2004 K-8 Science and Literacy Integration Institute

4TH Annual SLIP Institute
For Rhode Island K-8 Teachers and Administrators

July 26-30, 2004 • November 29, 2004
May 7th Leadership Conference for Principals and School Team Leaders

"My outlook has changed, for I always looked at science as being an isolated subject." -2003 Participant

SLIP 2004 Institute:
Develop a number of strategies to teach inquiry science and literacy skills through the use of scientists' notebooks.

- provide useful feedback to students on science information writing
- science vocabulary development
- accountable science talk
- integrating curriculum and aligning assessment and standards

Learn about the success of inquiry science and scientists' notebook methods of El Centro Schools.
El Centro, CA School District raised the level of writing proficiency for K-6 students (high per cent of limited English proficient) from 23% to 90% in three years through an integrated, inquiry-centered science program similar to KITES and GEMS-NET.

No Cost to Participants
Graduate Credit $125.00 (Optional)

Science and Literacy Integration Project
Improving Inquiry Science and Literacy For All Rhode Island Students

Dr. Greg Kniseley, Project Director

Funded by RI Office of Higher Education Partnership
Grant and Eisenhower Regional Alliance @ TERC

Supported by Rhode Island College, East Bay
Educational Collaborative, and Partnering Districts

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Using scientists' notebooks to construct knowledge and improve writing.

Participate in an exciting professional development strategy called lesson study. Lesson study fosters collaborative school groups to

- improve the use of science notebooks at your school
- focus on student thinking in inquiry science
- improve student achievement in inquiry science and literacy
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FUNDING AND SUPPORT
Funded by RI Office of Higher Education Partnership Grant and Eisenhower Regional Alliance @ TERC
Supported by Rhode Island College, East Bay Educational Collaborative and Partnering Districts

INSTITUTE FACULTY AND PERSONNEL
Faculty:  
   Andre Andette, Standards Coordinator, Pawtucket  
   Christine DeCosta, Writing Specialist, EBEC  
   Ron DeFronzo, Science Specialist, EBEC  
   Henry DeVona, K-5 Science Coordinator, Johnston  
   Maria Lawrence, Assistant Professor, RIC  
   Jerry Melaragno, Professor, RIC  
   Jeff Soares, HELMSS Coordinator, EBEC  
   Suzanne Williams, Adjunct Faculty, Brown University MAT Program

Consultants:  
   Michael Klentschy, Superintendent, El Centro Schools  
   Elizabeth Molina De La Torre, PD Specialist, El Centro Schools  
   Marcie Thompson, PD Specialist, Caltech  
   Joyce Tugel, Science PD Specialist, Regional Alliance @ TERC

Project Director: Greg Kusielew, Rhode Island College, Professor  
Project Evaluator: Josef Gorres, Senior Scientist, URI
Project Assistant: Erika Tuttle, Rhode Island College

Web Design/Publications: Andrew Carvalho

Advisors:  
   Anita Hennessy, Operations Manager, EBEC Materials Resource Center  
   Ron Kuhn, Consultant, EBEC  
   Jerry Kowalczyk, Executive Director, EBEC  
   John Niska, Assistant Professor, RIC  
   James Magyar, Professor, RIC

CALENDAR
April 7     Applications are due  
April 26    Letters of acceptance/declination are mailed  
May 7      Leadership Conference for Faculty, Principals and Team Leaders, RIC  
July 26-30 Summer Institute 8-4 p.m., RIC  
Sept-Nov   Lesson Study Process  
Nov 29     Institute Follow-up 4-8 p.m., RIC

LEADERSHIP CONFERENCE
- For school team leaders, principals and faculty  
- Learn about the project, integrating inquiry science through use of scientists notebooks and school team lesson study process  
- Cost of substitute for school team leader is a district/school expense  
- Place: Rhode Island College

SUMMER INSTITUTE AND FOLLOW-UP
- For school teams of K-8 teachers and administrators  
- School team applications required  
- No cost to participants  
- Cost of substitute for school team members during fall site-based lesson study process is a district/school expense  
- $125 for 3 graduate credits ELED 580 course (optional to teachers and administrators)

During the 44-hour institute learn about scientists’ notebooks, choose from a menu of science kit/notebook workshops, and engage in school team planning needed for 6-8 hours of lesson study during the fall. The institute builds understanding and skills in the following areas:

- planning standards-based integrated curriculum  
- applying habits of mind and thinking skills that readers/writers share with scientists  
- strategies and resources for integrating science and literacy  
- assessing student learning  
- collaborative process for site-based lesson study  

Workshops are conducted by Institute faculty and other science, literacy, and lesson study specialists.

APPLICATION PROCESS
- Project leaders will select 15 school teams (each team consists of 1 principal and 3-5 teachers) to participate in the Institute. All Rhode Island K-8 regular classroom, ESL, LEP, bi-lingual, special education teachers and building administrators are encouraged to apply.  
- Special consideration given to school team applications classified by RI Department of Education as “In Need of Improvement.”
- Applications are due April 7, 2004.  
- Announcements of approval / declination are mailed April 26.
Part I: Team Member Information (3-5 teachers required)

Teacher 1: School Team Leader
First/Last Name:____________________________________________________________________________________
Position (Grade Level, Regular Classroom, Specialist-indicate specialty, Other)_______________________________________________
Home Mailing Address: Street/PO Box___________________________________________________________________________
City________________________________State___________Zip_______________________
Home Phone (        ) -___________________E-mail (please print-put slashes through zeros):______________________________
I am committed to the goals of the institute and both school team member and team leader responsibilities listed on p. 2.
________________________________________________________________
Date:_______________
School Team Leader’s Signature

Teacher 2:
First/Last Name:____________________________________________________________________________________
Position (Grade Level, Regular Classroom, Specialist-indicate specialty, Other)_______________________________________________
Home Mailing Address: Street/PO Box___________________________________________________________________________
City________________________________State___________Zip_______________________
Home Phone (        ) -___________________E-mail (please print-put slashes through zeros):______________________________
I am committed to the goals of the institute and team member responsibilities.
________________________________________________________________
Date:_______________
Teacher 2 Signature

Teacher 3:
First/Last Name:____________________________________________________________________________________
Position (Grade Level, Regular Classroom, Specialist-indicate specialty, Other)_______________________________________________
Home Mailing Address: Street/PO Box___________________________________________________________________________
City________________________________State___________Zip_______________________
Home Phone (        ) -___________________E-mail (please print-put slashes through zeros):______________________________
I am committed to the goals of the institute and team member responsibilities.
________________________________________________________________
Date:_______________
Teacher 3 Signature

Teacher 4 (optional):
First/Last Name:____________________________________________________________________________________
Position (Grade Level, Regular Classroom, Specialist-indicate specialty, Other)_______________________________________________
Home Mailing Address: Street/PO Box___________________________________________________________________________
City________________________________State___________Zip_______________________
Home Phone (        ) -___________________E-mail (please print-put slashes through zeros):______________________________
I am committed to the goals of the institute and team member responsibilities.
________________________________________________________________
Date:_______________
Teacher 4 Signature

Teacher 5 (optional):
First/Last Name:____________________________________________________________________________________
Position (Grade Level, Regular Classroom, Specialist-indicate specialty, Other)_______________________________________________
Home Mailing Address: Street/PO Box___________________________________________________________________________
City________________________________State___________Zip_______________________
Home Phone (        ) -___________________E-mail (please print-put slashes through zeros):______________________________
I am committed to the goals of the institute and team member responsibilities.
________________________________________________________________
Date:_______________
Teacher 5 Signature
Part II: School/Principal Information, Brief Response To Questions, Endorsement

A culture of collaboration among team members is essential to the success of the lesson study process. The principal needs to:

- support the release of all team members for planning, observing, and reflecting on two lessons during the fall lesson study (approximately 6-8 hours per teacher);
- participate in daily planning during the July 26-30 institute (8 hours); fall lesson study process (8 hours), and November 29th follow-up (4 hours); and
- attend the May 7th leadership conference with the teacher that serves as school team leader.

A. School/Principal Information

School_______________________________________________School District________________________________

Principal’s First/Last Name:__________________________________________________________________________

School Mailing Address: Street/PO Box_________________________________________________________________

City________________________________State___________Zip_____________________________

School Phone: (         ) -__________________________School Fax: (         ) -___________________________________

Principal’s Home Mailing Address: Street/PO Box_________________________________________________________

City________________________________State___________Zip_____________________________

Principal’s Home Phone: (         ) -_____________E-mail (please print—put slashes through zeros)___________________

B. Brief Response to Questions

1) Please check the boxes below to indicate the current RI Department of Education School Classification and Performance Levels for your school.

School Classification:

☐ In Need of Improvement ☐ Improving ☐ Sustaining ☐ Title I

Performance Level:

☐ Making Insufficient Progress ☐ Making Progress ☐ Moderately Performing ☐ High Performing

2) Team applicants are expected to implement inquiry science with the use of scientists’ notebooks or support the implementation (as a specialist or English/language arts teacher) in the early fall 2004. Please check the box that best identifies the instructional materials that supports inquiry science by team applicants.

☐ Insights (EDC) ☐ FOSS (LHS) ☐ STC (NSRC) ☐ Teacher-Developed Units

☐ Scientists notebooks ☐ FOSS (Middle School) ☐ STC/MS ☐ Other (specify):

3) How will the 2004 SLIP professional development help your school improve its performance?

_________________________________________________________________________________________

_________________________________________________________________________________________

_________________________________________________________________________________________

4) Please provide information about your team members' role in developing or implementing inquiry science in the fall 2004. School teams can consist of 3-5 teachers and the principal.

<table>
<thead>
<tr>
<th>Team Applicant Name</th>
<th>Role in Implementing Inquiry Science</th>
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<tbody>
<tr>
<td>Teacher 1 - Team Leader:</td>
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<td>Teacher 5:</td>
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<td>Principal:</td>
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C. Endorsement and Support by Principal I endorse this team's application. I understand my role and responsibilities as both principal and school team member described at the top of the page 2. I commit to the following: attend May 7th Leadership conference and November 29th follow-up; attend daily school team planning during summer institute (8 hours); facilitate the fall lesson study process and arrange for the release of teachers during the site-based lesson study. I understand that the cost of science materials and substitutes needed to release teachers for the lesson study process is a district/school expense.

____________________________________________________________________________________________ Date: _____________________________________

Principal’s Signature

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