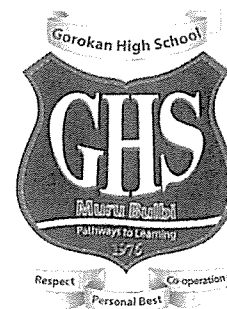


Assessment Task Notification

RESPECT | RESPONSIBILITY | PERSONAL BEST



Faculty: Science	Course: Marine Studies	Time allowed: 2 weeks
Teacher: Zak Watson		Email: zak.watson@education.nsw.gov.au
Task number: 1	Title: Oceans Report	
Year: 2023	Due date: Week 10	Weighting: 20%

Syllabus outcomes assessed:

MAR5.1	identifies and describes a range of marine and aquatic ecosystems and investigates their complex interrelationships
MAR5.3	Identifies, describes and evaluates the effect humans have had on the marine environment.

21st Century and employment related skills:

<input type="checkbox"/>	Communication	<input checked="" type="checkbox"/>	Use of technology
<input checked="" type="checkbox"/>	Critical Thinking	<input type="checkbox"/>	Self-reflection and refinement
<input type="checkbox"/>	Creativity	<input type="checkbox"/>	Problem Solving
<input checked="" type="checkbox"/>	Collaboration	<input type="checkbox"/>	Initiative and Enterprise
<input type="checkbox"/>	Planning and Organising	<input type="checkbox"/>	Cross-Cultural Understanding

Task description:

Using the data from the diagram (Ocean Layers) you will investigate and report on the animals and ecosystems of the ocean zones.

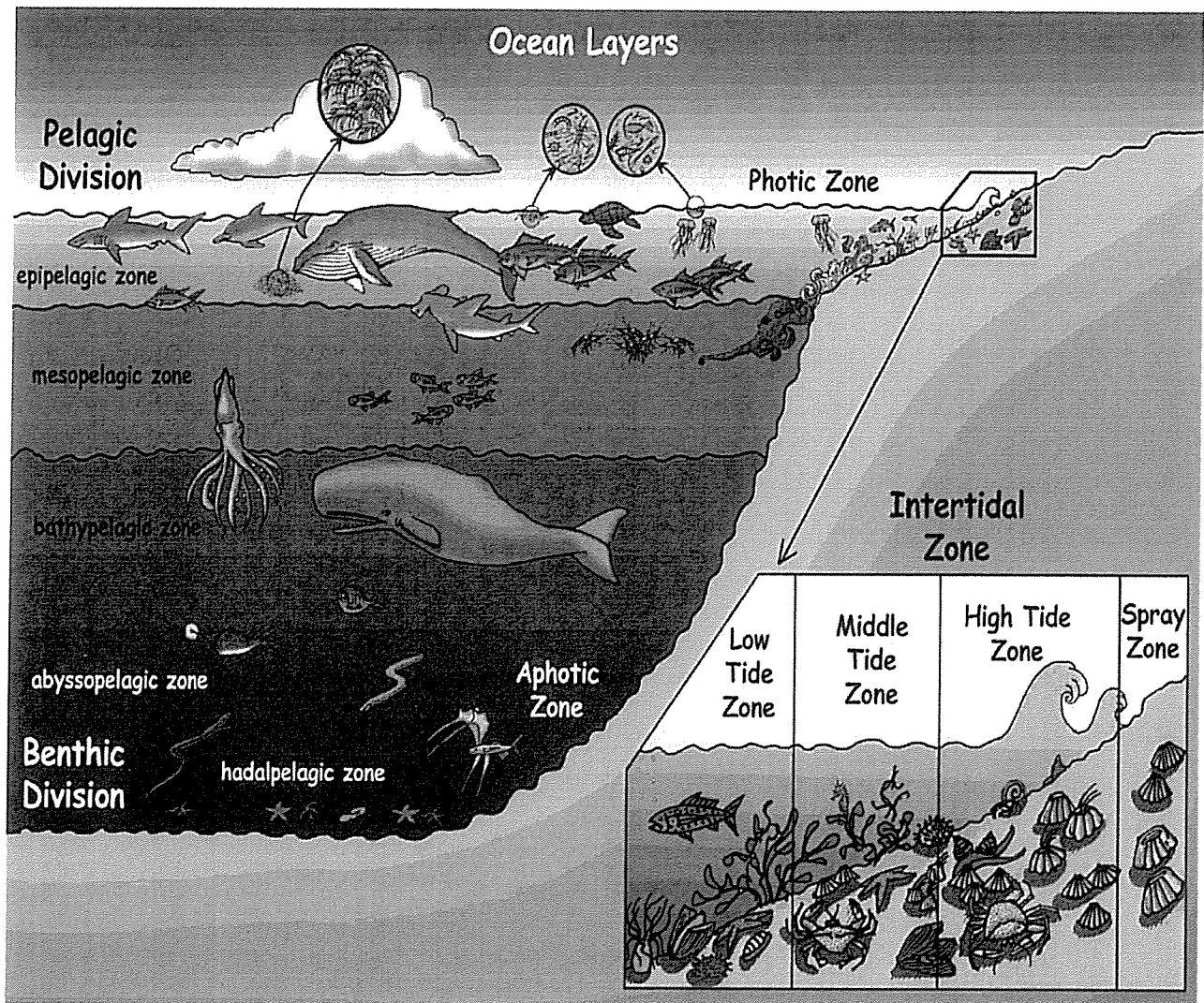
Part A-Ocean Ecology

You can choose two animals from the following zones: intertidal, epipelagic (Photic), mesopelagic and bathypelagic. Justify how each animal is uniquely adapted to life in the ocean depths including structural and behavioural features that help it survive.

Part B-Human Impacts

Discuss micro plastic impacts on the marine environment and make recommendations to reduce these impacts. Explain the 'Take 3 for the Sea' program and positive impacts for the marine environment.

*Please refer to marking criteria when completing task



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Assessment criteria:

You will be assessed on your ability to address marking criteria. Please refer to this to complete task.

Method of task submission:

Google Classroom

Marking Criteria:

	Outcome	0/missing	1	2	3
Part A	MAR5.1 Marine ecosystems	None of the information presented is relevant.	Recalls how two animals are adapted to life in the Intertidal zone	Explains how two animals are adapted to life in the intertidal zone.	Justifies how two animals are adapted to life in the intertidal zone.
		None of the information presented is relevant.	Recalls how two animals are adapted to life in the epipelagic (Photic) zone.	Explains how two animals are adapted to life in the epipelagic (Photic) zone.	Justifies how two animals are adapted to life in the epipelagic (Photic) zone.
		None of the information presented is relevant.	Recalls how two animals are adapted to life in the mesopelagic zone.	Explains how two animals are adapted to life in the mesopelagic zone	Justifies how two animals are adapted to life in the mesopelagic zone
		None of the information presented is relevant.	Recalls how two animals are adapted to life in the bathypelagic zone.	Explains how two animals are adapted to life in the bathypelagic zone.	Justifies how two animals are adapted to life in the bathypelagic zone.
Part B	MAR5.3 Impacts on marine environment	None of the information presented is relevant.	Identifies the impacts of micro plastics on the marine environment	Explains the impacts of micro plastics on the marine environment	Discusses the impacts of micro plastics on the marine environment
		None of the information presented is relevant.	Outlines recommendations to reduce impacts on the marine environment.	Explains recommendation s to reduce impacts on the marine environment.	Discusses recommendation s to reduce impacts on the marine environment. .
		None of the information presented is relevant	Recalls Take 3 for the Sea and positive impacts on the marine environment.	Explains Take 3 for the Sea and positive impacts on the marine environment.	

Outcome	Your Mark	Possible mark
MAR5.1		/12
MAR5.3		/8
Total		/20