

HANDOUT 3.2: SPACE SURVIVAL – RANKING OF ITEMS BY EXPERTS

Review the list of items and how they have been ranked by an expert team of scientists and engineers at NASA.

Oxygen	1	Fills respiration requirements
Water	2	Replenishes fluid lost by sweating, etc.
Map	3	One of principal means of finding directions
Food	4	Supply daily food required
FM receiver	5	Distress signal transmitter, possible communication with another ship
Rope	6	Useful in tying injured together, help in climbing
First aid kit	7	Oral pills or injection medicine available
Parachute	8	Shelter against sun's rays
Raft	9	CO bottles for self-propulsion across chasms, etc.
Flares	10	Distress call when line of sight possible
Pistols	11	Could be used to create self-propulsion devices
Milk	12	Food mixed with water for drinking
Heating unit	13	Useful only if party landed on dark side
Compass	14	Probably no magnetized poles, therefore useless
Matches	15	Little or no use on moon (no oxygen)

SCORE EVALUATION:

0 – 25	Excellent. You and your crew demonstrate great survival skills!
26 – 32	Good. Above average results. Yes, you made it!
33 – 45	Average. It was a struggle, but you made it in the end!
46 – 55	Fair. At least you're still alive, but only just!
56 – 70	Poor. Sadly not everyone made it back to the mother ship!
71 – 112	Very poor. Oh dear, your bodies lie lifeless on the surface of the moon!