

EXTRA CREDIT

REVIEWS OF ASTRONOMY 2 VIDEOS PRESENTED IN LIBRARY

For the actual dates that each week starts, see the *General Schedule of Activities*

Weeks #	Title and Review
3,4	Cosmos: "Harmony of the Worlds": Historical re-creation of the life and time of Johannes Kepler – the last scientific astrologer, the first modern astronomer. Kepler provided the insight into how the moon and the planets move in their orbits and ultimately how to journey to them.
5,6	"Different Worlds": Travel back in time and space to witness the awesome forces that gave birth to the Sun and the far-flung family of planets that orbit it. From the rocky, superheated surface of Mercury, to the storm-wracked atmosphere of gigantic Jupiter and the distant mysteries of Pluto, this is a richly detailed introduction to the creation, composition, and alien landscapes of the planets.
7,8	"Terra Firma": Relive the thrill of the first glimpses of otherworldly terrain as you join the early quest to discover the true nature of our planetary neighbors. Pierce the toxic clouds of Venus to map ancient lava flows the size of continents. Visit a Martian volcano taller than Mount Everest and head even farther out into the planetary system in search of clues to the "living" geological forces at work in the most unlikely cosmic corners.
9,10	"Giants": They are the heavyweights of the planetary line-up. They are unimaginably vast orbs of seething gas, brilliant cloud bands that contain virtually no landscapes. Now, take measure of these planetary behemoths. From the pioneering days of Galileo's dogma-shattering discovery of the Jupiter moons, to NASA's billion-mile sojourns of Saturn and Neptune, the conclusion is timeless. These are awesome giants.
11,12	"Moon": While a number of planets are accompanied by moons of all sizes and compositions, only the Earth boasts such a comparatively huge "companion world". What forces could have resulted in this planetary odd couple? Join the search for the answer to one of the solar system's most baffling mysteries, from Cold War scientists racing to be the first on the Moon, to current theories and remarkable computer-generated visions of the Moon's explosive creation.
13,14	"Atmosphere": Atmospheres make weather. This can result in alien weather reports that seem as if they're taken right out of a science fiction film. The local forecast for this program: torrential sulfuric rain and metallic snow on Venus, global dust storms raging across Mars, and centuries-long Earth-sized cyclones circling Jupiter. It's an eye-opening exploration of otherworldly weather that reveals the surprising variety and force of atmospheric activity throughout the solar system.
15	"Destiny": What is the long-term fate of the planets in our solar system? Voyage to a future billions of years in the distance. Explore the Sun's expansion as it engulfs its planetary progeny in the final, fiery act of its billion year-long dilemma. Watch as chilly Mars experiences a sultry heat wave, Mercury and Venus melt down, and gas giants undergo a startling cosmic change.