

NEW YORK ECLIPSE

ENHANCING COLLABORATIVE LEADERSHIP
FOR IMPROVED PERFORMANCE IN
SCIENCE EDUCATION

Science Curriculum Showcase



MARCH 21, 2007
7:00 A.M.—4:00 P.M.
CROWNE PLAZA ALBANY
STATE AND LODGE STREETS
ALBANY, NEW YORK



University of the State of New York
State Education Department

National Science Resources Center

THE NATIONAL ACADEMIES  Smithsonian Institution

NEW YORK ECLIPSE

Science Curriculum Showcase

The New York State Education Department (NYSED), in partnership with the National Science Resources Center (NSRC), is implementing a science education systemic change initiative that will build leadership within New York State school districts. This initiative will provide research-based products and services to assist New York State school districts in initiating, implementing, and sustaining effective inquiry-centered pre-kindergarten through grade twelve science programs for all students.

What Is the Curriculum Showcase?

The New York ECLIPSE Science Curriculum Showcase is the second in a series of four coordinated events for New York ECLIPSE leadership teams.

This event is a one-day conference of interactive workshops and discussions on PreK–12 science instructional materials. The curricula showcased have been subjected to a thorough research and development process, and the instructional practices and assessment methods are consistent with the goals of research-based science programming. Master teachers who have used these materials in their own classrooms will lead the workshops.

The showcase will address these questions:

| Focus Question | Workshop Opportunity |
|---|--|
| <i>What does exemplary inquiry-centered science curriculum look like?</i> | Leadership teams will participate in inquiry-centered workshops that demonstrate research-based instructional materials. |
| <i>How are science curricula evaluated?</i> | Leadership teams will be introduced to a curriculum evaluation process that can be used in reviewing curriculum and instructional materials. |
| <i>What does the district's science education system look like today?</i> <i>How should it look in the future?</i> | Discussions related to the status of science education within the leadership team's district and the vision for the future will continue. |

When?

March 21, 2007
Breakfast: 7–7:45 a.m.
Program: 7:45 a.m.–4 p.m.

Where?

Crowne Plaza Albany
State and Lodge Streets
Albany, New York



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The New York ECLIPSE Science Curriculum Showcase is the second in a series of four coordinated events for leadership teams. These events are guiding the leadership teams through a research-based approach to learning and teaching science.

- October 25–26, 2006** **New York ECLIPSE Leadership Conference: Building Awareness with Key Leaders and Stakeholders**
The leadership teams were introduced to a new vision for science learning and teaching, and to the necessary systemic and systematic approaches to support this vision.
- March 21, 2007** **New York ECLIPSE Science Curriculum Showcase**
Leadership teams will learn about exemplary, research-based science curricula.
- June 25–29, 2007** **New York ECLIPSE Strategic Planning Institute**
Leadership teams will develop a tailored strategic plan for initiating, implementing, and sustaining effective PreK–12 science education for the leadership team's district.
- October 24–25, 2007** **New York ECLIPSE Leadership Conference: Building Capacity with Key Leaders and Stakeholders**
Leadership teams will revisit the strategic plan and learn more about how to sustain a renewed PreK–12 science education system.

Agenda

- 7:00 Registration and Continental Breakfast
- 7:45 Welcome Back—Anne Schiano, *Assistant Director, Curriculum, Instruction and Instructional Technology, NYSED*
- 8:00 Opening Remarks—The Honorable James C. Dawson, *New York State Board of Regents*
- 8:10 Day at a Glance—Will Jaacks, *Associate in Science Education, NYSED*
- 8:20 Research to Support Curriculum Selection—Carol O'Donnell, *Senior Research Associate/Project Director, George Washington University*
- 9:15 NYSED “Toolkit” for Curriculum Evaluation—Ann Crotty and Will Jaacks, *Associates in Science Education, NYSED*
- 9:45 Break
- 10:00 Curriculum Breakout—Session 1
- 11:20 Curriculum Breakout—Session 2
- 12:30 Lunch
- 1:20 Curriculum Breakout—Session 3
- 2:30 Break
- 2:45 Leadership Team Discussion Time
- 3:45 Closing Remarks—Ann Crotty and Will Jaacks, *Associates in Science Education, NYSED*
- 4:00 Adjourn

The New York State Education Department provides leadership for a system that yields the best-educated people in the world by raising the knowledge, skill, and opportunity of all the people in New York. **The New York State Science Initiative**, <http://www.emsc.nysed.gov/ciai/mst/sciinit.doc>, seeks to create a statewide learning community to support student achievement of the learning standards in science, leading to a scientifically literate population. The vision of the State's Science Initiative is to ensure learning in science for all PreK–12 students by providing equitable access to exemplary teachers, inquiry-centered curriculum and instruction, standards-based assessments, and a wealth of resources and community support.

New York State Education Department—<http://www.nysed.gov>

Office of Elementary, Middle, Secondary and Continuing Education—<http://www.emsc.nysed.gov>

Office of Curriculum and Instructional Support—<http://www.emsc.nysed.gov/cis/>

Curriculum, Instruction and Instructional Technology—<http://www.emsc.nysed.gov/ciai/>

Science Curriculum Homepage—<http://www.emsc.nysed.gov/ciai/mst/sci.html>

New York ECLIPSE Homepage—<http://www.emsc.nysed.gov/ciai/mst/NYEclipse/EclipseHome.html>

New York State Education Department Virtual Learning System—<http://www.nysvls.org>

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The National Science Resources Center was established in 1985 by the **Smithsonian Institution** and the **National Academies** to improve the learning and teaching of science for all children in the United States and throughout the world. The prestige and credibility of these two world-renowned institutions provide the NSRC with access to research, scientific expertise, and resources to inform our work, as well as an opportunity to engage and catalyze educators, business people, and scientists in all aspects of science education reform.



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