

## Lab: Lost on the Moon

### BIOLOGY

**Directions:** *Your spaceship has just crash-landed on the moon. You were schedule to rendezvous with a mother ship 200 miles away on the lighted surface of the moon but the 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 trip.*

- *Your task is **to rank the 15 items** in terms of their **importance for survival**. Place the number 1 by the most important, number 2 by the second most important, and so on. After each of the 1st five and after the last five items write a reason that you placed it there. This is a life and death situation, your survival depends that you get these all correct.*
- *Now you will complete this exercise in a small **group of 4 or 5 individuals**.*
- *You will have **5 minutes** to rank these in order, however your group **MUST** have a consensus as to each ranking and again put your reason down as to why you ranked each item as you did*

\_\_\_\_\_ **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)**

\_\_\_\_\_ **Self-inflating life raft**

\_\_\_\_\_ **Magnetic compass**

\_\_\_\_\_ **Five gallons of water**

\_\_\_\_\_ **Signal flares**

\_\_\_\_\_ **First-aid kit containing injection needles**

\_\_\_\_\_ **Solar-powered FM receiver-transmitter**