

Community Resources for Science

practical support for great science teaching

1375 Ada Street, Berkeley, CA 94702 • (510) 527-5212 • www.crscience.org



Community in the Classroom *Scientist Teacher Partnership Project Description 2007-08*

In school year 2007-08, Community Resources for Science will implement a project designed to provide in-depth science role modeling for elementary teachers and students in CRS member schools in Berkeley. In this project, pairs of scientists will be matched with grade-level teams of teachers to develop and produce a science unit that will include 2 -3 scientist-taught lessons that are standards-based, hands-on, and support connections between classroom curriculum and “real-world” science. Graduate students and classroom teachers will share the responsibilities of focusing the topic selected by the teachers, identifying appropriate activities, locating materials, scheduling and co-teaching the unit. CRS staff will lead a kick-off workshop in fall 2007 and a de-briefing meeting for all participants at the close of the project.

Project Outcomes:

- *Scientists, teachers and elementary students* working together to explore new science learning experiences
- *Teachers* learning about science content and integrating new hands-on activities into classroom curriculum
- *Elementary students* gaining inspiration and insight into science education and career paths
- *Scientists* gaining direct experience with planning and teaching science lessons related to lab research
- *A model for implementation* in more schools in future years

Participant Commitment (Teachers and Volunteers): approximately 20 - 30 hours during school year 2006-07, including

- 2 workshops with CRS and teachers – 2 hours each (probably on Wednesday afternoons)
- Unit planning – at least one meeting per scientist teaching session – 4 to 8 hours as determined by team
- Classroom teaching – at least 12 hours (during the school day)
- Individual planning – as needed
- Participation in project documentation/evaluation

Volunteer Prerequisites:

- Experience in classroom volunteering through Community in the Classroom (or comparable prior experience approved by CRS staff)
- Interest in teaching/communicating scientific concepts to science learners

Compensation

- For teachers: supply budget of \$200 per grade level
- For scientist volunteers: stipend of \$250

Please see reverse for more details about project elements and partner commitments.

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Scientist-Teacher Partnership Project – School Year 2007-08 Application and Matching Form

Teachers and scientist volunteers: Please apply as a team of up to three individuals. 4th and 5th grade teachers: Your team **MUST** include your Science Resource Teacher. CRS will match volunteer teams with teacher teams according to content and schedule preferences. Please note that a limited number of partnerships are available; application to the STP Program does not guarantee you will be matched with partners this school year!

1. Names of Team Members

| | | |
|-------------|-------------|-------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| phone/email | phone/email | phone/email |

Teachers: School: _____ Grade: _____

Volunteers: Department and Lab or Employer: _____

2. Briefly, what interests you *most* about participating in this collaboration?

3. Team's Preferred Science Strand/Focus *check any/all you'd be willing to collaborate on*

Earth Science Physical Science Life Science

Please add content notes if your team is interested in a specific content focus!

4. Team's Preferred Collaboration Timing

Fall (October – December) Winter (January – March) Spring (April – June)
 No preference

5. Team's Meeting Availability *Please check/circle all times your whole team prefers to meet. Please also note times that your team will be absolutely unavailable*

Preference: After School Evenings Weekends Other (daytime)
 M T W Th F M T W Th F Sat Sun Specify: _____

CANNOT meet: After School Evenings Weekends
 M T W Th F M T W Th F Sat Sun

Please mail or email your completed form by **September 21, 2007** to:

Anne Jennings annej@crscience.org CRS 1375 Ada Street, Berkeley, CA 94702