### Dive!

Although humans live on land, we have always been enchanted by the urge to explore the deepest parts of the ocean. We are fascinated by the mysteries of underwater life. For centuries we have been inventing new ways of exploring the deep sea.

In the 1600s, inventors created the first submarines. Their early submarines operated on the same principles as today's submarines. A hollow object filled with air will float. Something filled with water will sink.



Any submarine journey begins on the surface of the water. The ship floats because its ballast tanks are filled with air. A submarine floats or sinks based on the contents of its ballast tanks.

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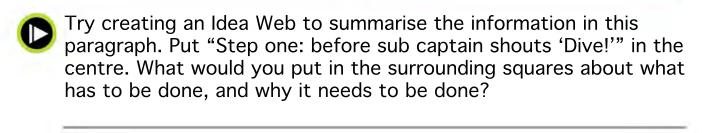
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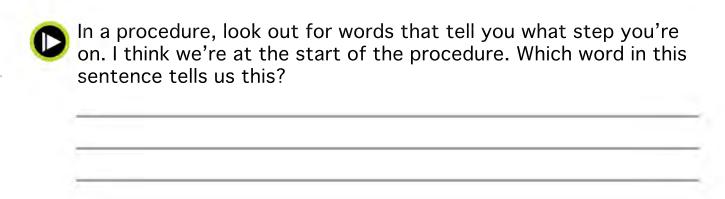
D	Read these two sentences again. What do they tell you about the difference between the weight of air and the weight of water?
	Which one do you think is lighter?

If you look up the word "tank" in a dictionary, you will see it means a container, and it also means an army vehicle. In this sentence, which meaning do you think is correct?

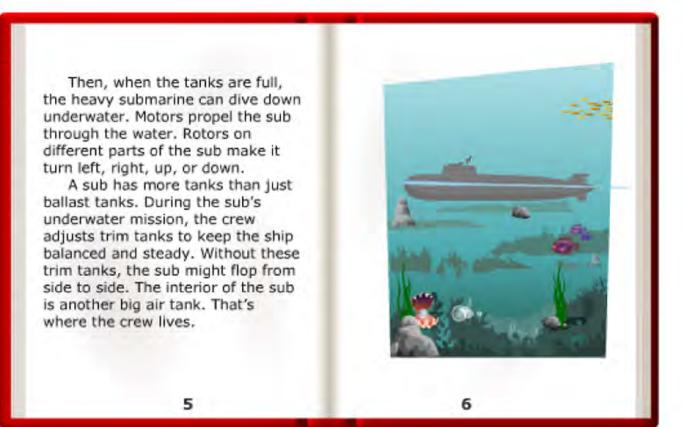
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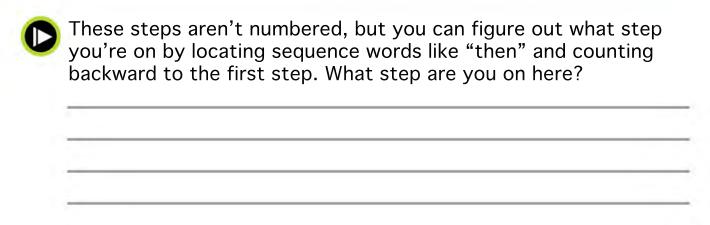
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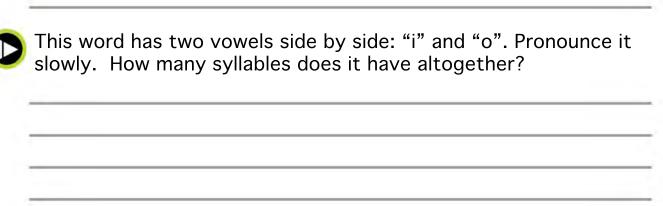




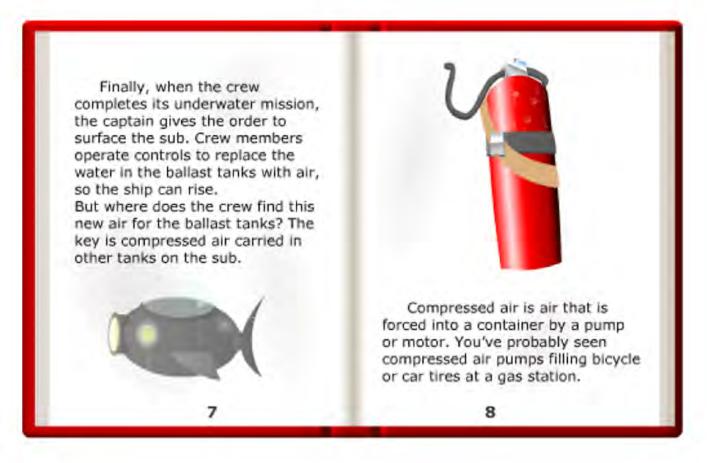
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	meaning. Which meaning fits the word as it is used here?
O	Why do you think it's important for things to take up little space or a submarine?

R Look up the word "mission" in a dictionary. It has more than one

UNIT 85: Dive!

