

A Learning Challenge: Answer Sheet

Your challenge ...

	Experts' ranking	Group ranking	Difference score
Magnetic compass	12		
Heavy-duty canvas	7		
Book	10		
Rear-view mirror	1		
Large knife	5		
Torch	8		
Jackets	2		
Transparent plastic ground cloth	4		
Pistol	9		
2-litre water bottles	3		
Accurate map	11		
Kitchen matches	6		

Why?

1. You need to prevent dehydration	Stay calm, wear as many clothes as possible, stay in shade, minimise movement, drink water. Any activity will speed up dehydration. Therefore jackets and canvas for shade are as important as is the water.
2. You need to signal for help	The mirror is the best signalling device. It can generate 5–7 candle power of light which may be seen beyond the horizon. The canvas shelter can drop the temperature by 20° but also can easily be spotted from the air. The torch provides a quick night signalling device. The pistol is also a signalling device since speech is seriously impaired by dehydration. Building fires — smoke during day, fire by night — is also good for signalling.
3. Obtain as much water as possible	Obtain purified water by building a solar still. Stretch groundsheets a few inches above waterhole, tilting to drain into water bottles. Knife will help in cutting stakes for this.
4. Protecting yourself from cold	Jackets, matches and canvas important here.
5. Gathering food	Don't eat protein — it takes water to digest it. Don't hunt as this will lead to dehydration. Plant book will be helpful.
6. Don't walk	Therefore the map and compass are not helpful.