



Task Number	3	Task Name	Marine Anatomy
Course	Year 11 Marine Studies	Faculty	Science
Teacher	Mr Yates and Ms Sulek	Head Teacher	Mr Yates
Issue date	Tuesday 22 nd July 2025	Due date	Friday 29 th August 2025 by 3.15pm
Focus (Topic)	Marine Anatomy	Task Weighting	30%

Outcomes

A student:

- 1.1 relates with a respectful and caring attitude to the ocean and its life forms
- 2.3 communicates information by writing reports, giving short talks and contributing to discussions
- 3.4 carries out planned research activities using appropriate measurements, observations, classification and recording skills

Task description

During the Marine Anatomy topic, you will learn about the anatomy of different marine life. You will need to conduct research on ONE named example of marine life, explain its anatomy (the structures of the body) and physiology (how the body works) and explain how its anatomical and physiological features help it to survive in its environment.

Your named example that you will research needs to be from one of the following groups: Coral, Crustacean, Fish OR Mammal

The particular anatomical and physiological features you have to address are:

- Ingestive system – how they catch and eat their food
- Digestive system – how they break down their food
- Respiratory system – how they get oxygen
- Circulatory system – how they move nutrients around their body
- Excretory system – how they remove salt and waste
- Skeletal system – how they support their body
- Muscular system – how they move
- Reproductive system – how they reproduce
- Body shape – how is it suited to living in water

You will also need to provide some information about the example you have selected. Key information includes:

- The habitat that they live in
- Their distribution
- The food they eat
- Their size
- Their lifecycle

Marking Guidelines

CRITERIA	MARK %
Outstanding The student demonstrates extensive knowledge of content and understanding of course concepts, and applies highly developed skills and processes in a wide variety of contexts. In addition the student demonstrates creative and critical thinking skills using perceptive analysis and evaluation. The student effectively communicates complex ideas and information.	90-100
High The student demonstrates thorough knowledge of content and understanding of course concepts, and applies well-developed skills and processes in a variety of contexts. In addition the student demonstrates creative and critical thinking skills using analysis and evaluation. The student clearly communicates complex ideas and information.	75-89
Sound The student demonstrates sound knowledge of content and understanding of course concepts, and applies skills and processes in a range of familiar contexts. In addition the student demonstrates skills in selecting and integrating information and communicates relevant ideas in an appropriate manner.	50-74
Basic The student demonstrates a basic knowledge of content and understanding of course concepts, and applies skills and processes in some familiar contexts. In addition the student demonstrates skills in selecting and using information and communicates ideas in a descriptive manner.	25-49
Limited The student demonstrates an elementary knowledge of content and understanding of course concepts, and applies some skills and processes with guidance. In addition the student demonstrates elementary skills in recounting information and communicating ideas.	0-24
Late submission – no misadventure Assessment not submitted	Parental notification