



*There's something  
special in the night sky  
for everyone to find —  
all you have to do is  
look up!*

Running time: 30:26

Grade level: 4-12 and  
general public audiences

Written by Carolyn Collins Petersen

Produced by Mark C. Petersen

Narrated by Roger Thompson

Original artwork by Tim W. Kuzniar



Most planetarium programs show excellent images of planets and galaxies, taken from spacecraft or big observatories. Then, when people look at the real thing through a telescope or binoculars, they're understandably dismayed that what they see "isn't like in the planetarium." Yet photographs taken through low-power instruments still look like photographs, not like what someone actually sees with the naked eye.

**More Than Meets The Eye** solves that problem with a perfect under-the-dome star party. Original and scientifically-accurate space artwork depicts the planets and deep-sky objects as people can *actually expect* to see them with and without various instruments. Throughout the program, audiences experience the joys of night-sky observing using the naked eye, binoculars and small telescopes. The show also compares the views from the back yard (or planetarium parking lot) with observatory astrophotos and spacecraft images.

This program combines star-hopping and constellation identification with exploration of deep-sky objects. It briefly discusses the effects of atmospheric turbulence; that stars have different colors; and how only time exposures produce the brilliant colors that we often see in photographs of planets, stars, galaxies, and nebulae. Finally, the audience learns that although we don't see celestial objects in glorious color from our back yard, the fact that we know the faint smudge in Andromeda is really a stellar city or a faint wisp of light in the constellation Orion is really a place where stars are born can spark the imagination and make the search worthwhile.

**More Than Meets The Eye** includes winter, spring, and summer night-sky scenes, so something mentioned in the show will be prominent in the sky no matter when it is shown. This program has been a perennial favorite for planetarium facilities around the world, and a work-horse for both school and public facilities.



#### Featured celestial objects

Moon	Alcor/Mizar	M6/M7
Venus	Orion Nebula	Albireo
Mars	Ring Nebula	Milky Way
Jupiter	Crab Nebula	Epsilon Lyrae
Saturn	Lagoon/Trifid	Hercules Cluster
Pleiades	Nebula	Andromeda Galaxy



LOCH NESS PRODUCTIONS

[www.lochnessproductions.com](http://www.lochnessproductions.com)

1-888-4-NESSIE



## Science Education Content

The educational focus of this show is to discuss objects in the night sky and teach stargazing techniques. These ideas are woven throughout the program, and help relate the information presented in the show to the lives of students, families, and the general public.

Show content is relevant in the following subject areas:

### Earth and Space sciences

- Sky objects: the Moon, planets, stars, constellations, star clusters, nebulae, and galaxies

### Physical Sciences

- Star colors and temperatures
- Atmospheric effects on light from celestial objects

### History of Science/Science as a human endeavor

- Astronomy as an enjoyable backyard hobby
- Astronomy as an approachable science
- Astronomical research and discoveries
- Missions to the Moon
- Spacecraft probes of the outer planets
- Observatory studies of stars, nebulae, galaxies

This show adheres to principles put forth in the National Academy of Sciences' Education Standards published in 1996.  
For more details, visit the NAS Standards Web site at: <http://books.nap.edu/html/nses/html/index.html>.

Please visit our Web site, where you can preview this program's images, excerpts from the soundtrack, and sample script pages. You can also order online and find more information about optional products such as DigiDome®, narrationless soundtracks, programming cue files, replacement copies, and more.

PRODUCT CODE	The <b>More Than Meets The Eye</b> show package includes:	PRICE
MME-R	<ul style="list-style-type: none"><li>• Script/production notes book</li><li>• Soundtrack on audio CD</li><li>• Images/masks in TGA form on CD-R (<i>you make your own slides</i>)</li></ul>	<b>\$595</b>

In 1987, we originally produced this show as **NESS VIGNETTE #2**, a 17-minute mini-program with 32 slides. In 1993, we expanded on the concept and created the 31-minute show, based on and including all the material from the old. We simply look at more objects (the ones in red in our list overleaf) in the longer version. On the **More Than Meets The Eye** CD, we provide both soundtracks, so you can program either one or both, whichever fits your schedule.



LOCH NESS PRODUCTIONS P. O. BOX 924 NEDERLAND, COLORADO 80466 USA  
Phone: +1 303 642 7250 Fax: +1 303 642 7249 Toll-free: 1-888-4-NESSIE  
Email: [info@lochnessproductions.com](mailto:info@lochnessproductions.com) Web site: [www.lochnessproductions.com](http://www.lochnessproductions.com)

Revised 10 February 2010