

OUR GOAL

Science QUEST is a content rich program for elementary and middle school teachers. The goal of the program is to give teachers the opportunity to rediscover the wonder of science while exercising problem solving skills in a supportive environment. Science QUEST is where teachers create a community of learners and the learning encourages deep thinking, exploration and analysis.



FOR MORE INFORMATION CONTACT:

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Additional information about Science Quest is
available on the Alpha Center website at
www.alphacenter.ucr.edu

Science QUEST

Queries to Understanding Excellence in Science Teaching



ALPHA Center
University of California, Riverside

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PROGRAM

Science QUEST is a weeklong, half day program with low teacher to student ratios.

Teachers will be provided with items which complement the day's program. Examples include water bottles, lanyards, rockets, t-shirts, pendulums, lab books, journals, earthworms, etc. Snacks will be provided daily.

Teachers will collaborate with like-minded professionals. They will be given a stipend, books and materials to replicate projects in their classrooms. UC credit for professional development will be available.



LEARN ABOUT

- Web-based teaching resources
- Content rich, hands-on activities.
- Group work centered on science experiments.
- Opportunity to develop skills in hypothesizing, observing, recording, graphing, writing, and presenting results.
- Become critical consumers of science, technology, and science news.



TEACHER DEVELOPMENT

- Opportunities for teachers to blend science content standards with inquiry based instructional strategies.
- Opportunities for teachers to work collaboratively to create a hands-on, engaging program for students.
- Introduction of peer coaching and "results based" assessment of innovative teaching strategies.
- University support for science as a vehicle to increase reading, writing and mathematics proficiency for students.
- Availability of resources to develop content rich lessons and programs.

