



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

# Summer Teacher Workshops 2018

All sessions held at Discovery Center.  
Fees due at registration.

To register, call 815-972-2842 or fill out the form below and send it in with your check, or register online at [www.discoverycentermuseum.org](http://www.discoverycentermuseum.org).

## Properties of Matter

June 12-14; 8:00 am to 12:30 pm Grade Level 2-6 Cost: \$65  
13 PDCs or 1 hour Graduate Credit

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.

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

## STEM 1: Energy Everywhere

June 19-21; 8:00 am to 12:30 pm Grade Level 2-6 Cost: \$65  
13 PDCs or 1 hours Graduate Credit\*

Science principals make sense with this hands-on approach that promotes knowing by doing. Topics include electricity and magnetism, light and sound, potential and kinetic energy. 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 & have started to look at the world through the eyes of a scientist. I recommend this course to other teachers.*

## STEM 2: Make it Move

June 26-28; 8:00 am to 12:30 pm Grade Level 2-6 Cost: \$65  
13 PDCs or 1 hours Graduate Credit\*

Discover the joy of science, technology, engineering and math in this lively workshop. Topics include simple machines, forces, motion, and matter - energy interactions. Get the materials, knowledge, and confidence you need to bring hands-on STEM learning to your students!

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

## STEM 3: Wild About Weather

July 10-12; 8:00 am to 12:30 pm Grade Level 1-8 Cost: \$65  
13 PDCs or 1 hour Graduate Credit\*

Investigate weather using hands-on methods and readily available materials. Construct homemade weather tools, learn to read the sky, and discover weather on other planets. Uncover the roles played by sun, air, and water, and find the link between the smallest breeze and 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.

## STEM 4: Planets, Moons, and Stars

July 24-26; 8:00 am to 12:30 pm Grade Level 2-6 Cost: \$65  
13 PDCs or 1 hour Graduate Credit\*

Use daytime techniques to learn about the night sky. Build and use astronomy tools to study stars, and find out how we know what we know about the universe. Topics include stellar evolution, planets, constellations, sun, star maps, moon, telescopes, tools of the trade, space exploration and resources. Plus, we supply materials for you to repeat these activities with your class.

\*Graduate credit may be available, still being negotiated;  
Additional graduate fees will be due 1<sup>st</sup> day of class. Updates to follow.

## 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!

- \$65 Properties of Matter June 12-14
- \$65 STEM 1: Energy Everywhere June 19-21
- \$65 STEM 2: Make it Move June 26-28
- \$65 STEM 3: Wild About Weather July 10-12
- \$65 STEM 4: Planets, Moons, and Stars July 24-26

Total Due:

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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.

**Register online @DiscoveryCenterMuseum.org**