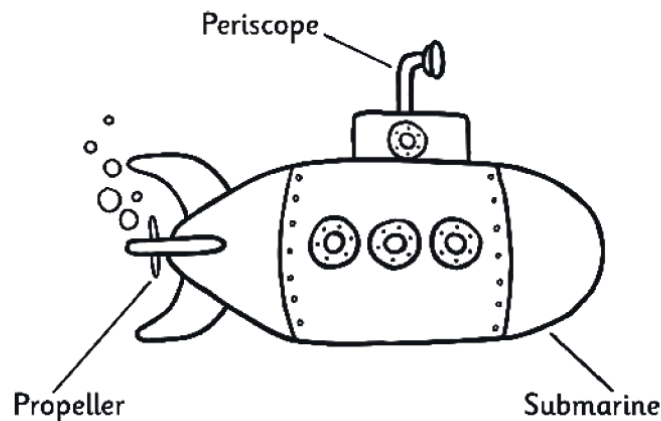


Submarines

A submarine is a special ship that can travel on the **surface** of the water but it can also travel underwater. Submarines are powered by engines, **nuclear power** and electric batteries. A submarine also has a propeller on the back to push it along at different speeds.



The First Submarines

The very first submarine was made by an inventor called Cornelis Drebbel. It was a rowing boat covered in leather and travelled to four and a half metres under the water.

Two hundred and fifty (250) years later, submarines were made with an electric motor for travelling underwater and **diesel** engines for travelling on the surface of the water.



Challenge 1 - Understanding Words:

1. Section 1. What is a submarine?
 - a) A type of bus.
 - b) An animal.
 - c) A type of ship.
 - d) A drink.
2. Section 2. What is diesel?
 - a) A drink.
 - b) A flavour of ice cream.
 - c) A house.
 - d) A fuel to make something work.

Challenge 2 - Retrieval:

(Remember, the answer is in the text.)

1. Section 1. Where would you find a submarine?
2. Section 1. Why does a submarine have a propeller?
3. Section 2. Who invented the first submarine?
4. After how many years were submarines made with an electric motor?

Challenge 3 Inference:

(Remember to look for clues in the text.)

1. What might the periscope be for?
2. Why might submarines go under the water?

Challenge 4 - Prediction

1. Why might submarines be used?
2. How deep under the sea do you think submarines can go?
3. If you could ride in a submarine, what would you look for?

*** Star Challenge ***

	True	False
Cornelis Drebbel made the first submarine.	✓	
The first submarine was made out of a rowing boat with a leather cover.		
Submarines were made with an electric motor in case the diesel ran out.		