

Scout:



Out of This World

This module is designed to help you learn about space Exploration. Refer to full requirements at: www.scouting.org/stem/requirements.

1. Choose A or B or C and complete ALL the requirements.		
A. Watch an episode or episodes (about one hour total) of a show about the planets, space, space exploration, NASA, or astronomy. Then do the following:		
(1) Make a list of at least two questions or ideas from what you watched.		
(2) Discuss two of the questions or ideas with your counselor.		
B. Read (about one hour total) about the same topics. Then do the following:		
(1) Make a list of at least two questions or ideas from what you read.		
(2) Discuss two of the questions or ideas with your counselor.		
C. Do a combination of reading and watching (about one hour total) about anything that involves any of the topics above, then do the following:		
(1) Make a list of at least two questions or ideas from what you read and watched.		
(2) Discuss two of the questions or ideas with your counselor.		
Date		Completed A, B or C
2. Complete ONE Adventure from this list, then discuss what kind of science, technology, engineering or math Was used in the Adventure.		
Wolf: Air of the Wolf ; Collections and Hobbies ; Germs Alive! ; Motor Away		
Bear: A Bear Picnic Basket ; Robotics; Super Science		
Webelos: Adventures in Science; Engineering ; Game Design		
Date		Adv
3. Choose TWO from A or B or C or D or E or F and complete ALL the requirements for the options you choose.		
A. Have a star party with your den, pack, or family. (See all requirements online)		
B. Explain how 'revolution' or 'orbit' compares with 'rotation'. (See all requirements online)		
C. Design a model Mars rover (See all requirements online)		
D. Design on paper an inhabited base located on Mars or the Moon. (see all requirements online)		
E. Become an asteroid mapper (See all requirements online)		
F. Eclipses (see all requirements online)		
4. Visit or explore. Choose A or B and complete ALL the requirements.		
A. Visit a place where space science is being done, used, explained or investigated (see more online)		
B. Explore a career associated with space exploration. (see more online)		
5. Tell your counselor what you have learned about space exploration while working on this award.		
Date		Completed Two: A,B,C,D,E,F