

Threshold Learning Center's
**SCIENCE & PROFESSIONAL DEVELOPMENT
WORKSHOP**

**Obtain college credit and classroom activities in Astronomy, Geology,
and Ecology while discovering the excitement of residential outdoor
education as a resource for your students.**

The curriculum was written and researched by a veteran classroom science teacher of 30 years and a naturalist with 20 years of experience in bringing environmental programs into schools. Learn hands-on methods in teaching Astronomy, Geology, Ecology and Environmental Ethics with practical activities for the classroom. Begin research that your class can study for years to come through statewide and national on-line programs. You will be able to do the activities that are taught at Threshold Learning Center's *Field Schools for Youth* for students ages 9-14, making you more comfortable to bring your students to our facility for programs. You can share and discuss extensions of every activity with other educators and with the instructor. Located just 30 minutes from Ames or Marshalltown and an hour from Des Moines, you have the option to return home each night after classes are finished, or stay with us at the site.

Cost is \$120/person. Fees include meals, board and instruction. (\$90 with no board)

Up to two hours of credit are available from Drake University for an additional \$90/credit hour.

Highlights

- Learn how to make your own planetarium and show your students a true scale model of the universe.
- Collect samples of rock, mineral and fossil for your classroom.
- Learn ways to help your students enjoy, understand and care for the world around them.
- Find ways to meet the *No Child Left Behind* standards while continuing to stimulate a child's own curiosity and sense of wonder.
- Earn college credit if desired.

This workshop is open to educators needing to earn college credit or anyone interested in science, being outdoors or working with youth! More details are available. Call 641-487-7455 or visit us at:

www.thresholdlearningcenter.org

Itinerary

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|---------|---------|--------------------------------------|
| June 15 | 10:00am | Registration |
| | 10:30 | Introductions |
| | 11:00 | Daytime Astronomy |
| | Noon | Lunch |
| | 1:00pm | Solar System & Moon/Earth/Sun Models |
| | 3:30 | Micrometeorites |
| | 5:30 | Dinner |
| | 7:00pm | Building a Planetarium |
| | 9:00 | Night Astronomy |
| June 16 | 8:00am | Breakfast |
| | 8:30 | Leave for Rockford |
| | 10:00 | Geology & Fossil Hunting |
| | Noon | Sack lunch & Return Home |
| | 2:00pm | Classification & Microfossils |
| | 4:00 | Core Sampling |
| | 5:30 | Dinner |
| | 7:00pm | Stream Tables |
| | 9:00 | Astronomy or Night Hike |
| June 17 | 8:00am | Breakfast |
| | 9:00 | Hike |
| | 10:30 | Tree Climbing |
| | Noon | Lunch & Good-bye |

Registration Form

Complete this form and mail with payment (\$120) to:

Threshold Learning Center

P. O. Box 36

Zearing, IA 50278

Name

E-mail

Name of School/Organization

Address

City

State

Zip

Phone Number

(day)

(eve.)

Check all that apply:

_____ I'm interested in bringing my class to your outdoor facility.

_____ I'm interested in obtaining college credits for this program (up to 2 hrs.)

_____ I'm only interested in gaining Staff/Professional Development Credit (up to 3 credit hrs.)

Call 641-487-7455 or e-mail gretta@thresholdlearningcenter.org
with registration questions.