

Space Exploration List of Video Resources

The video resources in this package are divided into two categories:

1. The first category, “**Program Videos**,” lists archived versions of our live, interactive student programs that explore multiple concepts and topics related to space and space exploration.
2. The second category, “**Topic Videos**,” includes short videos that deal with a specific topic, issue, event, or person related to space and space exploration. Some of the “topic videos” listed here are also featured in one of the archived live programs. If so, the name of the archived program video is included in parentheses.

More information on each video, including a description of its content, grade levels targeted, and any teacher tools or student tools related to it, can be found on its video play page by clicking on its title below. Time length for each video is provided below and on its video play page.

Program Videos:

Space 9: History in the First Person: The Gemini Project (59:47)

Space 10: Orion: The First Step to Deep Space (2:57:20)

Space 11: History in the First Person: Building the Mercury Capsule (57:24)

Space 12: Rendezvous with a Comet (55:33)

Topic Videos:

Space 1: What were the biggest technological setbacks faced by the Gemini project engineers? (01:42—also seen in Space 9: History in the First Person—The Gemini Project)

Space 2: Were many women involved in the Gemini project? (01:53—also seen in Space 9: History in the First Person—The Gemini Project)

Space 3 : How did technology used for Gemini missions affect the advancement of technology that was used by the average American? (09:59—also seen in Space 9: History in the First Person—The Gemini Project)

Space 4: How were the materials necessary for construction of the spacecraft determined? (01:03—also seen in Space 9: History in the First Person—The Gemini Project)

Space 5: What was the purpose of the adapter part of the space capsule and why was it added to the design of the capsule for the Gemini missions? (01:54—also seen in Space 9: History in the First Person—The Gemini Project)

Space 6: Were any unusual materials chosen to help build the Gemini capsule and adapter? (01:21—also seen in Space 9: History in the First Person—The Gemini Project)

Space 7: What were the challenges in design of the capsule to allow for space walks? (01:14—also seen in Space 9: History in the First Person—The Gemini Project)

Space 8: What was the impact of the Gemini project? (01:31 —also seen in Space 9: History in the First Person—The Gemini Project)