

PROJECT ASTRO

Tucson Workshop 2011

Hosted by the
National Optical Astronomy Observatory

www.noao.edu/education/astro



Project ASTRO: Developed by the Astronomical Society of The Pacific and coordinated in Tucson by NOAO, this unique and free educational program offers teachers instruction in conducting hands-on inquiry-based science activities in their classrooms. But, the biggest benefit is that each teacher gets an astronomer partner to work with them for the entire academic year. The astronomer helps conduct activities, and classroom demonstrations, they can schedule field trips, speakers, and even assist in setting up class or school star parties.

During the two-day ASTRO workshop, a partnership is forged that blends the teacher's knowledge of methods and classroom discipline with the astronomer's knowledge of and passion for astronomy. Together the team brings the science of astronomy alive in the classroom when the astronomer makes four school visits during the academic year. Astronomy activities in turn may serve as springboards into other explorations into math, physics, chemistry, and even writing. The ASTRO activities are even designed to help meet various state and national educational standards.

All workshop attendees receive the "Universe at Your Fingertips" guide, a resource that contains more than fifty lesson plans. This invaluable resource is organized to present studies and activities that progressively include subjects from the solar system to galaxies. The workshop also includes a trip to the Kitt Peak National Observatory for the Nightly Observing Program.

Date: September 9 & 10, 2011

Place: The UA Student Union

Time: Friday, 8:30 AM to 10:30 PM
Saturday, 9:00 AM to 3:00 PM.

Cost: Free

Applications to join the Project ASTRO program are available for teachers at:
<http://www.noao.edu/education/astro/pdf/teacher-app.pdf>

Astronomer applications are at:
<http://www.noao.edu/education/astro/pdf/astronomer-app.pdf>

The application deadline will be Friday, August 19, 2011. Completed applications may be faxed to Chuck Dugan at 520-318-8451 or mailed to him at 950 N. Cherry Ave. Tucson AZ 85719. For any further questions, feel free to contact Chuck at cdugan@noao.edu or call 520-318-8291.

