



<b>Task Number</b>	1	<b>Task Name</b>	Research Task
<b>Course</b>	Year 12 Marine Studies	<b>Faculty</b>	Science
<b>Teacher</b>	Ms Sulek	<b>Head Teacher</b>	Mr Yates
<b>Issue date</b>	Wednesday 20 <sup>th</sup> November 2024	<b>Due date</b>	Monday 10 <sup>th</sup> February 2025
<b>Focus (Topic)</b>	Coral Reef Ecology	<b>Task Weighting</b>	25%

### Outcomes

- 2.3 communicates information by writing reports, giving short talks and contributing to discussions
- 3.3 generates information from data by calculating, inferring, interpreting and generalising
- 3.4 carries out planned research activities using appropriate measurements, observations, classification and recording skills

### Task description

In this task, you will need to select **three** threats to coral reefs, explain why coral reefs are important, explain the threats on coral and explain how the threats can be managed and/or prevented.

The key threats to coral reefs are:

- Overexploitation
- Destructive fishing techniques
- Pollution
- Global climate change
- Crown of Thorns starfish

As this task requires research, a reference list is required where the sources of information are appropriately referenced. Referencing websites such as [citethisforme.com](http://citethisforme.com) can help with this. Please submit this task through the Google Classroom.

## Marking Guidelines

CRITERIA	MARK %
<p><b>Outstanding</b></p> <p>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.</p>	90-100
<p><b>High</b></p> <p>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.</p>	75-89
<p><b>Sound</b></p> <p>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.</p>	50-74
<p><b>Basic</b></p> <p>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.</p>	25-49
<p><b>Limited</b></p> <p>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.</p>	0-24
<p>Late submission – no misadventure Assessment not submitted</p>	Parental notification