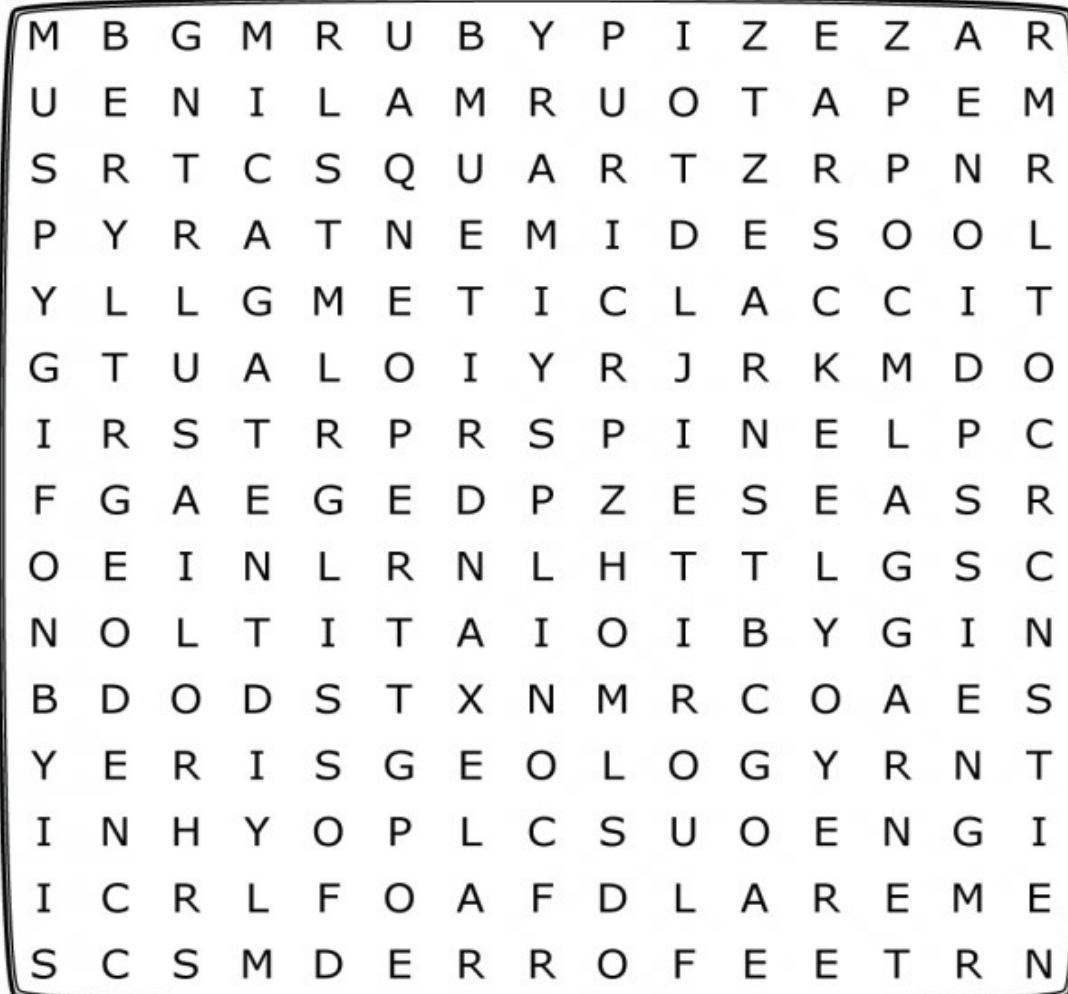
Rhodochrosite

is a manganese carbonate mineral that often forms with thin creamy white, pale pink, tan or brown stripes. The white or pink stripes are usually crystalline manganocalcite formations, although occasionally they are layers of chalcedony. Deep brown stripes are layers of a zinc-rich material known as capillite.

Rhodochrosite is often carved into figurines and tubular stalactitic forms are sliced into circles with concentric bands that are truly unique in the mineral kingdom. Fine crystals are sometimes cut into gemstones, but rhodochrosite's softness and brittleness limit it as a gemstone for everyday use. Hardness (Mohs hardness scale) 3.5 - 4



Rocks and Minerals Word Search



Agate

Alexandrite

Basalt

Beryl

Calcite

Crystal

Dolomite

Emerald

Feldspar

Fluorite

Fossil

Garnet

Geode

Geology

Gneiss

Granite

Gypsum

Igneous

Jasper

Limestone

Metamorphic

Mica

Mineral

Opal

Quartz

Rock

Ruby

Schist

Sedimentary

Spinel

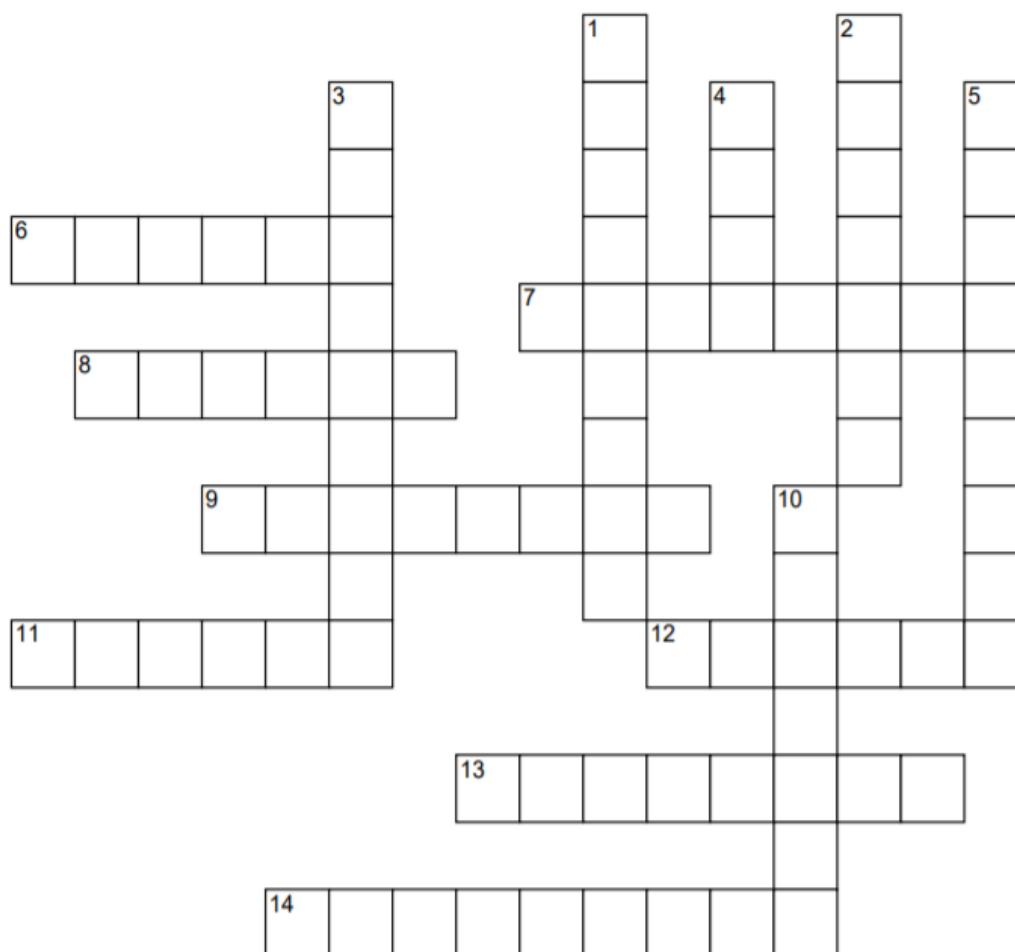
Topaz

Tourmaline

Zircon

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Common Minerals



www.rocksandminerals4u.com

ACROSS

- 6** the main source of lead
- 7** an iron ore, sometimes used in jewelry
- 8** sometimes called fool's gold
- 9** sulfide mineral, long metallic slender bladed crystals
- 11** a very heavy sulfate mineral
- 12** rock salt
- 13** calcium fluoride
- 14** a bright green copper carbonate

DOWN

- 1** a naturally magnetic rock
- 2** a bright blue copper carbonate
- 3** metamorphic quartz sandstone
- 4** a silicate mineral known for its perfect cleavage into thin sheets
- 5** strontium sulfate, its name means celestial
- 10** a common carbonate mineral, often a replacement mineral in fossils

Nick Zentner

Do you want to learn about the fascinating general geology of the Pacific Northwest?

Well, perhaps the easiest and one of the most fun ways to do that is to watch some of the many videos Nick Zentner and his film crews have made and posted on YouTube. Nick has been the host of a dizzying number of short (2 Minute Geology) to long (1+ hour free public lecture) videos covering everything PacNW



geologic from 40+ million year old continental accretion to ice-age floods, flood basalts to our awesome volcanoes, huge landslides, and even earthquakes yet to happen.

Nick is an award-winning professor of geology at Central Washington University in Ellensburg, WA. His is an ongoing crusade to bring the drama of Northwest geology to life for everyone – not just academics and die-hard rock hounds. Pacing and narrating with gee-whiz enthusiasm, Nick combines simplicity and scientific rigor, presenting his subject matter in a way that's stimulating, fun and educational to students and the general public.

*****Right now he is doing livestreams everyday on his YouTube channel. Check out the links below**

Youtube: <https://www.youtube.com/user/GeologyNick>

<https://www.youtube.com/user/hugefloods>

Ice Ace flood: <http://hugefloods.com/>

His website: <http://www.nickzentner.com/>



VISITORS ARE ALWAYS WELCOME!

Meetings are on the FIRST Saturday of the month (except for Jan, July and Dec) at 10:00 am at the Mount Vernon Community (Senior) Center
1401 Cleveland St. Mount Vernon WA 98273

- The purpose of this non-profit earth society shall be to stimulate interest in the study of geology, lapidary, and the collection of geological specimens
- We are a member of the Northwest Federation of Mineralogical Societies and the Washington State Mineral Council. We are affiliated with the American Federation of Mineralogical Societies.
- Dues are \$15.00 per year for adults and \$7.50 for those under age 16
- Visit our website: skagitrockandgem.com
- Email: skagitrockandgem@gmail.com
- Mailing address: PO BOX 244 Mt. Vernon 98273

2020 Officers

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Facilities/Field Trips- Dave Britten

Greeter-Linda Keltz

Scholarship-Noni Avery & Linda Keltz

Publicity-Frank Isca

Stamps-Virgil Keltz

Sunshine- Noni Avery

Swap-Vandenburs





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NASA's \$1 Billion Spacecraft Has Taken Mind-Bending New Photos Of Jupiter

The amazing spacecraft gets relatively close to the biggest gas giant planet of our solar system and takes new photos with its JunoCam instrument roughly every 53 days, while traveling at speeds up to 130,000 mph.

Read the full story and see more pictures here:

<https://physics-astronomyblog.blogspot.com/2019/02/nasas-1-billion-spacecraft-has-taken.html?m=1>

