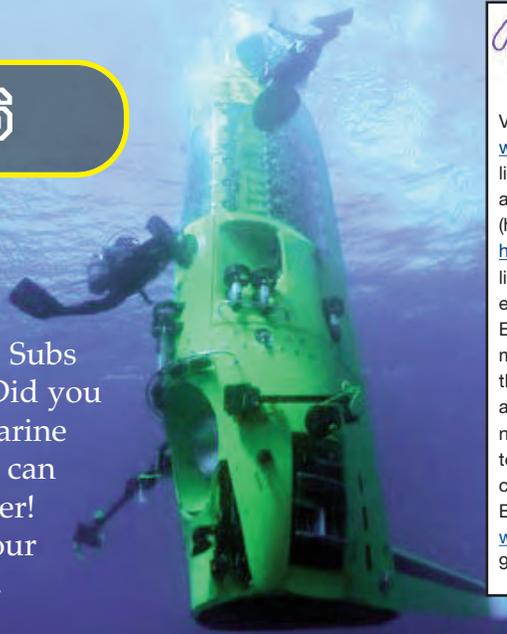


Sites and videos about

SUBMARINES

Last month, a submarine called the Deepsea Challenger took explorer James Cameron to the deepest part of the ocean, more than seven miles down. Subs like his use some amazing technology. Did you know, for example, that a nuclear submarine can go for 30 years without refueling? It can also make it's own air and drinking water! Want to learn more? No need to hold your breath. Here are some links and movies.



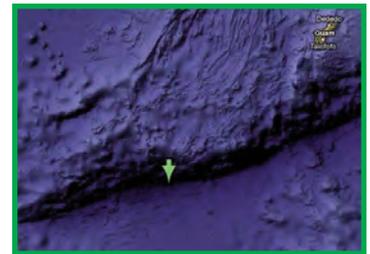
LittleClickers is made possible by
Safe, fun Internet
explorations
for children

COMPUTER EXPLORERS

Visit **Computer Explorers** at www.computerexplorers.com with links for parents, principals and administrators. The web-based (html) version of this page is at <http://www.littleclickers.com> with live links, plus a place to report any errors. Note that CTR and COMPUTER EXPLORERS do not have commercial interests in the sites listed on this page. Librarians and teachers are permitted to copy this page for non-profit use. To suggest a future topic or to report a bad link, please contact the editor, Warren Buckleitner [WB] warren@childrenstech.com, or call 908-284-0404 (9 - 3 PM, EST).

Q. Which is greater, the highest mountain or the deepest ocean?

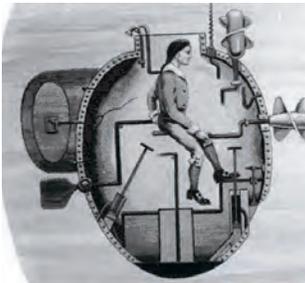
A. The ocean wins. If the highest mountain, Mount Everest, were placed on the floor of Challenger Deep (part of the Mariana Trench) there would still be over one mile of water piled on top, according to <http://visual.ly/tallest-mountain-deepest-ocean-trench>. You can see some satellite photos at <http://bit.ly/18yrBJ>.



Above: A Google Earth image of the Challenger Deep. Below, the Sportsub from IVC

Q. When was the first American military submarine made?

A. The Turtle <http://1.usa.gov/ILxBhJ> was built in 1775 to break the British naval blockade in the New York Harbor. It had a hand-driven propeller.



Q. T/F A submarine go under the North Pole

A. At <http://www.subguru.com/nautilus571.htm> you learn about the Nautilus, a nuclear submarine that was the first to go under the North Pole.

Q. How much does a submarine cost?

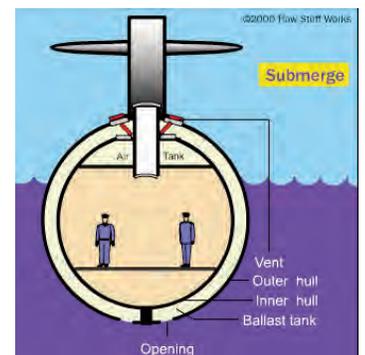
A. At least as much as a very nice car, for even the cheapest model. At <http://www.ivccorp.com/kits.html> you can buy a Sportsub kit (pictured to the right) for about \$50,000. You should know how to scuba dive before you use one.



APPLICATION: Does it float or sink? At how stuff works <http://bit.ly/cFNTOp>, you can learn more about how subs use a "ballast" to go up or down (float or sink). Get a ball of clay and put it in a bucket. It will sink. But make it into a hollow ball, and you can see how the same substance, of the same weight, will float.

Go inside a submarine. There are 25 submarine museums located in the USA. First visit this site and see if there's one near you: <http://www.submarinemuseums.org>. Next, bug your mom or dad to take you.

Make a submarine. If you're really serious about your submarine experience, visit <http://www.submarineboat.com/submarine.htm> and get the instructions on how you can build your own working submarine.



YouTube™ LittleClickers YouTube Playlist: Submarines

<http://www.youtube.com/playlist?list=PL856DB7FB2500AEDE>



Interact with this page online, at <http://www.LittleClickers.com>

Children's Technology Review, April 2012