Lesson Plans are designed to accompany the related Helps documents for each Step. Please refer to the resources in the appropriate Helps document found in the Leader Pages while you prepare your lesson.

The six “F”s are presented in a suggested order, but you are not required to complete them in that order. You may rearrange them as fits your troop’s particular needs.

Necessary Resources

- Empty 35mm plastic film canisters and lids
- Fizzing antacid tablets
- Empty Water Bottle
- Construction Paper
- Cardboard
- Cork
- Hand/Bike Pump
- Inflating Needle
- Metal Can
• Store-Bought Rocket Kit
FUN

Rocket Tag!
Play tag, but the person who is “It” is called the “rocket.” When the Rocket tags someone else, they become the rocket. The Rocket has to make rocket sounds until they tag someone else.
FOCUS

Rockets
Learn about rockets! There is a list of the parts of rockets in the Helps document. Tell the Trailmen about the ways that rockets have helped us go into and study space. Talk about how rocketry has benefited us. Information on these subjects is found in the Helps document.
FINGERS

Film Canister Rockets
Have everyone build film canister rockets! This site has detailed instructions on how make them:

Find North
Allow the Trailmen time to build water rocket. Refer to these websites for instructions:
http://www.wikihow.com/Build-a-Water-Rocket or

Launch a Rocket
Buy a rocket kit from a store and follow the instructions to assemble and launch it!
**FAITH (TRAIL GUIDE THOUGHTS)**

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**Explore God’s Creation**
Read and discuss Psalm 8:3. Talk about how God created the stars and everything in space. God’s creation was made to explore and share.
Rockets
Talk with your family about rockets and space exploration. Go stargazing at night with your family.
By actively participating in this meeting, each Trailman earned the Rocketry Step on the Science and Technology Branch.

*Note: It is up to the Trail Guide to determine whether or not a Trailman was an active in the meeting. Even if he attended the meeting, you are not required to award him the Step if he did not participate.