

Lost on the Moon Activity

Analysis: Review the maps, photos, movies and data on the moon available on the website, recording the similarities and differences between the earth and the moon with respect to gravity, atmosphere, lighting, radiation, magnetic field, visibility, surface, etc.

	Earth	Moon
gravity		
atmosphere		
magnetic field		
solar radiation		
day/night cycle		
surface		
topography		
temperature		

Brainstorming: Write down as many ideas as possible regarding the potential use of the following 15 items in your trek to the research station. Do not discuss or evaluate the merit of the ideas expressed.

rank	item	possible uses
	box of matches	
	10 kg dehydrated food	
	50m of nylon rope	
	parachute silk	
	portable heating unit	
	two 45 caliber pistols	
	case of dehydrated milk	
	two 100kg tanks of oxygen	
	stellar map	
	life raft	
	magnetic compass	
	traditional signal flares	
	first aid kit	
	solar-powered FM receiver/transmitter	
	10 liters water	