

EQUIPMENT LISTS

To help prepare for your adventure, Philmont recommends the following personal and crew equipment. If you have any questions on any of the items included in the Equipment Lists, please contact Philmont's Tooth of Time Traders at (575) 376-2281 or toothoftimetraders@scouting.org.

YOUR PERSONAL EQUIPMENT

LOWER BODY LAYERS

You will need 1-2 synthetic insulating layers. All must fit comfortably over each other, so they can be worn in combination.

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Base Layer	1	Long underwear bottom, mid-weight, synthetic or wool. Used for cold mornings or evenings & as extra warmth while sleeping.	T	
Rain Pants	1	Lightweight & sturdy	T, A	
Long Pants	1	Pants needed for spar pole climbing, horseback riding, cold weather, and conservation project. No heavy jeans		
Underwear	3		T	
Hiking Shorts	2		T	

UPPER BODY LAYERS

It is imperative to layer your clothing, combining different garments to achieve protection from the elements and optimum insulation. Synthetic or wool layers are recommended as they insulate when wet. Avoid cotton as it does not insulate when wet.

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Base Layer	1	Long underwear top, mid-weight, synthetic or wool. Used for cold mornings or evenings & as extra warmth while sleeping.	T	
Middle Layer	1	Wool sweater or fleece pullover	T	
Top Layer	1	Lightest and warmest available. Wool or fleece is best since they both provide warmth if wet.	T, E	
Rain Jacket	1	Sturdy, waterproof jacket with a hood. Layer over fleece for extra warmth.	T, A, E	
Shirt – Short Sleeve	2	Moisture wicking; avoid cotton.	T	
Shirt – Long Sleeve	1	Moisture wicking; avoid cotton. Warmth layer for cold mornings or evenings.	T	
Sports Bra	2	Synthetic blend	T	

HEAD/NECK/HANDS

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Wool or Fleece Hat	1	Preserves body heat during cool evenings and while sleeping.	T	
Glove Liners or Mittens	1	Polypro or wool is best for warmth in cool, wet conditions. Work gloves for conservation projects are provided.	T	
Baseball Cap or Wide Brim Hat	1	Protect ears and face from the sun.	T	

PACKS AND BAGS

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Backpack	1	Internal frame 75L (4600 cubic in) External frame 65L (3966 cubic in) Rental available w/pack cover = \$30	T	
Summit or Daypack	1	For side hikes	T, S	
Lashing Straps	1	To hold sleeping bag or other gear on pack.	T	
Gallon Ziploc Bags	6-12	Keep your gear dry and clothing organized.	T	
Pack Cover	1	Waterproof; make sure it fits over the pack when full and any external items.	T, A	
Small Stuff Sacks	2-3	Pack personal items and keep organized.	T	
Ditty Bags	2-3	Put all personal smellables in one bag to and raise in the bear bag at night.	T	

SLEEPING GEAR

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Sleeping Bag	1	Rated to 20°F and less than 4 lbs.	T	
Waterproof Stuff Sack	1	Alternatively, you can also use a compression sack lined with a plastic trash bag.	T	
Sleeping Pad	1	Provides padding and insulation from the ground.	T	
Sleep Clothes	1 set	Worn only in your sleeping bag; T-shirt and gym shorts are acceptable.	T	

FOOTWEAR

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Boots	1 pair	Well broken in boots that are durable and fit comfortably. Trail runners are accepted, but boots with ankle support are highly recommended.	T	
Socks	3 pairs	Synthetic or wool.	T	
Liner Socks	3 pairs	Synthetic or wool; wicks away sweat from foot and can help prevent blisters.	T, O	
Camp Shoes	1 pair	Sturdy, lightweight, closed-toe shoes; Used in camp, on side hikes, for rock climbing, biking, etc.	T, O	

MICELLANEOUS ITEMS

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Bowl	1	Deep bowl; lightweight material	T	
Mug/Cup	1	12-20 oz.; measuring style recommended.	T, O	
Spoon/Spork	1	Lightweight	T	
Water Bottles	4+	Waters bottles should have 1-quart capacity; any combination of bladders and bottles are accepted, but at least one water bottle is necessary; minimum total water capacity per person = 4 quarts	T, A, BB, E	
Pocket Knife	1	Small knife for opening food packages and water purification tablets.	T, A, S, E	
Matches or Lighter	1	Pack in waterproof container for lighting camp stove; can be shared w/buddy or among the crew.	T, BB, S, E	
Flashlight or Headlamp	1	Durable and lightweight; everyone in the crew should have a personal light source; bring extra batteries.	T, E	
Trekking Poles w/rubber tips	1 pair	Rubber tips prevent erosion of trails; can reduce impact on ankles and knees by up to 25%; improve balance especially for stream crossings.	T, O	
Philmont Sectional Maps	2 sets	Overall maps are not suitable for navigation; sectional maps provide more detail for accurate navigating.	T, A, S, E	
Compass	1	Liquid filled compass w/rotating dial is optimal.	T, A, S, E	
Bandana or tube headgear	2	Serves as a washcloth, hot pot holder, and a variety of other uses.	T, BB	
Money	\$20-\$50	ATM in base camp; small bills; backcountry trading posts have a variety of items.	BB	
Lip Balm	1	Moisturizing balm with SPF 25+	T, A, BB	
Soap	1	Biodegradable; for body and clothes; small amount needed.	T, BB, S	
Toothbrush	1	Travel size	T, BB	
Toothpaste	1	Small amount needed.	T, BB, S	
Camp Towel	1	Quick drying and small.	T	
Tampons and/or Pads		Strongly recommended for all female participants to bring; enough supplies for duration.	T, BB	
Personal Medication		Enough for entire trek.	BB	
Sunglasses	1		T	
Watch	1	Several recommended throughout crew members; preferable with an alarm feature.	T, O, E	
Camera	1	Bring sufficient supply of batteries and memory cards.	T, BB, S	

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Whistle	1	To signal an emergency	T, E	
Fishing Equipment	1	Some itineraries have fishing opportunities.	T, O	
Fishing License	1	NM State fishing license required; Purchase at Tooth of Time Traders or www.wildlife.state.nm.us .	T, O	
Postcards	1+	Pre-stamped; Mailing available while on trek.	T, O	
Foot Powder	1	Can soothe tired feet, absorb moisture, and reduce chance of blisters.	T, BB, S, O	
Notepad & Pen	1	For journals or emergency messages; The Philmont Passport is great for journaling.	T, BB, O	

CODE: (T)=Available at Philmont's Tooth of Time Traders; (A)=Easily accessible in pack or carried on person; (BB)=Packed in bear bag at night; (S)=Share with a buddy; (O)=Optional

ITEMS PROHIBITED:

- Deodorant
- Radios
- MP3 Players
- Video Game Devices
- Hammocks
- Turkey Bags
- Bear Bag Pulley Systems

EQUIPMENT PROVIDED BY CREW

Necessary items for each crew to bring or purchase upon arrival.

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Sewing Kit	1	Heavy thread & needle used to repair pack, tents, clothing, etc.	T	
Tent Stakes		5 tent stakes per person for tents and dining fly.	T	
Water Container	2-3	Collapsible containers; 2.5 gallon capacity.	T	
Backpacking Stove	2	Ability to safely hold an 8 quart pot.	T	
Fuel Bottle	2	1 quart capacity	T	
Multi-Tool	1		T	
First Aid Kit	1	See recommended items in the <i>Guidebook to Adventure</i> or Appendix I	T, BB	
Duct Tape	1	For repairs on the trail	T, BB	
Spices		For cooking	T, BB, O	
Waterproof Ground Cloth	1 per tent	5' x 7'	T	
Nylon Cord	3	50 feet in length; 1/8 inch in diameter	T	
Sunscreen	2-3	6oz tubes; SPF 25 or higher	T, BB	
Insect Repellent	2	Small bottles, no aerosol spray cans	T, BB	
Water Purifiers or Filters	2-3	Optional; Philmont will provide Micropur water purification tablets; if using a water filter, you must still use a purifier to eliminate viruses.	T	
Trowel or Shovel	1		T	
Carabiner	1	Carabiner must be climbing rated for use rigging "oops" bag with bear bags.	T	

EQUIPMENT ISSUED BY PHILMONT

Each crew of 7-12 persons is issued the following equipment free of charge (except for any damage or replacement charges upon return).

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Thunder Ridge Shelter (Dining Fly)	1	12' x 10'; weight 2lbs, 3oz; Crews may bring their own; A wide/short dining fly is preferred over a tall narrow one.		
Collapsible Poles	2	For dining fly; weight 1lb, 5oz; Trekking poles are a convenient substitute.		
Philmont Thunder Ridge Tent	1 per 2 ppl	Weight with poles 5lbs, 13oz; Footprint 88" x 54"; Personal tents must be fully enclosed; Single person tents are NOT allowed due to larger overall camp impact, except in the event of odd numbered crews or male/female tenting needs.		
Cooking Pot	1	8 quart aluminum pot with lid; weight 1lb, 12.8oz; Must be large enough to cook for everyone in the crew; Must be large enough to fully submerge dishes and utensils for sanitizing before eating.		
Dishwashing Pot	1	8 quart aluminum pot without lid; weight 1lb, 4oz; Must be large enough to heat water for washing and rinsing.		
Large Spoon	1	3oz		
Hot Pot Tongs	1	4oz; Multi-tool with pliers or hook can be used instead.		
Plastic Trash Bags	10	Personal preference; multi-purpose	C	
Salt/Pepper		Personal preference for meals.	BB, C	
Dishwashing Soap	1	Camp Suds; a little goes a long way.	BB, C	
Hand Sanitizer	1	Personal hygiene	BB, C	
Scrub Pads	1	1 large piece that can be cut into smaller pieces for cleaning pot and dishes after dinner.	BB, C	
Water Purifier Tablets	10 per prsn	Crew will receive 1 sheet that holds 10 tablets for each person in their crew; 1 Micropur tablet treats 1 liter of water; save empty sheets for resupply at backcountry commissaries.	C	
Bear Rope	2-3	Nylon; weight 1lb, 3.2oz each; 100 feet in length, 1/4 in in diameter; We require that crews use Philmont bear rope or personal rope of equivalent dimensions; Smaller ropes are more difficult to hoist, can fray, and can either snap on bear cable or damage bear cable; 2 ropes on Philmont property, 3 ropes off Philmont property.	BB	
Bear Bags	5-8	For hanging food and other smellables; weight 1lb, 8oz; can hold up to 20 liters.	BB	
Food Strainer & Scraper	1	8oz	BB	
Toilet Paper		Please refrain from binging personal toilet paper—it could be considered smellable and may not be biodegradable.	C	

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