

Dolphin Senses

Echolocation

This sense works by emitting high-frequency sounds (200,000 waves per second) through a specialized organ called “the melon.” The sounds bounce back when they hit an object, like prey, and return to the dolphin as an echo. The teeth pick up the returning sound, and it is drawn to the auditory nerve and then to the brain. The use of echolocation gives dolphins the possibility of knowing the shape, size, weight and density of the object and even to identify some species or dangers.

United States and Russian Navy have used military trained dolphins since 1960, as seen in this video: <https://www.youtube.com/watch?v=PH35b1IKQTo>



Article reference: <https://www.dolphins-world.com/dolphin-senses/>

A group of scientists from the US and UK have made an astounding finding of what cetaceans see with ultrasound. They have obtained a 3D image of a diver as seen by a dolphin using echolocation, as seen in this amazing video:
<https://www.youtube.com/watch?v=Phb4viUSz4Y>

How do dolphins communicate?

For 28 years, Denise Herzing has spent five months each summer living with a pod of Atlantic spotted dolphins, following three generations of family relationships and behaviours. It's clear they are communicating with one another -- but is it language? Could humans use it too? She shares a fascinating new experiment to test this idea, take a look:

<https://www.youtube.com/watch?v=CQ5dRyyHwfM>



**Scientists try to communicate
with bottlenose dolphins!!! Isn't
it awesome!!**

<https://www.youtube.com/watch?v=f-QjrTaypw0>

Dolphin chit-chat is similar to ours!!

Researchers at the Karadag Nature Reserve, in Feodosia, Russia have recorded two Black Sea bottlenose dolphins by the names Yasha and Yana. The recordings reveal the two having conversations consisting of sentences up to five words in length. This shows that dolphins have a language very similar to our own.

Check it out: <https://www.youtube.com/watch?v=f9rk3lP2ejE>

“Dolphins are able to identify each other using their own individual “signature whistles.”

Bottlenose dolphins have the ability to create booms exceeding 230 decibels, mainly as a hunting weapon to stun fish". -
http://www.bluevoice.org/news_facts.php#senses