



**Prize Winner**

# **Science Writing**

## **Year R-2**

**Jack Baade**

**Immanuel Primary School**



## Exploring the Ocean's Depths: Unseen Worlds Beneath the Waves – Jack Baade (Year 1)

The ocean is very deep and full of secrets. People use lots of different special machines to help them explore it. In 1872 a ship called HMS Challenger had science laboratories and tools. Scientists on it discovered over 4,000 new species of deep sea animals! In 1934, a round metal diving machine called the Bathysphere took two men 923 metres under the sea.

In 1943, Jacques Cousteau and Emile Gagan invented the Aqua Lung. It helped people breathe underwater and became the first scuba gear. Cousteau dived and used underwater cameras to film sea life and even lived underwater in a manmade habitat called Conshelf. In 1960 deep diving bathyscaphe called Trieste explored to the bottom of the ocean at Challenger Deep. That is over 10,000 metres down in the Mariana Trench!

Today scientists use remote sensing machines and underwater drones to scan the ocean floor. They found Aboriginal tools near Dampier Archipelago using planes and sonar. The Deep History of Sea Country Project found over 200 artefacts. Some were over 7,000 years old!

We've only explored 0.001% of the ocean. In 2025, I put on my mask, snorkel and to explore the underwater world at Port Noarlunga Jetty. One day, I hope to use a submarine or robot to explore even deeper and discover something amazing!

Word Count: 217

### References

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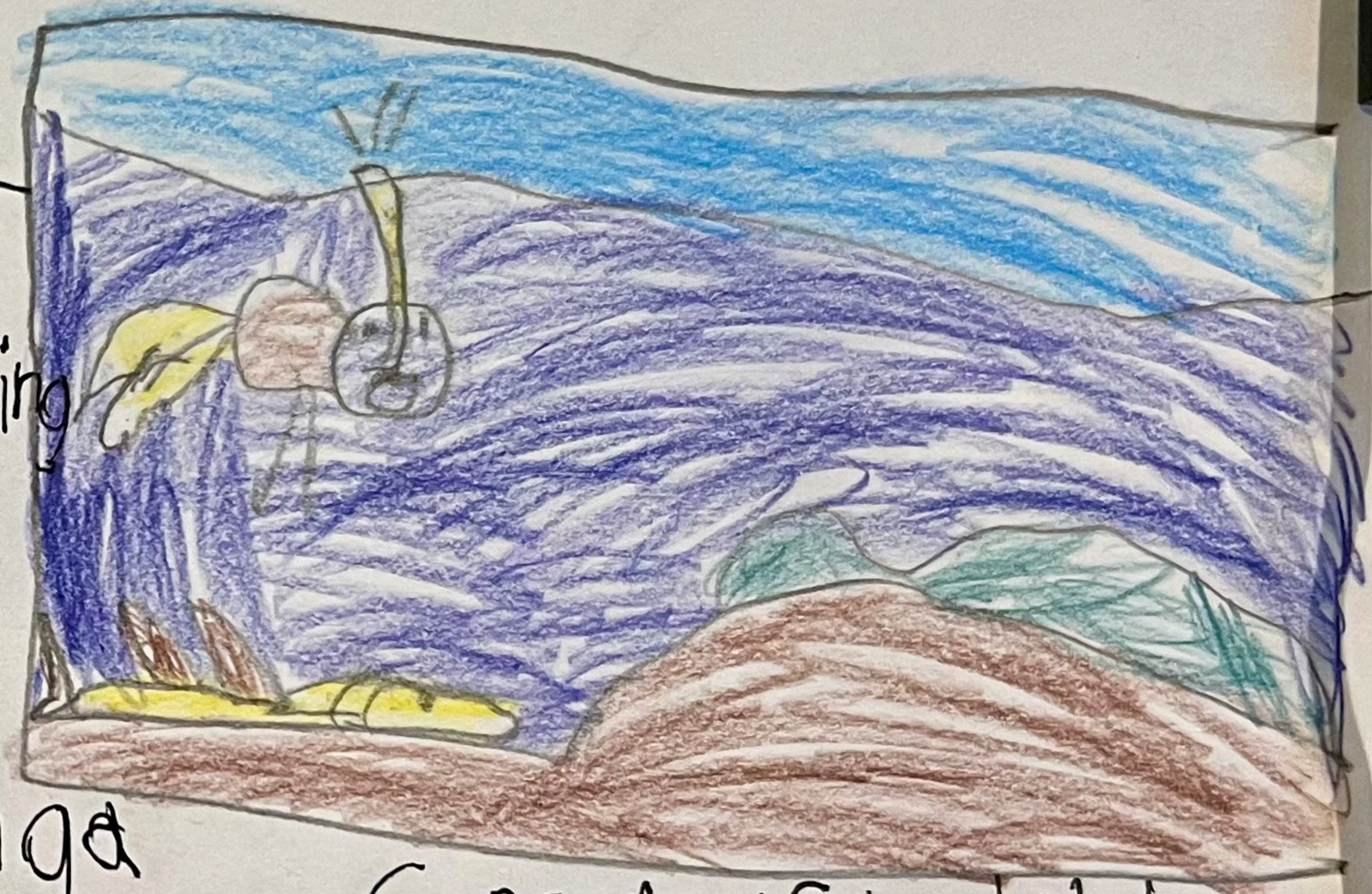
Assistance Disclosure: Jack is 7 years old and in Year 1. Jack's mum helped him research underwater exploration on the internet. Jack read the web pages and selected what he wanted to write about. His mum typed his comments in Word and compiled the reference list. Jack drew the illustration for his scientific writing piece and labelled it himself.





Hms challenger  
Sailing

Saeplanes with  
remote  
Sensors



Jack  
Snorkelling  
at  
port

Bathysphere  
near  
longa

Cons shelf habitat

Jetty

Jacques  
Cousteau  
Using  
the  
Aqua  
Lung

