Movie: Episode 1: Space Shuttle: Overview  
**Topic Area:** Preparations for the 1981 Space Shuttle launch  
**Item Number:** 099.01-01V  
**Length/Year:** 30 minutes/1980  
**Level:** Grades 7-12  
**Description:** Reports on the preparations for an early 1981 Space Shuttle launch. The program covers the mission, the flight crew training, rocket engine tests, problems involving the thermal protection system tiles, and efforts of the NASA industry team during the final launch stages.

Movie: Episode 2: Before Saturn and America in Space  
**Topic Area:** Retrospective look at the development of rockets  
**Level:** Grades 7-12  
**Item Number:** 099.01-02V  
**Length/Year:** 30 minutes/1980  
**Description:** Before Saturn": Provides a retrospective look at the development of rockets from the early Chinese efforts through the development of the Saturn I booster. "America in Space": Recounts the achievements in unmanned and manned space projects during the first 5 years of NASA's existence.

Movie: Episode 3: Astronauts...U.S. Project Mercury  
**Topic Area:** The original Mercury astronauts  
**Item Number:** 099.01-03V  
**Length/Year:** 30 minutes/1980  
**Level:** Grades 7-12  
**Description:** Reports on the original Mercury astronauts, explaining their selection, testing, and training for America's first manned space program.

Movie: Episode 4: Freedom 7  
**Topic Area:** The first American manned space mission  
**Item Number:** 099.01-04V  
**Length/Year:** 30 minutes/1980  
**Level:** Grades 7-12  
**Description:** Documents the first American manned space mission. Covers the training, preparation, launching, and recovery of astronaut Alan B. Shepard, Jr., for the first Project Mercury suborbital flight.

Movie: Episode 5: Friendship 7, Part I  
**Topic Area:** The first orbital space flight by astronaut John Glenn  
**Level:** Grades 7-12  
**Item Number:** 099.01-05V  
**Length/Year:** 30 minutes/1980  
**Description:** Illustrates in detail the first American orbital space flight by astronaut John H. Glenn in 1962. The program also provides background on Project Mercury and the tracking network planned for the one-person Mercury missions.

Movie: Episode 6: Friendship 7, Part II  
**Topic Area:** The first American manned space mission  
**Item Number:** 099.01-06V  
**Length/Year:** 30 minutes/1980  
**Level:** Grades 7-12  
**Description:** Continues the historical documentary illustrating the first American orbital spaceflight by astronaut John H. Glenn in 1962 and provides background on Project Mercury and the tracking network planned for the Mercury missions.
Movie: Episode 7: Your Share in Space
**Topic Area:** Space science discoveries and their application in the daily lives of citizens.
**Item Number:** 099.01-07V
**Length/Year:** 30 minutes/1980  **Level:** Grades 7-12
**Description:** Relates space science discoveries and their application in the daily lives of citizens. Describes booster evolution, payload development, instrumentation systems, TIROS, solar cells, data processing machines, Project Mercury, tracking and communication, X-15, Ranger, Surveyor, and Apollo. Industry participation in space research and development is also depicted.

Movie: Episode 8: Legacy of Gemini
**Topic Area:** The Gemini spaceflights
**Item Number:** 099.01-08V
**Length/Year:** 30 minutes/1967  **Level:** Grades 7-12
**Description:** Illustrates, in the perspective of a single composite mission, the major accomplishments of the Gemini two-person spaceflights and the significance of these flights to the Apollo program. The film includes outstanding photography of the Earth and humans in space.

Movie: Episode 9: Debriefing- Apollo 8
**Topic Area:** Humankind’s first orbit around the Moon
**Item Number:** 099.01-09V
**Length/Year:** 30 minutes/1969  **Level:** Grades 7-12
**Description:** Tells the story of humankind’s first orbit around the Moon, with commentary on the significance of the Apollo 8 flight by several prominent Americans. The program features photography of the lunar surface, the Earth as seen from the Moon, and the onboard activities of astronauts Borman, Lovell, and Anders.

**Topic Area:** The first Moon landing in 1969
**Item Number:** 099.01-10V
**Length/Year:** 30 minutes/1969  **Level:** Grades 7-12
**Description:** Tells the story of our first lunar landing in July 1969. Depicts the principal events of the mission, from launch through the postrecovery activities of astronauts Armstrong, Aldrin, and Collins. Through television, motion pictures, and still photography, the film provides an "eyewitness" perspective of the Apollo 11 mission.

Movie: Episode 11: Apollo 16, Nothing so Hidden
**Topic Area:** The Apollo 16 lunar landing and exploration of the Moon.
**Item Number:** 099.01-11V
**Length/Year:** 30 minutes/1972  **Level:** Grades 7-12
**Description:** Provides a visual documentary account of the Apollo 16 lunar landing mission and exploration in the highland region of the Moon, near the crater Descartes. Through the use of cinema verite' techniques, the real-time anxieties and lighter moments of the support teams in Mission Control and the Science Support Room were captured. The film includes some of the most spectacular lunar photography of any Apollo mission.
Movie: Episode 12: 4 Rooms Earthview

**Topic Area:** The three Skylab missions  
**Item Number:** 099.01-12V  
**Length/Year:** 30 minutes/1975  
**Level:** Grades 7-12  
**Description:** Tells the story of the three Skylab missions, the nine astronauts, and their 171 days in the manned laboratory. Skylab was the first U.S. manned space station. Criss-crossing 70 percent of Earth's land area, Skylab sensors gathered information about many features of the planet.

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Movie: Episode 13: The Mission of Apollo/Soyuz

**Topic Area:** The joint Apollo-Soyuz mission with the United States and Russia  
**Item Number:** 099.01-13V  
**Length/Year:** 30 minutes/1975  
**Level:** Grades 7-12  
**Description:** Stresses the spirit of cooperation and friendship, which helped make the Apollo-Soyuz mission a success. The mission was a precedent-setting event in the sphere of international manned spaceflight. The program generally follows the mission timeline, with appropriate flashbacks to detail the periods of development and training. The program concludes with a projection on the future of international cooperation in space featuring the Space Shuttle and the European development called Spacelab.

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Movie: Episode 14: Teacher Silent Video Lesson Guide

**Topic Area:** Lesson plans using the “History of Space Travel” series  
**Level:** Adult

**Item Number:** 099.01-14V  
**Length/Year:** 30 minutes/1980  
**Description:** Consists of questions, definitions, and student activities that teachers can use to plan lessons around the "History of Space Travel" series.