

## Membership Form

Yes, I would like to become a member of the Geology Section of the Peoria Academy of Science.

Enclosed are my dues for: 20\_\_\_, paid on \_\_\_/\_\_\_/\_\_\_\_  
 \_\_\_ Family \$20 \_\_\_ Individual \$10

Names:

Last Name, First Name \_\_\_\_\_ DOB \_\_\_\_\_

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

I prefer to be contacted by:

\_\_\_ Phone \_\_\_ Text \_\_\_ Email

The above contact information to be used for official purposes like field trip and newsletter communications. By marking below, you may also consent to include contact information in a membership directory available to any Geology Section member:

\_\_\_ Address \_\_\_ Phone \_\_\_ Email

Signed: \_\_\_\_\_

Mail this completed form with your check payable to:  
 Peoria Academy of Science Geology Section  
 PO Box 10294  
 Peoria, IL 61612-0294

## Who We Are

The Geology Section of the Peoria Academy of Science is dedicated to the study of all fields of the Earth Sciences, including Geology, Mineralogy, Paleontology, Conchology, and the Lapidary Arts. Educational programs relating to some aspect of the earth sciences are presented at the monthly meetings.

Members participate in field trips to collect minerals and fossils and hold workshops to do in-depth study of specific topics. Members receive regular e-mail bulletins sharing club events and other activities/opportunities within the region.

Each year the Geology Section holds its Gem, Mineral, and Fossil Show. It is an opportunity to share our interest in the earth sciences with the general public through displays, games, and conversations. A variety of items relating to the earth sciences are sold at the show with proceeds going to support club activities.

The club supports a number of educational outreach programs supporting Peoria, Tazewell, Woodford, and surrounding counties.

We welcome new members and encourage anyone who has an interest in the earth sciences to come to our meetings, get involved in our activities, and contribute to local knowledge of the geosciences.

## Meetings

4<sup>th</sup> Tuesday of each month  
 EXCLUDING Sept. and Dec.  
 7:00 P.M. (Mar. to Oct.) or 6:00 P.M. (Nov. to Feb.)

Forest Park Nature Center  
 5809 Forest Park Drive  
 Peoria Heights, IL 61614

## 2022 Club Officers

President.....Mike Wilkins  
 Vice President.....Paul Dennis  
 Secretary.....Linda Kahila  
 Treasurer.....Matthew Hagaman

## Annual Rock, Gem, & Mineral Show

4<sup>th</sup> Saturday and Sunday of August  
 9am ~ 5pm Saturday  
 10am ~ 5pm Sunday

## Useful Tools



Goggles, Drinking water, Gloves, Sturdy shoes  
 Pick hammer  
 3# hammer  
 Assorted cold chisels  
 Newspapers for wrapping specimens  
 Small containers for specimens  
 5-gal bucket for carrying specimens  
 Pointed shovel  
 Pry bar  
 Field book for Identifying minerals

\*For those hopelessly affected: a crane and a dump truck\*

## Mohs' Scale of Hardness

Mohs Index	Mineral	Scratched by
1 (softest)	Talc	
2	Gypsum	Fingernail
3	Calcite	Copper coin
4	Fluorite	
5	Apatite	Pocket knife
6	Orthoclase	Steel file
7	Quartz	
8	Topaz	
9	Corundum	
10 (hardest)	Diamond	