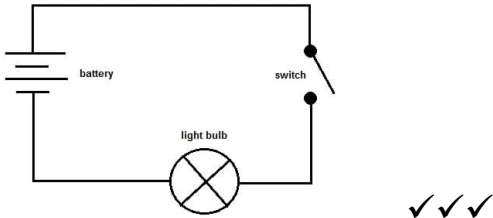




**TOM NEWBY SCHOOL**  
**GRADE 6 NS/TECH 2021**  
**MEMORANDUM**



Question	Answer	Mark Allocation	Level	Order
1.1	C ✓	1	1	L
1.2	D ✓	1	1	L
1.3	A ✓	1	1	L
1.4	B ✓	1	1	L
1.5	C ✓	1	1	L
2.1	Source ✓	1	1	L
2.2	Switch ✓	1	1	L
2.3	Electrician ✓	1	1	L
2.4	Symbol ✓	1	1	L
2.5	Output ✓	1	1	L
3.1	False, it is a conductor ✓	1	1	L
3.2	False, metal ✓	1	1	L
3.3	True ✓	1	1	L
3.4	True ✓	1	1	L
3.5	False, people can die ✓	1	1	L
4.1	Radio ✓, sound ✓, it allows people to listen to the news and be entertained. ✓	3	3	M
4.2	Heater ✓, heat ✓, it allows people to keep warm during winter. ✓	3	3	M
4.3	Remote controlled car ✓, movement ✓, it allows children to have fun with toys. ✓	3	3	M
5		3	3	M
6.1	Turn off the geyser when you not using it. <b>OR</b> Use a geyser blanket to	1	1	L

	stop the geyser from losing heat. ✓											
6.2	Solar panels collect energy from the sun. ✓ The sun converts the energy from the sun into electricity or heat. ✓ This energy is then sent to our homes through conduction wires. ✓	3	5	H								
6.3	<table border="1"> <thead> <tr> <th>Non-renewable</th> <th>Renewable</th> </tr> </thead> <tbody> <tr> <td>1. Cannot be remade quickly or replaced easily. ✓</td> <td>1. Will not run out and are free to use. ✓</td> </tr> <tr> <td>2. They cause pollution. ✓</td> <td>2. There is no risk of pollution. ✓</td> </tr> <tr> <td>3. People use them because they are cheap. ✓</td> <td>3. Machine used are expensive. ✓</td> </tr> </tbody> </table>	Non-renewable	Renewable	1. Cannot be remade quickly or replaced easily. ✓	1. Will not run out and are free to use. ✓	2. They cause pollution. ✓	2. There is no risk of pollution. ✓	3. People use them because they are cheap. ✓	3. Machine used are expensive. ✓	6	6	H
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7.1	G ✓	1	2	L								
7.2	J ✓	1	2	L								
7.3	A ✓	1	2	L								
7.4	F ✓	1	2	L								
7.5	I ✓	1	2	L								
7.6	B ✓	1	2	L								
7.7	H ✓	1	2	L								
7.8	D ✓	1	2	L								
7.9	C ✓	1	2	L								
7.10	E ✓	1	2	L								
8.1	Neil Armstrong ✓ and Buzz Aldrin ✓	2	4	M								
8.2	To explore the surface of Mars. ✓ For avoiding obstacles. ✓	2	4	M								
8.3	Temperatures can drop to freezing point. ✓	1	4	M								
8.4	The light from the sun shines onto the Moon's surface, the moon reflects light from the sun. ✓	1	4	M								
8.5	There is no wind on the Moon to blow them away. ✓	1	4	M								

9.1	During the rotation, the side of the earth facing the Sun experiences daytime. ✓ The opposite side that is away from the sun then experiences night – time. ✓	2	2	L
9.2	a. the turning movement of an object around its axis. ✓ b. an imaginary line through the centre of something. ✓	2	2	L
9.3	It takes 24 hours ✓	1	3	M
9.4	East and sets in the West ✓	1	3	M

**Total: 60**