



711 N Main St. Rockford, IL  
www.DiscoveryCenterMuseum.org

# Summer Teacher Workshops 2017

All sessions held at Discovery Center. Fees due at registration. Graduate credit registration and additional \$115 / \$215 fee due first day of class.

**To register, call 815-972-2842 or fill out the form below and send it in with your check.**

## Astronomy Explorations: Solar Eclipse!

June 7 or June 8 or June 27 or June 28; 8:00 am to 1:00 pm  
Grade Level K-12 Cost: \$30 5 PDCs

**New this summer!**

Study the motion of sun and moon, learn about light, and use techniques appropriate for your classroom to prep your students for the All-American solar eclipse that occurs on August 21. Workshop topics include patterns in the sky, mathematics, the nature of light, and sun-moon-earth relationships. Participants receive materials to complete these activities with their class.

## STEM for Elementary School Teachers

June 13-14 & 20-21; 8:00 am to 3:30 pm Grade Level 2-6 Cost: \$95  
26 PDCs or 2 hours Graduate Credit (Aurora University # OEDP 5190)

Discover the joy of science, technology, engineering and math in this lively workshop. Topics include simple machines, light and sound, electricity and magnetism, and more! Get the materials, knowledge, and confidence you need to bring hands-on STEM learning to your students!

*This was an area that I knew little about making it difficult for me to teach this content. I learned a ton in just 4 days & have started to look at the world through the eyes of a scientist. I recommend this course to other teachers.*

*Love, love, love. Presentations were wonderful. Love all the activities & items to take back to the classroom.*

## Properties of Matter for Elementary Teachers

July 10-12; 8:00 am to 12:30 pm Grade Level 2-6 Cost: \$65  
13 PDCs or 1 hour Graduate Credit (Aurora University # OEDC 5318)

Get your hands on amazing substances and investigate properties of solids, liquids, and gases. Construct models of molecules, and measure volume, mass, and density without fancy equipment! Observe chemical reactions, explore interactions of matter and energy, and examine current applications of nanotechnology.

## STARLAB Basics: Mechanics

July 13; 8:15 am to 11:30 am Grade Level preK-12 Cost: \$20 3 PDCs

StarLab is an inflatable portable planetarium system. This training will cover the set-up and take-down of the planetarium dome, mechanics of the projection system, equipment maintenance, StarLab resources, planet positions, moon phases, and overview of the night sky. This training is required before renting the StarLab from Discovery Center.

## Weather for Teachers Grades 1-8

July 25, 26 & August 1, 2; 8:00 am to 3:30 pm Grade Level 1-8 Cost: \$95  
26 PDCs or 2 hours Graduate Credit (Aurora University # OEDP 5188)

Investigate weather from using hands-on methods and readily available materials. Construct homemade weather tools, learn to read the sky, and look for weather on other planets. Uncover the roles played by sun, wind, and water and make the connection that links these to the smallest breeze or the largest storm. Explore literary and language arts ties to weather science, find the right Internet resources for your class, and become climate-change savvy.

*Very active & enthusiastic instructor! Loved the hands on activities & take home projects!*

## TEACHER WORKSHOP REGISTRATION

Advance registration and advance payment are required. Registration closes one week prior to workshop. Confirmation will be sent by mail or email upon receipt of payment. All sessions are held at Discovery Center Museum, Rockford, IL.

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Name \_\_\_\_\_ Phone \_\_\_\_\_  
 Address \_\_\_\_\_ (eve) \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_ (cell) \_\_\_\_\_  
 Email \_\_\_\_\_  
 School \_\_\_\_\_ grade/subject \_\_\_\_\_

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### YES! SIGN ME UP!

- \$30 Astronomy Explorations: Solar Eclipse check which date:  
 June 7     June 8     June 27     June 28
- \$95 STEM For Elementary Teachers    June 13, 14, 20, & 21
- \$65 Properties of Matter for Elementary Teachers    July 10-12
- \$20 StarLab Basics: Mechanics    July 13
- \$95 Weather for Teachers Grades 1-8    July 25, 26, August 1 & 2

Total Due:  Additional fee for graduate credit: \$115 / \$215 payable to KIDS first day of class.

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Mail this completed form with your payment to

Or Call Corinne    815-972-2842  
 CorinneS@DiscoveryCenterMuseum.org

**Discovery Center Museum**  
**Attn: Teacher Workshops**  
**711 North Main**  
**Rockford, IL 61103**

Make checks payable to Discovery Center –or– pay by Credit Card:    V    MC    Disc

Card # \_\_\_\_\_ Exp \_\_\_\_\_ amount \$ \_\_\_\_\_

Signature \_\_\_\_\_ Discovery Center does not keep credit card information on file.