



Moon, Mars, and ISS



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Lunar Problem Teacher Notes

<u>Rank</u>	<u>Item</u>	<u>Reason Why?</u>
<u>4</u>	Food concentrate	Would supply daily food requirement
<u>6</u>	Fifty feet of nylon rope	Useful in tying injured together-help in climbing
<u>9</u>	Portable heating unit	Useful only if party on unlighted area of the moon
<u>8</u>	One case of dehydrated milk	Mix with water for drinking if other food exhausted
<u>1</u>	Two 100 lb. tanks of oxygen	Fills respiration requirements
<u>3</u>	Star map	One of the principle means of finding direction
<u>10</u>	Magnetic compass	Negligible magnet field on moon, probably useless
<u>2</u>	Five gallons of water	Replenishes loss by sweating, etc.
<u>7</u>	First aid kit containing injection needles	Oral pills and injection medicine valuable
<u>5</u>	Solar-powered radio	Distress signal transmitter, possible communication with base.