



# Space Exploration

## *Merit Requirements Checklist*

The following merit requirements must be successfully completed for a boy to be awarded the official Royal Rangers Space Exploration merit award. Each requirement must be approved by the boy’s group leader or his designee. Content relating to each requirement may be found in the Learning about Space Exploration section of this Merit Activity Guide.

#	Requirement	Ldrs Init
1.	Explain the importance of space exploration, including its benefits to humanity and the technological advancements we have gained because of it.	
2.	Create a history timeline of at least (10) major events in the exploration of space, including names, dates, descriptions, and images for each event.	
3.	Answer the following questions regarding the International Space Station and the Space Shuttle: <ol style="list-style-type: none"> <li>a. What is its purpose?</li> <li>b. Who built it?</li> <li>c. When was it launched?</li> </ol>	
4.	Describe the different types of telescopes used in space exploration.	
5.	Describe the difference between “manned” and “unmanned” space flights, giving examples of each, and explain the advantages and disadvantages of each.	
6.	Describe a space venture conducted by a private corporation or individual, including the date and purpose of the project.	
7.	Complete any (1) of the following projects: <ol style="list-style-type: none"> <li>a. Build a model of a spacecraft used in an actual space program.</li> <li>b. Make a display representing an actual space voyage, including dates, times, and locations, and explain it to your group.</li> <li>c. Read a book on some aspect of space exploration and write a 100-word report explaining what you read.</li> <li>d. Visit an air and space museum and describe your favorite exhibits.</li> <li>e. Watch a video on space exploration and discuss the major topics presented.</li> <li>f. Write a 250-word report on any aspect of space exploration of interest to you.</li> <li>g. Construct a chart of information about the planets in our solar system, including the name of each planet, distance from the sun, number of moons, and at least one interesting fact about each.</li> <li>h. Make a scrapbook of photographs and news articles about space exploration, including at least (30) photos or pieces of information.</li> </ol>	
	<b>MERIT COMPLETED</b> – Date:	

*The Space Exploration merit patch (item #157425), representing the completion of this merit, may be purchased from MyHealthyChurch.com and worn on the official Royal Rangers awards vest. Visit RoyalRangers.com/uniforms for details.*