

Space Exploration Homeschool Writing Ideas

1. After watching the video, summarize three key ideas that you learned. (3-12)
2. After watching the video, did you learn things that didn't fit with what you thought about space exploration or how what you already knew reinforced? Do you have new insights into space exploration? Write two paragraphs to answer these questions. (5-12)
3. Research and describe the technological concerns and what was learned for the Gemini, Orion, Mars Rover, or Mercury Capsule missions. (9-12)
4. Research the first women who became involved with the Gemini project or the first women astronauts. (3-12)
5. Compare and contrast some of the different materials tried and/or used to help with the issue of heat on the space capsules. (9-12)
6. Design a timeline with the major spacecraft launches. (6-12)
7. Research what happens when astronauts spend many days in space, and then write five journal entries that an astronaut might write after many days in space. (6-12)
8. What are the jobs of the Mars Rover? Describe some the information it has sent back. (3-12)
9. Research how spacecrafts return to earth and what issues scientists have to think about to return them safely. (9-12)
10. Research comets and include the parts of a comet, the shape of their orbit, and why they are only seen at certain times. (3-6)
11. What considerations have to be made when designing a space suit, sending food and water in the spacecrafts, and how the astronauts will move about outside of the spacecraft? (3-12)