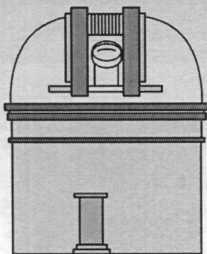


NEWS AND
INFORMATION
FOR FRIENDS
OF DRAKE
PLANETARIUM

Cosmic Voyager



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Astronomy And Space Science For Everyone

Summer Kids Programs

Teachers and parents, bring your students and join us for a great time this summer. Drake offers many different programs for all ages. Discover the planets, explore the moon, learn about the Sun, and our seasons.

Investigating astronomy and the solar system is both fun and challenging. The classes are taught by certified teachers and science specialists. Sign up as soon as possible since space is limited. Schedule any program between June 16-20, 1998. Times: 8 a.m. to 2 p.m.



discovery as proof that water exists in these locations. What does this find actually prove? William Feldman, who designed the device, cautions that it only proves that there is an abundance of Hydrogen present on the surface of the Moon.. He does admit that the more likely candidate for this abundance of Hydrogen is water.

For years scientists have speculated that water may be present in the shadows of craters where the temperatures never go above freezing. Comets, crashing into the planet could have brought the water since they are composed, in part, of ice. The poles would be likely places for this water to exist in the form of ice due to the extremely low

temperatures there. Lunar Prospector has shown that the greatest concentrations of Hydrogen is noted at the lunar poles.

This finding has sparked much debate as to the possibility of colonizing the moon. Premature? You bet!! But you have to start somewhere.

Besides Hydrogen sniffing, Lunar Prospector will map out the Moon's elemental composition, surface gravity, and its magnetic fields. Finally, it will ferret out radioactive radon, the result of lunar tectonic activity.

Galaxy Gift And Museum Shop

Before entering the main doors of the planetarium your attention will be averted by all the beautifully displayed articles of our Galaxy Gift And Museum Shop. It is an eye catcher, and rightly so. Brightly lit and tastefully decorated, one cannot help but stop and peer past its display windows to delight in all the "neat stuff" arranged by the talented hand of Linda Hooks, the shop's manager.

If you are looking for a star finder, space poster, mood ring, or a snack, you can find it in the store. Come in and look around. You will enjoy the experience, and maybe, you will discover "that one thing you just can't live without"!!

Lunar Ice??

(Moffett Field, CA) Recently the Lunar Prospector spacecraft has found evidence that water may exist on the Moon in large quantities. Some scientists believe that tens of millions of tons of water are locked up in the form of ice in the lunar soil.

Lunar Prospector has on board a nifty device called a neutron spectrometer, an instrument which can total up various kinds of neutrons with differing amounts of energy. One element it is especially designed to find is Hydrogen, which makes up part of a water molecule. Lunar Prospector discovered areas with high concentrations of Hydrogen near the Lunar poles. Some scientists took this

Yes, I Want To Help!!!

Drake - Bringing authentic astronomy and space science back to Cincinnati.

If you like reading *Cosmic Voyager* please consider acquiring a yearly subscription. For a donation of only \$5.00/yr. you will receive our newsletter, *Cosmic Voyager*, a 10% discount good for all public shows in the planetarium and all purchases in our Galaxy Gift And Museum Shop. Your donation will greatly help to reduce postage and printing costs.