

Troop #: \_\_\_\_\_

Scout Name \_\_\_\_\_

## MMSR Prerequisite Form 2022

Merit Badge	Requirement Number	Initial	Merit Badge	Requirement Number	Initial
<b>Art</b>	6 (visit a museum, art exhibit, art gallery)		<b>Geology</b>	5c.3a (do one of the following)	
<b>Astronomy</b>	5b (internet to find when 5 most visible planets seen in evening sky)*		<b>Hiking</b>	4 b-e (take the 5 following hikes each on a different day)	
	6b (sketch phase of moon for 4 nights)			5 (20 continuous mile hike)	
	8a (visit a planetarium. submit report, or scrapbook or video presentation)			6 (write a short reflection of each of your hikes in requirements 4 & 5)	
<b>Bird Study</b>	5 (observe & identify 20 species of birds, make field notebook)		<b>Insect Study</b>	5 (do the following)	
	8 (Do one of the following)			6 (do the following)	
	11 (3 career opportunities)*			9 (raise an insect through complete metamorphosis)	
<b>Camping</b>	3 (written plan for overnight camping)*			10 (do one of the following)	
	4b (help a Scout patrol or Webelos Scout unit in your area prepare for an actual campout)			13 (career opportunities in insect study)*	
	5e (Pack check by Scoutmaster)		<b>Mammal Study</b>	4 b, e or f (only necessary if 4d is unsuccessful at camp)*	
	7b (pack own gear, share patrol equipment, show packed properly)			5 (project to influence number of mammals)	
	9a (20 nights of camping)		<b>Mining in Society</b>	2 Obtain a state map, mark 5 major enterprises & resources at each	
	9b (do 2 of the following on camping experiences)			8b (3 career opportunities, come prepared to present about a chosen career opportunity)*	
<b>Chemistry Not Offered in 2022</b>	4a (raw onion, cooked onion, caramelized onion - taste each type)		<b>Orienteering</b>	7 (do the following)	
	7 (do one of the following)			8 (do one the following)	
<b>Electricity</b>	2 (electrical home safety inspection)				9 Act as an official at an orienteering event
	8 (floor plan of lights, switches & outlets of a room at home)		<b>Photography</b>	bring own camera	
	9a (read electric meter, use electric bill to determine cost of energy used)			6 (do one the following)*	
	9b (five ways your family can conserve energy)*			7 (do the following)*	
	9e (hook a model electric train to house circuit, tell how it works)		<b>Reptile &amp; Amphibian Study</b>	8 (complete a or b)	
<b>Energy</b>	4 (14 day log how family reduce energy use)			9 (complete a or b, 9 c will be completed at camp)	
	5 (notebook 5 examples of energy waste at home, school or community & how to fix)		<b>Scouting Heritage</b>	2a (please come with printed information on your 2 individuals)	
	6 (Pie charts for the following items)*			4 (do one the following)	
<b>Environmental Science</b>	3a.2 (ECOLOGY- Green house effect experiment, keep journal)*			5 Learn about the history of your unit, create a report	
	3e.1-3 (ENDANGERED SPECIES - Choose one option and complete)*		6 Make a collection of personal patches & Scouting memorabilia		
	4b (3 visits to each study area, total of 6 visits) if 4a does not get done at camp then from what you learned in 4a then do 4b.		7 On a Scout outing layout a trail, must cover at least one mile. . .		
<b>First Aid</b>	5 (using the construction project provided, identify items for environmental study)		<b>Signs, Signals &amp; Codes</b>	8 a-d (choose 3 of the following and practice signals to be prepared to show at camp)*	
	1st class Rank ( because class it taught near our lake )		<b>Space Exploration</b>	5b Scrapbook about a planetary mission	
	5a (prepare home 1st aid kit - bring kit or photo of kit and contents to camp)			7 design an inhabited base - make a model or drawings	
5b (inspect troop 1st aid kit & evaluate it, report findings to scout leader)		<b>Weather</b>		9 (do one of the following)	
<b>Game Design</b>	6b-c (prototype your game - MUST COMPLETE AFTER ATTENDING CAMP)		<b>Wood Carving</b>	Must have Totin Chip	
	7b-c (blind test your game - MUST COMPLETE AFTER ATTENDING CAMP)		<b>Wilderness Survival</b>	5 put together a personal survival kit - explain each items usefulness	
<b>Geocaching</b>	7 (3 posted geocaches for your city from www.geochaching.com)		<b>One Match Firebuilding</b>	Must have Firem'n Chit	
	8 (do one of the following)*		<b>ATV ASI Certification</b>	Online Safety Class website - <a href="https://atvsafety.org/atv-ecourse">https://atvsafety.org/atv-ecourse</a>	Print your
	9 (plan a geohunt for youth group)			certificate and bring it to camp with you	
<b>Swimming &amp; Water Rescue</b>	Safe Swim Defense Class		<b>ATV Evening Trail Ride</b>	ALL PARTICIPANTS MUST HAVE A VALID ASI / ATV SAFETY INSTITUTE TRAINING CARD SHOWING COMPLETION OF THE TRAINING COURSE.	
	Read Sections 1 & 2 of Aquatics Supervision Manual (this requirement applies to both SWR & PCS classes)				
<b>Paddle Craft Safety</b>	Safety Afloat Training				

Your signature below indicates that you have reviewed the prerequisites with the scout named above and confirm that the scout has met the requirement as written in the Merit Badge Book.

Scoutmaster Signature \_\_\_\_\_ Date: \_\_\_\_\_

All Aquatics Merit Badges at Medicine Mountain require passage of the BSA Swimmers Test. Swim Test must be completed at Medicine Mountain due to our lake temperatures.

\* denotes requirement may be covered at camp, can be done prior but please bring photos of the item for class discussion.

**Photocopy this sheet for each merit badge and turn it in to your Merit Badge Counselor.**

Please include any other special merit badge notes on the back of this sheet.