



**Mount Diablo State Park,
Mount Diablo Astronomical Society,
and the Mount Diablo Observatory Association present
2010 Public Astronomy Programs on Mount Diablo**

DATE 2010	Program Starts	SPECIAL EVENT AND TOPIC
Mar 20	6:30 PM	PLANETS & STARS: Our Solar System: See four planets and the Moon tonight! Make a Pocket Solar System then view the moon and planets through our telescopes.
Apr 10	7:00 PM	NEIGHBOR PLANETS See our Solar System neighbors: Venus and Mars - will you spot Mercury too? Why does Earth have abundant life, but not Mars and Venus? Find out tonight!
May 15	7:30 PM	TELESCOPES: How do telescopes work? Take an inside look and learn about 400-year-old technology still in use today! Then view the universe through a variety of telescopes and see Saturn at its finest!
Jun 19	8:00 PM	EXPLODING STARS: SUPERNOVA! Why do some stars explode? What would a universe without supernovae be like? Join us for an evening of discovery and take home a star map that shows which stars will explode as supernovae.
Jul 17	8:00 PM	EXPLORE OUR GALAXY: Build a model of our Galaxy! Solar System, Galaxy, Universe: what's the difference? How big is our Galaxy compared to our Solar System? Take home a model of our galaxy.
Aug 14	7:30 PM	STARS OF THE TRIANGLE: Summertime and it's time to explore the Summer Triangle! Take home a star map of what you discover. Last chance to view Saturn this year.
Sep 11	7:00 PM	TOWARD THE CENTER OF OUR GALAXY: Young stars, old stars, black holes! What's going on toward the center of our galaxy? Take a tour through the telescopes and discover the wonders of the lives of stars.
Oct 9	6:00 PM	EXPLORE OUR UNIVERSE: A dark night in October: A perfect night to explore the Universe. How big is the Universe compared to our Milky Way Galaxy? Help build a model of our Universe. Which galaxy will you be?

Program: Participate in hands-on astronomy activities, followed by supervised observing through the many different telescopes of MDAS members to view the Moon, planets, stars, galaxies and more.

Time: Evening, beginning about an hour before sunset and lasting up to several hours. Plan to enter the park gate at least 45 minutes before the program starts.

Where: Lower Summit parking lot of Mt. Diablo State Park, Walnut Creek.

Cost: The astronomy program is free; there is a nominal park entry fee.

Bring: Kids, binoculars, warm clothes (temperature can drop significantly), snacks, water. If you bring a flashlight, please cover it with red cellophane, red cloth, or a red balloon.

Leaving: The Park gates will be locked and visitors will only be able to leave the summit and exit the park by escorted caravans through the north gate several times during the evening. Caravans will be announced at various intervals following the program discussion and visitors should only leave with these escorts.

NOTE: Astronomy Program is weather permitting (including "High Fire Danger"). Check our Program Calendar: http://nightsky.jpl.nasa.gov/event-calendar.cfm?Club_ID=51 or call Mt. Diablo State Park – 925-837-2525.

Mount Diablo Astronomical Society: www.mdas.net
A proud member of the NASA Night Sky Network: <http://nightskynetwork.net>
Email: outreachinfo@mdas.net