

## WHO WE ARE

CoreKids provides free opportunities for K-12 students and teachers to become engaged in Earth science explorations.

Using resources from the Michigan Geological Repository for Research and Education (MGRRE) at Western Michigan University's Department of Geosciences, CoreKids strives to increase awareness and understanding of Earth, its processes and its natural resources.

After a visit from CoreKids, and the opportunity to handle rocks from under Michigan that are millions of years old, students and their teachers will be able to:

- explain why there are fossilized corals deep under Michigan,
- formulate ideas about the unique structure of the rock layers under their feet,
- discover ideas for storing carbon dioxide underground,
- and much more...



## HOW TO REACH US

**WMU-MGRRE/CoreKids**  
**Department of Geosciences**  
**1903 W. Michigan Ave. MS 5241**  
**Kalamazoo, MI 49006-5241**  
**(269) 387-8642**

Visit our website at: [www.wmich.edu/corekids](http://www.wmich.edu/corekids)

To arrange for a visit to our lab, or to have a WMU-MGRRE scientist visit your classroom, contact:

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With generous support from:



**K-12**  
**OUTREACH PROGRAM**

*MICHIGAN*  
*GEOLOGICAL*  
*REPOSITORY FOR*  
*RESEARCH AND*  
*EDUCATION*

**Department of Geosciences**  
**College of Arts and Sciences**  
**Western Michigan University**

**Earth is ancient...**

**Earth is constantly  
changing...**

**Earth is rich in natural  
resources...**

**Earth impacts us, and we  
impact Earth...**

**CoreKids can help you to bring these  
concepts alive for your students with  
rock samples and data taken from deep  
within the earth through:**

- **SCHOOL VISITS**
- **FIELD TRIPS TO THE LAB**
- **TEACHER WORKSHOPS**
- **INTERNSHIPS FOR HIGH SCHOOL STUDENTS**



### **What teachers are saying...**

“Your hands-on/minds-on approach helped bring learning science to life...appreciated how the topics aligned with our GLCE.”

*Mattawan Middle School,  
Mattawan, MI; Grade 6.*

“The kids thought it was the best of the year!!”

*Northwestern Middle School,  
Battle Creek, MI; Grades 7-8.*

“We found it rewarding to see the children share what they learned with other classmates...your outreach program is truly an asset to our school system.”

*Plainwell Schools, Plainwell, MI;  
3<sup>rd</sup> Grade Visions Program.*



*“Lifelong scientific literacy begins with attitudes  
and values established in the earliest years.”*

--National Research Council

## ***LEARN...***

...how the land that is now Michigan was once a tropical marine environment.

...how underground porous rock formations are used to store the natural gas we need for heating our homes.

...how scientists are injecting carbon dioxide deep within the earth to reduce atmospheric greenhouse gases.

...about oil and gas exploration in Michigan.

...how scientists find and manage groundwater.

...how understanding underground rock formations can protect our water supply from contamination.

...how scientists are working to preserve Michigan’s coastlines.

...about the ever-rising demand for Earth scientists in the job market.

