

Prerequisites: Space Exploration

Download workbook from:

http://meritbadge.org/wiki/index.php/Merit_Badges

Question #2

Complete your space pioneer collector's card and bring it to show others. Maximum size is 5 x 7 inches. Be able to describe at least three highlights about your chosen space pioneer. This website may be a useful resource:

<https://www.biography.com/people/groups/space-exploration>

Part 3

Do **one** of the following. Note we will not be launching rockets on this date.

- a. If you are able to launch before the workshop, you can bring proof (the rocket, if you can, and any photos or other documentation including a note from your parents or leader). You can also complete this activity on another date after the workshop and have your troop leader sign off on it.
- b. If you are not able to launch a rocket, bring a model rocket (based on NASA, commercial company, or other country's design) or your own detailed diagram and pictures. This website may be a useful resource:

<https://www.nasa.gov/missions>

BSA may provide rockets to build. Please contact Maria.Aranda@Scouting.org.

Question #5

Investigate **both** a robotic and crewed mission. Choosing an unsuccessful mission is acceptable, but you are still expected to answer questions about the mission including why it failed and what lessons were learned from the failure. The following website may be a useful resource: <https://www.nasa.gov/missions>

Question #8

Triton Merit Badge College, December 9th

Investigate at least **one** career in space exploration that interests you. Not all space exploration careers require you to leave Earth. This website may be a useful resource: <https://www.nasa.gov/audience/forstudents/careers/index.html>