**Appendix 1**

**Instructions for the NASA Exercise.**

**Individual Instructions**

The five of you belong to a team of astronauts. Your mission was to link up with the mother ship on the light side of the moon. Due to technical difficulties your space ship had to land 300 kilometres from the mother ship.

Most of the supplies on board your spaceship were destroyed during the landing and your survival depends on reaching the mother ship.

You can only carry essential items with you to travel this distance; you will subsequently receive a list of fifteen items that have survived the landing.

Your task is to classify the items the crew will carry. Mark the most important item with a 1, the second most important with a 2 and so on until you have classified all the objects.

**Appendix 2**

**Group Instructions**

Once you have completed your own classification of the objects you are to get together with the rest of the group and arrive at a unanimous general classification. This means that you must decide the place that each object occupies by unanimous agreement. It is difficult to reach unanimous decisions because each individual has their own idea of what’s right. Even so, try and arrive at a list that everyone basically agrees with.

Remember that you must decide each item’s position with the consensus of the entire group:

Avoid imposing your list on the rest; present a logically argued case;

Avoid compromising just to reach an agreement or prevent arguments: only do so when others’ arguments seem more logical and sensible.

Avoid votes, majority decisions or pacts (if you scratch my back, I’ll scratch yours)

The aim is to find the best solution for everyone.

**Appendix 3**

**The list of Items**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **I** | **G** | **N** | **I-N** | **G-N** | **I-G** |
| A box of matches |  |  |  |  |  |  |
| Concentrated foods |  |  |  |  |  |  |
| 20 metres of nylon cord |  |  |  |  |  |  |
| 30 square metres of parachute silk |  |  |  |  |  |  |
| A gas stove |  |  |  |  |  |  |
| Two 7.65 mm pistols |  |  |  |  |  |  |
| Powdered milk |  |  |  |  |  |  |
| Two 50 litre oxygen tanks |  |  |  |  |  |  |
| A star chart |  |  |  |  |  |  |
| A pneumatic life raft with tanks of CO2 |  |  |  |  |  |  |
| A magnetic compass |  |  |  |  |  |  |
| 20 litres of water |  |  |  |  |  |  |
| Signal flares (suitable for lunar use) |  |  |  |  |  |  |
| First aid kit |  |  |  |  |  |  |
| A solar energy FM radio receiver |  |  |  |  |  |  |