



**Ma-Ka-Ja-Wan Scout Reservation**  
**Merit Badge Class Capacities and Pre-requisites**  
 2023 Edition



Program Area	Merit Badge Name	East Capacity per session	West Capacity per session	Pre-Requisites	Minimum Age	Badge Requirements Covered	Requirements Not Covered	Cost	Material
Aquatics	*Stand-Up Paddleboard Award*	8	8	None	None	1,2,3,4,5,6a-b,7a-b,8a-k,9a-c			
Aquatics	Canoeing	30	30	None	None	All Requirements Covered			
Aquatics	Kayaking	16	16	None	None	All Requirements			
Aquatics	Lifesaving	30	30	Must have Swimming MB & 1st Class	13+	All Requirements			
Aquatics	Motorboating	8	8	Must be First Class	14+	All Requirements		2 tokens	Gas
Aquatics	Rowing	20	20	None	None	All Requirements			
Aquatics	Small-Boat Sailing	26	26	None	14+	All Requirements			
Aquatics	Swimming	20	20	None	None	All Requirements			
Eco-Con	Archaeology	16	Not Offered	None	None	1, 2, 3, 4, 5, 6, 9, 10 (Option B), 11	7, 8		
Eco-Con	Astronomy	24	24	None	None	All Reuirements can be completed at camp			
Eco-Con	Bird Study	24	24	None	None	All requirements			
Eco-Con	Environmental Science	20	20	None	None	All Requirements			
Eco-Con	Fish and Wildlife Management	24	24	None	None	1,2,3,4,5b,6b,7a,8			
Eco-Con	Fishing	12	20	None	None	All requirements			
Eco-Con	Forestry	24	24	None	None	All Requirements			
Eco-Con	Geology	24	24	None	None	All Requirements			
Eco-Con	Insect Study	24	24	None	None	1a-b,2,3,4,5a, 6b,7,8,10,11,12,13	5b, 6a,9		
Eco-Con	Nature	24	24	None	None	All Requirements			
Eco-Con	Oceanography	24	24	None	None	All Requirements			
Eco-Con	Pulp & Paper	24	24	None	None	All Requirements			



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Eco-Con	Reptile/Amphibian + Mammal Study	24	24	None	None	MS: All Requirements R&A: 1, 2, 3, 4, 5, 6, 7, 9, 10	R&A: #8		
Eco-Con	Soil and Water Conservation	Not Offered	14	None	None	All Requirements			
Handicraft	Art	24	24	None	None	1a,2,3,4a,4c,4d,4g,5a,6,7			
Handicraft	Basketry*	24	24	None	None	All Requirements		3 tokens	Kit
Handicraft	Composite Materials	8	8	Tenderfoot	None	1,2,3,5a,5b,5c,6		4 tokens	Resin, Polymers, Fiberglass
Handicraft	Indian Lore	24	24	None	None	All Requirements		3 tokens	Kit
Handicraft	Leatherwork*	24	24	None	None	All Requirements		3 tokens	Kit and Lanyard
Handicraft	Metalwork	12	12	None	13+	All Requirements (Option 1)		2 tokens	Metal
Handicraft	Photography	24	24	Current Cyber Chip - Must have smartphone at camp	None	1a,1b,2,3,4b,4d,5c,5d,5e, 7a,7b,8	6, 7c		
Handicraft	Pottery and Sculpture	14	14	None	None	Pottery - All Requirements Sculpture - All covered at camp		3 tokens	Clay
Handicraft	Space Exploration	12	12	None	None	All Requirements		3 tokens	Rocket Kit
Handicraft	Woodcarving*	24	24	Totin' Chip	None	All Requirements		2 tokens	Kit
High Adventure	Animal Science	20 total		None	11	All Requirements (Horse or Avian Option)		\$15	Additional livestock care
High Adventure	Climbing	16 total		None	11	All requirements covered at camp			
High Adventure	Coureur des Bois	20 total		None	13			\$30	
High Adventure	Cycling	20 total		None	13	1,2,3,4,5,6 (Mountain Bike Option)		\$10	Bike Maintenance



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High Adventure	Horsemanship	20 total		None	13	All Requirements		\$50	Includes trail rides
Pinnacle	Chess	10	10	None	None	1,2,3,4,5,6a			
Pinnacle	Emergency Preparedness	24	24	Must Have First Aid Merit Badge	13	2a, 2b,3,4,5,6,7,8a,9c	2c,8b		
Pinnacle	Fingerprinting	24	24	None	None	All Requirements			
Pinnacle	Fire Safety	24	24	None	13	1,2,3,4,5,7,8,9,10, 11, 12,13	#6		
Pinnacle	Landscape Architecture	18	18	None	None	All Requirements			
Pinnacle	Search and Rescue	20	20	None	13	All Requirements			
Scoutcraft	Camping	24	24	None	None	1, 2, 3, 4, 5, 6, 7, 8a, 8b, 9b2, 9b, 9b6, 9c, 10	8c, 8d, 9		
Scoutcraft	Cooking	15		None	None	1, 2, 3, 7	4, 5, 6		
Scoutcraft	First Aid	24	24	None	None	1,2,3,4,5b,6,7,8,9,10,11,12,13, 14	5A		
Scoutcraft	Hiking/ Backpacking	24	24		None	Hiking: 1, 2, 3, Backpacking:1,2,3,4,5,6,7,8, 9	H: 4, 5 B: 10,11		
Scoutcraft	Orienteering	20	20	None	13	1,2,3,4,5,6,7	8,9,10		
Scoutcraft	Pioneering	24	24	None	None	All Requirements			
Scoutcraft	Signs, Signals, and Codes	24	24	None	None	All Requirements			
Scoutcraft	Wilderness Survival	24	24	None	13+	All Requirements			
Shooting Sports	Archery	24	24	None	None	All requirements (Compound Bow Option)		1 token	Arrow Kit
Shooting Sports	Rifle Shooting	24	24	None	None	All Requirements (Modern Cartridge)		1 token; 30 shots	Ammunition
Shooting Sports	Shotgun Shooting	10	Not Offered	Must be physically able to hold a shotgun in proper shooting position for 1-2 minutes at a time	None	All Requirements Modern Shotshell Option		3 tokens; 50 shots	Ammunition Clays