



THE DEPTHS OF THE OCEAN

The vast, royal blue sea has a lot of famous objects among it, but are all of them positive? The ocean is really, really deep. Deeper than a lot of people think! If you were to shave off all the land from the tops of every continent and fill up the ocean's deepest points, then the entire world will be covered in water 2 miles deep. 3/4 of our planet (Earth) is already filled with water.

0-500 METRES BELOW SEA LEVEL

40m	The point scuba divers usually dive to.
93m	The wreck of the ship <i>HMS Lusitania</i> is here. Luckily, it's positioned horizontally. If it were vertical, it would be poking out of the water.
100m	Diving becomes extremely dangerous due to decompression sickness.
214m	Diver Herbert Nitsch dived this distance with one single breath.
332m	Diver Ahmed Gabr (see picture) dived to this distance in 2016, setting a world record. If he swam 111 meters more, he would have reached the height of the Empire State building.



500-1000 METRES BELOW SEA LEVEL

500m	The boundary depth that blue whales can be found. Also, the limit of a Seawolf Class Nuclear Submarine (see picture).
503m	This is the deepest the Empire Penguin can dive. The water pressure down here is equivalent to a Polar bear standing on a 10p coin.
830m	This is equivalent to how tall the Burj Khalifa is in Dubai (the world's tallest building).



1000-5000 METRES BELOW SEA LEVEL

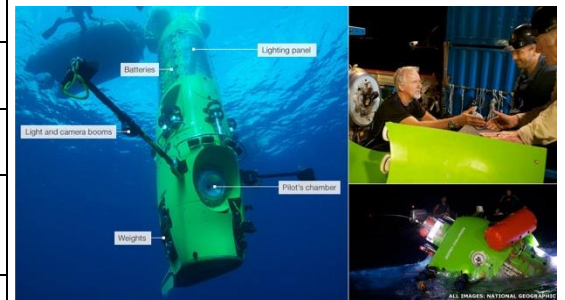
1000m	'The Scary Zone' starts. Light from the surface can no longer be seen. The pressure is the same as a human standing on Venus – a person would die instantly. This is the perfect pressure for the giant squid.
1280m	Maximum depth of the leatherback sea turtle.
1828m	We would reach the deepest part of the Grand Canyon if it was underwater.
2000m	Home of the black dragonfish. Its stomach doesn't allow much light to go through it (translucent stomach) so the only way you will see it is to take a flashlight underwater.
2250m	Maximum dive depth of the sperm whale, which can reach 14m long and have eyes the size of dinner plates.
3800m	The wreckage of the <i>RMS Titanic</i> .
4000m	'The Abyssal Zone' starts. There are a lot of alien-like creatures down here like the ling tooth, angler fish and the viper fish.





6000-11,000 METERS BELOW SEA LEVEL

6000m	'The Hadal Zone' begins. The pressure is equivalent to carrying 50 aeroplanes.
6500m	The lowest depths the DSV Alvin (unmanned research submarine) can dive.
8848m	If Mount Everest were underwater, we have reached the summit.
10,989m	James Cameron (director of the Titanic movie) reached this depth in 2012, but a window cracked and it drifted back to the surface. See picture.
10,994m	The end of the known ocean, called 'The Challenger Deep'. It is believed that there are much deeper points to explore...



FIND OUT MORE...

https://www.youtube.com/watch?time_continue=18&v=UwVNkfCov1k&feature=emb_logo

EXAMPLE QUESTIONS:

1. Who dived to 332m, breaking a world record?
2. What is the name of the boat of the ship that sank into a horizontal position?
3. What's the maximum depth of a leatherback sea turtle?
4. Order the zones mentioned, from shallowest to deepest.
5. How deep did the DSV Alvin dive to?