

Welcome to Student Day 2018

sponsored by the Eastern Indiana Gem & Geological Society, Inc.



**START
HERE!**



We have 17 areas/activities for you and your students to explore today. Each is marked with a balloon.

*** To avoid congestion, please visit the areas in the order listed below .**

-  Activity area
-  Demonstration area
-  Discussion area
-  FREE item for students (see details)

1. Display Cases (10)

There are 10 educational displays along the left hand wall of the Kuhlman Center. There are fast facts and discussion points for each of the displays in your teacher/chaperone packet. Please take the time to discuss the displays with your students.

-  1. ___ **Fluorescent Minerals:** Patrick Pierce
* complete the activity in your activity packet
2. ___ **Agate Types:** Mike Manning
3. ___ **Midwestern Minerals:** Harris Precht
4. ___ **Petrified Wood:** Scott Gibson
5. ___ **Assorted Minerals:** Scott Gibson
6. ___ **Self-Collected Calcites:** Dave Straw
-  7. ___ **Minerals in the Home:** Lisa Morris
* complete the activity in your activity packet
8. ___ **Coprolite (Dinosaur "doo"):** Mike Manning
9. ___ **Quartz Crystal:** Judy Burton
10. ___ **Earlham Geology Trip:** Earlham

2. Fossils & Fossil Matching - Nicole Pierce

Complete the activity on your activity sheet and/or complete the fossil matching activity.

→ 3. Silversmithing demonstration - Joe Wirrig

Ask your own questions or questions from the demonstration sheet.

→ 4. Flint knapping demonstration - Ed Mosher

Ask your own questions or questions from the demonstration sheet.

→ 5. Lapidary demonstration - EIGGS members

Ask your own questions or questions from the demonstration sheet.

♥ 6. Jacqueline's Gem Trees

Each child in your group will get a free tumbled stone if your group can name three types of trees (or three gems to make gem trees from).

→ 7. Viking knit demonstration - Danny Spurgeon

Ask your own questions or questions from the demonstration sheet.

♥ 8. Pretty Things

Stop here and the owner will give each child in your group a free piece of flint if they can tell her one thing flint was used for. (Native Americans used flint for tools like arrowheads and scrapers.)

9. Rock cycle - EIGGS members

Complete the activity on your activity sheet

10. Moh's hardness testing - EIGGS members

Complete the activity on your activity sheet

11. Sink or Float - Patrick Pierce

Complete the activity on your activity sheet

12. Crystal Structure - Reagan Pierce

Complete the activity on your activity sheet

♥ 13. TECD Trading Company

If your group can name three types of dinosaurs, each child in your group will get a free piece of horn coral.

♥ 14. Lavin's Gems & Jewelry

If your group can name four gemstones, then each child in your group will receive a free piece of fluorite.

♥ 15. Blue Shed Beads

Stop here and have your group tell the owner four materials beads could be made out of. Each child in your group will receive a free bead.

→ 16. Wire-wrapping demonstration - Judy Burton

Ask your own questions or questions from the demonstration sheet

♥ 17. Bead-wrapping demonstration - Mona Jones

If you have time, Mona Jones will wrap one bead per group.

Other Suggested Activities

- ___ complete the scavenger hunt questions on your activity sheet
- ___ look for fossils and ask vendors about them
- ___ look for a variety of crystal structures
- ___ how many colors of minerals can you find?
- ___ ask if vendors can show you any fluorescent minerals
- ___ look for minerals & fossils from Indiana
- ___ how many countries can you find minerals from?
- ___ how many states can you find minerals from?
- ___ name the minerals you find that are from Indiana
- ___ name fossils you find that are from Indiana
- ___ what is the most valuable mineral you saw?
- ___ what mineral is from the farthest place? where?