



Bringing Galileo and NASA into the Classroom: A Hands-on Workshop on Astronomy for Teachers in Grades 3 – 12

A NASA Galileo Educator Network workshop presented by
the Astronomical Society of the Pacific

Dates: Saturday, January 21, 2012, 9:00 am – 4:30 pm
Thursday, February 9, 2012, 4:30 – 8:00 pm / Thursday, March 8, 2012, 4:30 – 8:00 pm

Location: RAFT (Resource Area for Teachers), 1355 Ridder Park Drive, San Jose, CA

Become a Galileo Educator through this 15-hour professional development opportunity for teachers. This workshop emphasizes inquiry-based strategies and the nature and practice of science. Follow-up sessions expand learning through active participation and networking with other educators.

Workshop participants will explore:

- Classroom tested, standards-based, hands-on astronomy activities (on such topics as the phases of the Moon, the planets, the scale of the solar system, etc.)
- Galileo-themed science inquiry and space science content with NASA resources
- The development of student reasoning and how to help students think like scientists
- Astronomy teaching resources, including *The Universe at Your Fingertips 2.0* (a collection of 133 complete activities and a wealth of other teaching resources on DVD-ROM)
- *The Galileoscope*: an inexpensive telescope for the classroom
- How telescopes work and how they changed our perception of the universe
- NASA-developed and NASA-supported resources and science content
- Adapting resources and activities to include more reflection on the nature and practice of science

Presenters and facilitators include:

- Dr. Greg Schultz (*Astronomical Society of the Pacific, San Francisco, CA*)
- Brian Kruse (*Astronomical Society of the Pacific, San Francisco, CA*)

Cost: \$30 for RAFT members; \$45 for non-members; 1.5 CEU available for \$90

(participants will receive a *Galileoscope* telescope kit (retail \$49.95) and the astronomy teaching resource guide *The Universe at Your Fingertips 2.0* (retail \$29.95); lunch on Jan. 21 is provided)

Special Note: *This is a three-part workshop; to participate you must attend all three sessions.*

To Register go to: <http://www.raft.net/workshops/in-house> or call Deborah at 408-451-1473

For more information send an email to: gttp@astrosociety.org

No background in astronomy is required; both new and veteran teachers will learn new ideas and techniques from the workshop.

Founded in 1889, the Astronomical Society of the Pacific is the largest and most active astronomy education organization in the U.S., devoted to improving scientific literacy through astronomy.