

Scout:



## Science Everywhere

This module is designed to help you explore how science affects your life each day.

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 anything related to science. 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 anything related to science. 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 related to science. 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 belt loop or pin from the following list. (Choose one that you have not already earned.) (Astronomy, Collecting, Geography, Geology, Map and Compass, Mathematics, Nutrition, Pet Care, Photography, Science, Weather, Wildlife Conservation)		
Date		Loop or Pin
3. Act like a scientist! Do EACH of the following:		
A. With your counselor, choose a question you would like to investigate.		
Here are some examples only (you may get other ideas from your belt loop or pin activities):		
(1) Why do rockets have fins? Is there any connection between the feathers on arrows and fins on rockets?		
(2) Why do some cars have spoilers? How do spoilers work?		
(3) If there is a creek or stream in your neighborhood, where does it go? Does your stream flow to the Atlantic or the Pacific ocean?		
(4) Is the creek or stream in your neighborhood or park polluted?		
You can do a stream sample to find out what kinds of things are living in the water and under the rocks. Some things can survive in polluted water; others can live only in clean water. You can discover if a stream is polluted by finding out what lives there.		
(5) What other activity can you think of that involves some kind of scientific questions or investigation?		
B. With a parent or your counselor, use the scientific method/process to investigate your question. Keep records of your question, the information you found, how you investigated, and what you found out about your question.		
C. Discuss your investigation and findings with your counselor.		
Date		
4. Visit a place where science is being done, used, or explained, such as one of the following: zoo, aquarium, water treatment plant, observatory, science museum, weather station, fish hatchery, or any other location where science is being done, used, or explained.		
A. During your visit, talk to someone in charge about science.		
B. Discuss with your counselor the science done, used, or explained at the place you visited		
Date		
5. Discuss with your counselor how science affects your everyday life.		
Date		