

Year 11 Marine Studies Task #3 – Research Task

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
- 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

It is recommended (but not compulsory) that the information is presented using PowerPoint, Google Slides or Prezi to help address all the criteria and organise the information in an easy to read format. It is your choice on how you present your information for marking.

As research is being conducted, a reference list is required for the task. The sources of information need to be referenced appropriately. They cannot just be the website URL. Referencing websites such as citethisforme.com can help with referencing correctly.

Marking Guidelines

| Criteria | Marks |
|---|---------------|
| Content | |
| An appropriate example is identified | 0 – 1 |
| The habitat is described | 0 – 1 – 2 |
| Their distribution is identified | 0 – 1 |
| Their diet is described | 0 – 1 – 2 |
| Their size is identified | 0 – 1 |
| Their lifecycle is described | 0 – 1 – 2 |
| Their ingestive system is explained | 0 – 1 – 2 – 3 |
| Their digestive system is explained | 0 – 1 – 2 – 3 |
| Their respiratory system is explained | 0 – 1 – 2 – 3 |
| Their circulatory system is explained | 0 – 1 – 2 – 3 |
| Their excretory system is explained | 0 – 1 – 2 – 3 |
| Their skeletal system is explained | 0 – 1 – 2 – 3 |
| Their muscular system is explained | 0 – 1 – 2 – 3 |
| Their reproductive system is explained | 0 – 1 – 2 – 3 |
| Their body shape is explained | 0 – 1 – 2 – 3 |
| Content TOTAL | /36 |
| Presentation | |
| All the areas of information are addressed | 0 – 1 – 2 |
| Appropriate images used to support the content | 0 – 1 – 2 |
| Language is correct for purpose and audience | 0 – 1 – 2 |
| A reference list is included | 0 – 1 |
| All sources of information are referenced correctly | 0 – 1 – 2 |
| Presentation TOTAL | /9 |
| TOTAL | /45 |