

# Next Generation Science Standards Workshop

## Designed for Elementary School Teachers

Content based on NGSS, K-12 Science Frameworks, and the NJCCCS.

- Topics will be divided by DCI's Disciplinary core Ideas (Life-Earth-Physical Sciences); Crosscutting Concepts; and Science and Engineering Practices.
- Teachers will participate in a 4 day workshop to familiarize themselves with specific science content and pedagogy, especially Next Generation Science Standards.
- We will provide model activities from our current programs, clearly demonstrating the integration of the standards and the Common Core for Math and Language Arts.
- Teachers will use web-based materials and resources to design a grade-appropriate science lesson. This product will correlate to their district Science curriculum, and integrate the new standards.
- Teachers will have the opportunity to network with one another and share lesson plans.

Time may be arranged as follows:

Part I—

1. Introduction to the NGSS.
2. History of the planning and research involved in the writing of the document.
3. Discuss the vocabulary of the document: Performance Expectations, Science and Engineering Practices, Disciplinary Core Ideas and Crosscutting Concepts.
4. Demonstrate how to use the document in preparing district curriculum correlations and classroom lesson plans.

Part II—

Present sample lessons which include all elements of the above.

Choose from two great locations!

### **Meadowlands Environment Center (MEC)**

June 27th—30th (grades 1st-3rd)

August 1st—4th (grades 4th-5th)

**COST:** \$400 per teacher

**TIME:** 9am—3pm

**TO APPLY, EMAIL:**

Dr. Angela Cristini

[acristin@ramapo.edu](mailto:acristin@ramapo.edu)

or

Dr. Victoria Madden

[victoria.madden@njmeadowlands.gov](mailto:victoria.madden@njmeadowlands.gov)

### **The New Weis Center (NWC)**

July 5th—8th (grades 4th-5th)

August 8th—11th (grades 1st-3rd)

Earn 20 Hours of Professional Development Credits

**DEADLINE: JUNE 1ST**

MEC • 2 DEKORTE PARK PLAZA • LYNTHURST • NEW JERSEY • 07071

NWC • 150 SNAKE DEN ROAD • RINGWOOD • NEW JERSEY • 07456

