



Lost on the Moon

The Situation

Your spaceship has just crash landed on the dark side of the moon. You were scheduled to rendezvous with a mother ship 200 miles away on the lighted side of the moon, but rough landing has ruined your ship and destroyed all the equipment on board, except for the 15 items listed below.

Your crew's survival depends on reaching the mother ship, so you must choose the most critical items available for the 200 – mile trip. Your task is to rank the 15 items in terms of their importance for survival. Place a number 1 by the most important item, number 2 by the second important, and so on through number 15, the least important.

The Process

1. Begin the activity by ranking the items individually
2. Next, rank the items as a group
3. After completing the rankings, use a copy of the answer guide to determine the individual group process.

Individual Rank	Group Rank	Item
		Box of matches
		Food concentrate
		Fifty feet of nylon rope
		Parachute silk
		Solar – powered portable heating unit
		Two .45 caliber pistols
		One case of dehydrated milk
		Two 100 – pound tanks of oxygen
		Stellar map of the moon's constellations
		Magnetic compass
		Self- inflating life raft
		Five gallons of water
		Signal flares
		First aid kit containing injections needles
		Solar powered FM receiver - transmitter