

# Apollo Missions Poster & Reflection

Explore NASA's archive of the Apollo Moon Missions. The web site given is a launching point to the extensive archive of data from the Apollo Missions. Explore the site. Look at the movies, the pictures and listen to the recordings. Read the journals the astronauts kept as well as the flight plans. Look at the timelines, or the checklists. Get a feel for the experience that the astronauts and their support staff on earth went through. Use any of the other links on our Apollo web page as well.

[http://www.lpi.usra.edu/expmoon/apollo\\_landings.html](http://www.lpi.usra.edu/expmoon/apollo_landings.html)

**A. Choose** one mission to explore in depth. **Find** out about the mission. Use the list below as a starting point. Pick out several things you find interesting and **put it together in a poster** about the mission.

1. **Describe** when it launched, landed on the moon, left the moon and returned to earth. **Identify** the total time flying to the moon, actually on the moon and flying home.
2. **Identify** the name of the orbiter, the lander and explain the significance of the names. **Include** a picture of the patch for this mission and describe its significance.
3. **Describe** where the lander landed on the moon and why that area was chosen.
4. **Describe** the type of photography the mission took. Each mission had an emphasis on the type of photographs they were taking both from the orbiter and the lander.
5. **Describe** at least two of the orbiter experiments and describe the data obtained
6. **Choose** at least two of the surface experiments and **describe** the experiment and the data obtained
7. **Describe** the surface activity that the astronauts participated in
8. **Describe** what lunar samples were brought back to earth and why they were significant
9. **Describe** the astronauts who went on this mission. Who were they? What kind of schooling did they have? What kind of experience did they have before they went on the mission? What did they do after the mission or after NASA? Are they still alive?
10. **Find** the journals  
*Mission Description Overview → More About the Apollo ## Mission (NSSDC) –*

**Scroll** through this entire page. There are interesting links all the way through. **Read** portions from the *Lunar Surface Journal* and the *Flight Journal*. **Listen** to recordings you find throughout.

**Write** a summary of some of the entries you read. Try to find out what the landing was like. Did it go smoothly? How did the astronauts respond to being on the moon? What did mission control seem to be like?

**11. Look** through the *Video and Movie Clips* and the *Image Library*  
*Mission Description Overview* → *More About the Apollo ## Mission (NSSDC)* –

**Include** at least 4 pictures in your paper. **Have** a variety such as what the orbiter saw, what the astronauts on the moon saw, the experiments, the launch from earth, the launch from the moon, descent to the moon, etc. **Write** a description of the images and why you included them.

**12. Find** a document artifact from the mission.

Examples are Lunar Module (LM) Timeline Book, CSM Landmark Maps, Technical Brief, Science Reports, LM Activation Checklist, Cuff Checklists, LM Lunar Surface Checklist, Press Kit, Apollo TV Essay, etc.

**Include** it or an image of it in your paper and describe what it is. **Describe** why you thought it was interesting enough to include it. For very large documents include portions of it.

**B. Write a reflection** of what you found interesting or intriguing about this Apollo mission. What would you have liked to experience? What would you have been afraid to try? Would you have wanted to be in the orbital, lander or at mission control? What were you surprised about? What didn't you expect to find but did? What did you learn about the technology used? What did you learn about the science accomplished? What did you learn about the people involved? What did you learn about the Apollo missions overall?

NOTE: Common writing etiquette applies. NO plagiarizing, watch your grammar and spelling, have a method to your madness (outline your ideas before hand so the paper flows!), type it with 12 point font (Arial is easier to read) and any other common writing conventions included. Remember, this is about what **you** find interesting, not someone else.