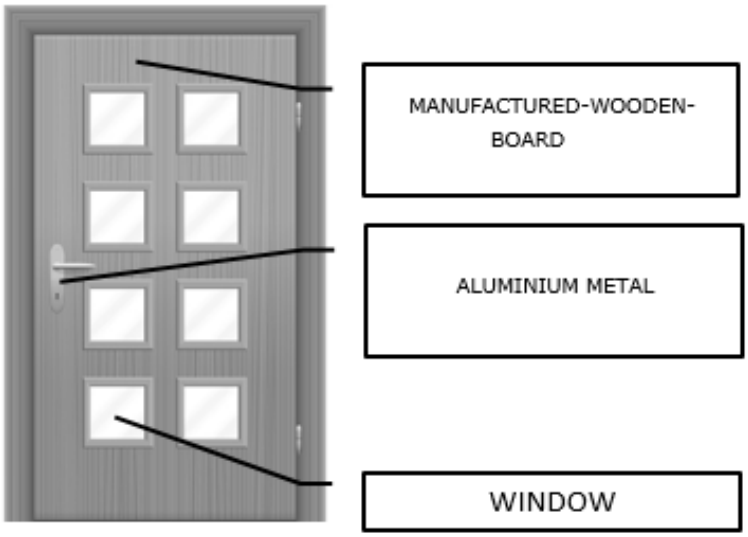
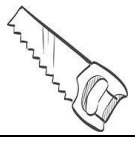
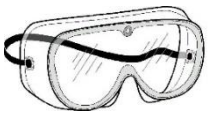
DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Directorate for Learning and Assessment Programmes
Educational Assessment Unit

Core Curriculum Programme

Annual Examinations for Secondary Schools 2022

YEAR 9 SCIENCE AND TECHNOLOGY MARKING SCHEME

Item	Award marks for:	Mark
1a	An organism that has a backbone. *Accept spine.*	1
b	A	1
c	Have feathers Have a beak (with no teeth) *Any one*	1
		Total 3 marks
2a	Germination	1
b	Sunlight/Nutrients/oxygen/air/water/proper temperature *Any one.*	1
c	A – stem B - roots	1 1
		Total 4 marks
3a	This habitat has small pockets of soil and is mainly rock. This habitat has low growing plants such as Thyme (Sagħtar).	1 1
b	It takes many years to break down. It releases harmful substances into the soil/water. Animals may get tangled in the plastic. Animals may eat the plastic and choke/die/remains in their stomach. *Any one or equivalent.*	1
		Total 3 marks
4	 A glass bottle Steam from a boiling saucepan Sea water Solid | Gas | Liquid	1, 1, 1
		Total 3 marks
5a	sugar or copper sulfate	1
	chalk or plastic	1
		Total 2 marks

6a	copper	1
b	Using a magnet	1
c	water and oxygen	1, 1
d	When iron rusts it loses its strength. *Accept any equivalent answers.*	1
		Total 5 marks
7a		1 1
b	Translucent Plastic	1
c	Sketch Design *Award 1 mark for sketches that include a closed door.* *Award 1 mark for sketches that include an open door.*	 1 1
d	Award 1 mark for appropriate use of all 3 terms and another 1 mark for suitable placement as annotations that help to inform the design.	1 1
		Total 7 marks
8a		1
b		1
		Total 2 marks
9	*Award 1 mark for good use of grid to draw the simple form.*	1
		Total 1 mark