

Mini MOOC

Fly me to the Moon

ENGAGE

Accident on the Moon



Hello, this is ERA6 and you are in our first training module : **Accident on the Moon**

Objective of this course :

Knowing the lunar environment is fundamental. The future colonists will have to make decisions and in particular they will have to be able to choose the most suitable tools for life on the Moon.

You are part of the crew of a spacecraft originally programmed to reach a mother rocket from the illuminated side of the moon. Due to mechanical problems, you had to land about 320 km from the scheduled rendezvous. During the landing, most of the on-board equipment was damaged, except for the 15 objects below. It is vital for your crew to get back to the mother rocket and you must choose the essential equipment for this long trip.

The exercise consists in classifying the 15 items in order of necessity. Put the number 1 in front of the one you think is most important, 2 in front of the next one, and so on until you reach 15 in front of the one you think is least useful (Appendix 2 - decision sheet).

Objects	Individual ranking	Difference in points	Collective ranking	Difference in points	Ranking of N.A.S.A.
A matchbox					
Concentrated food					
50 meters of nylon rope					
A silk parachute					
A solar powered heater					
2 x 45 caliber pistols					
A case of powdered milk					
2 tanks of 50 kg of oxygen each					
A celestial map of the lunar constellations					
A self-inflating lifeboat					
A magnetic compass					
25 liters of water					
A medical kit and hypodermic syringes					
Light signals					
A solar powered transceiver (medium frequency)					
	Total :		Total :		