

PROJECT ASTRO SAN DIEGO 2008 WORKSHOP



Reuben H. Fleet Science Center, 2008 August 13

8:45-9:15	Check-in. Continental breakfast. Materials assembly
9:15-9:45	Welcome by Amanda Lincoln, Education Programs Coordinator, R. H. Fleet Project ASTRO Overview (Dr. Ron Angione, San Diego Director)
9:45-10:00	Ice-breaker: activities: M6 Picture an Astronomer / M3 Astrobrands (Blanco)
10:00-10:20 10:20-10:40	Project ASTRO Video Project ASTRO Resources Explained: How-To Guide, Activity Scavenger Hunt
10:40-11:00	Hands-on Activities A3-A4: Phases and Eclipses of the Moon (Blanco)
11:00-11:30 11:30-11:45 11:45-12:15	Local Resources: Mars Society, San Diego Chapter Local Resources: San Diego Astronomy Association (Roy Ang) Partner planning, contracts explained (Blanco)
12:15-1:00	Lunch! (with partner). Outdoor Activities: Solar observations with Roy Ang, E1 Cratering demonstration (Blanco), Sunspotter Telescope (available for loan)
1:00-1:05	Announcements
1:05-1:20	Video: A Private Universe (and discussion)
1:20-1:40	Outdoor Activity D5-D7: Scale model of the solar system (Paul Pakus)
1:45-2:00	Sorting activities: Solar System Sorting (new, online) H7 Galaxy Sorting (online)
2:00-2:15	Worlds in Comparison: Modeling the Planets (Family ASTRO activity)
2:15-2:30	Activity F9 (modified): Kinesthetic Astronomy (Birthday Stars, Seasons & Constellations)
2:30-2:45	Activity F3 (also online) Big Dipper Star Clock
2:45-3:15	Activity E3: Make a comet! (Blanco/Angione)
3:15-3:30	Future plans, fundraising, year-round support (Blanco/Angione) Final planning, contact forms and contracts, Q&A.
3:30	- END - (You are welcome to tour the Science Center after the workshop)

2008-9 funding for this workshop has been provided by the SDSU President's Fund with a generous matching grant from the W. E. Edwards Foundation. Project ASTRO is a national program of the Astronomical Society of the Pacific, and is hosted locally by the SDSU Astronomy Department. Special thanks to the Reuben H. Fleet Science Center for providing this venue.

For more information please contact the site coordinator, Philip Blanco (pblanco @ sciences.sdsu.edu), or the site director, Dr. Ron Angione (angione @ sciences.sdsu.edu)

ADDITIONAL FAVORITE ACTIVITIES FROM UNIVERSE...AND MORE UNIVERSE...

D-2: Playdoh Moon and Mars models

C-9: Planet Picking

C-12: How high can you jump on other worlds? (Surface gravity)

F-2/F-3 Big Dipper Finder / Star clock

G-4 Light travel time & Earth history (new version: "Birthday stars" online)

G-6 Counting Stars

H-6 Expansion of the Universe

H-8 Estimation - how many galaxies in the Universe?

H-1 Galactic address (better version available on ASTRO website)

I-3/I-4 and Family ASTRO: Lunar Crash Landing game (on website)

I-? Lots of SETI activities (in both manuals)

J-8: area scaling - covering telescope apertures with pennies