

# Lost on the Moon!

## 4<sup>th</sup> Grade Space Remote Learning Lesson, Tuesday, May 5

Please join us in TEAMS today for your last TAG class virtual meeting. *Geurin/Waller 10:00: Keller 10:30*

*This is your last TAG lesson for the year. Next week you can work on make-up work.*

Your spaceship has just crash-landed on the light side of the moon. You were scheduled to rendezvous with a mother ship 200 km away on the surface of the moon, but the rough landing has ruined your ship and destroyed all 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 for the 200 km trip. Your task is to rank the 15 items in terms of their importance for survival. Do this **first by yourself, without any input from anyone else**. Place 1 by the most important item, 2 by the second most important, and so on through 15, the least important. Write an explanation as to why you gave the rankings you did.

Then, rank the items a second time. **This time, consult your family!** Show them your rankings and explanations, and then rank them again with your family. Your family will talk, and come to a consensus (agreement). Write explanations as to why your family gave the rankings they did. If your entire family cannot do it at the same time, do it with whoever is home with you. **You will probably need some information about the moon, so go [HERE](#), to learn more about the conditions there. You can also watch [THIS VIDEO](#) for even more information about the moon. And [here's](#) a great answer to the question, "What would it be like to live on the moon?"**

NASA experts have determined the best solutions; their answers will be revealed later! Good luck in your quest to reach the mother ship. Scroll down to view the items and to find the place you will record your rankings and explanations.

## Lost on the Moon

	Step 1	Step 2	Step 3	Step 4	Step 5
Item	Your Ranking (1-15)	Reasons supporting your rankings Rank and explain alone first. <u>You must explain why you are ranking the items the way you are.</u>	Your family (TEAM) ranking (1-15)	Reasons supporting your family rankings <u>(You must explain why your family is ranking the items the way you are.)</u>	NASA's Ranking (will be shared with you in TEAMS on May 6 <sup>th</sup> at noon)
Box of matches					
Food concentrate					
50 ft. of nylon rope					
Parachute silk					

<b>Solar-powered portable heating unit</b>					
<b>Two .45 caliber pistols</b>					
<b>One case of dehydrated milk</b>					
<b>Two 100 pound tanks of oxygen</b>					
<b>Stellar map of moon's constellation</b>					
<b>Self-inflating life raft</b>					

<b>Magnetic compass</b>					
<b>Five gallons of water</b>					
<b>Signal flares</b>					
<b>First-aid kit with injection needles</b>					
<b>Solar- Powered FM receiver- transmitter</b>					