

EXTRA CREDIT

REVIEWS OF ASTRONOMY 10 VIDEOS PRESENTED IN LIBRARY

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

<i>Week #</i>	<i>Title and Review</i>
3	"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.
4	"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.
5	"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.
6	"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.
7	"Star": To primitive peoples, the Sun was synonymous with God - the ultimate source of life-giving warmth and light. Now, step aboard the Skylab space station to probe the turbulent heart of our local power source. Plunge into the center of the Sun to witness the reactions driving its primordial atomic pulse. And observe the spectacle of massive solar flares capable of engulfing entire planets - including our own.
8	"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.

EXTRA CREDIT

REVIEWS OF ASTRONOMY 10 VIDEOS PRESENTED IN LIBRARY

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

<i>Week #</i>	<i>Title and Review</i>
9	"Life Beyond the Sun": From the startling Copernican revelation that the Earth was not at the center of the Universe, humanity has wondered if life was unique to our world. But how likely is it that Earth is the only reservoir of life in the vastness of space? Come along for the ride as early planetary researchers learn that conditions on our neighboring planets may be too hostile to support life - and discover how recent findings hint there may be alien life "hiding out" in places we've overlooked.
10	"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.
11	"The Astronomers - Where is the Rest of the Universe": Astronomers believe the Universe contains at least ten times as much mass as can be seen and accounted for. How they are able to detect this missing mass and to discover more about it are the subjects of this episode.
12	"The Astronomers - Searching for Black Holes": At the center of galaxy NGC 1275 - some 200 million light years from Earth - there might be a supermassive black hole, one of the most intriguing objects in the Universe. This episode is centered around astronomers' attempts to map the galaxy and look deep into its heart through the use of a very large radio telescope.
13	"The Astronomers - A Window to Creation": One of the biggest questions ever asked is: "How did the Universe begin?" How did the chaos which astronomers call "The Big Bang" give birth to galaxies with billions of stars? In search of an answer, this video follows the scientists who are attempting to sort through the remnants of the big bang for evidence which still lingers after 15 billion years.
14	"The Astronomers - Waves of the Future": Gravity waves, as yet undetected but predicted by Albert Einstein, may contain the answers to many questions about the Universe. This video centers around the scientists who are building gravity-wave detectors in an attempt to prove whether or not gravity waves exist.
15	"The Astronomers - Stardust": The deaths of stars allow our own lives to come into being. This episode explains how and looks at the complete life cycle of the stars that make up our galaxy.
16	"The Astronomers - Prospecting for Planets": Although many scientists are convinced that other planetary systems exist, so far none have been found with absolute certainty. This program focuses on efforts to discover other systems and learn more about our own solar system.