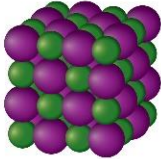
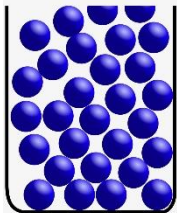
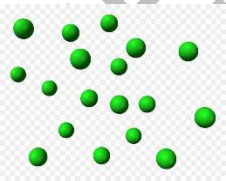




TOM NEWBY SCHOOL
GRADE 6 NS/ TECH JUNE 2022
MEMORANDUM



Question	Answer	Mark Allocation	Level
1.1	False, Photosynthesis✓	1	1
1.2	True✓	1	1
1.3	False, chlorophyll✓	1	1
1.4	False, glucose✓	1	1
1.5	True✓	1	1
2.1	C✓	1	1
2.2	B✓	1	1
2.3	D✓	1	1
2.4	A✓	1	1
2.5	B✓	1	1
3.1	F✓	1	2
3.2	C✓	1	2
3.3	H✓	1	2
3.4	A✓	1	2
3.5	J✓	1	2
3.6	I✓	1	2
3.7	D✓	1	2
3.8	B✓	1	2
3.9	E✓	1	2
3.10	G✓	1	2
4.1	Processing✓	1	1
4.2	Fortified✓	1	1
4.3	Preparing✓	1	1
4.4	Pasteurisation✓	1	1
4.5	Baking✓	1	1
5.1	An ecosystem is an area or habitat that contains living and non- living things. ✓	1	2
5.2	Mountains, grasslands, forests, deserts, rivers, ponds, wetlands, rocky shores or seas. ✓✓ (any 2)	2	1
5.3	A food web is made up of a number of linked food chains. ✓	1	2

5.4	<p>1.Producers: ✓ plants that produce food for themselves, and for animals. ✓</p> <p>2.Consumers: ✓ animals, which are herbivores, carnivores and omnivores. ✓</p> <p>3. Decomposers: ✓ micro-organisms that break down dead plant and animal matter and return nutrients to the soil. ✓</p>	6	3
6.1	 ✓	1	3
6.2	Particles do not move around. ✓	1	4
6.3	 ✓	1	3
6.4	Particles can move around each other. ✓	1	4
6.5	 ✓	1	3
6.6	The particles move in all directions. ✓	1	4
7.1	Using a sieve ✓	1	3
7.2	Filtering ✓	1	3
7.3	Sorting by hand ✓	1	3
7.4	Settling and decanting ✓	1	3
8.1	Seawater - solvent ✓	1	4
8.2	Salt - solute ✓	1	4
8.3	The mixture of the salt and water - solution ✓	1	4
8.4	Dissolving uses mixing to combine a solid and a liquid. ✓ Melting uses heat to convert one solid into a liquid. ✓	2	5

9.1	A wetland is shallow body of water with plants such as reeds and it is a habitat for many unique animals and plants. ✓	1	4
9.2	Pel fishing owl✓ and Palm nut vulture. ✓	2	4
9.3	When a river floods, a wetland provides a place for water to spread out and slow down. ✓ Wetlands are filled with plants that slow down the flow of water. ✓	2	5
9.4	They have used the reeds to build houses, make mats and blankets. They also catch fish to eat.✓✓ (any 2)	2	6
9.5	The slow flowing water allows insoluble substances to settle. Sand and silt sink to the bottom of the wetland. The water becomes clear. Plants absorb nutrients from the water. Many of the nutrients are soluble substances that pollute the water. Plants can also absorb the soluble nutrients that cause eutrophication. Even germs that cause diarrhoea are eaten by microscopic organisms. Water may become drinkable after flowing through a wetland. ✓✓ (any 2)	2	5
9.6	A Basket to store items. ✓ (various)	1	6