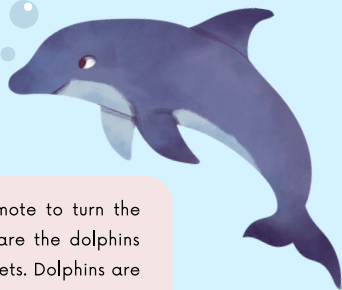


The Dolphin Speaker

By Jacqueline Beynon



My invention is called The Dolphin Speaker. The purpose of the Dolphin Speaker is to save dolphins from getting stuck in the fishermen's nets.

The Dolphin Speaker is a simple mechanism. There is a remote to turn the speaker on so it can play orca sounds. The orca sounds scare the dolphins away, preventing them from getting stuck in the fishermen's nets. Dolphins are afraid of orcas, and that is why I chose orca sounds.



This is an example of how the dolphins swim away when the speaker is on.

What are the different parts of your invention?

My invention contains an underwater loudspeaker that dolphins can hear from many metres away. There is a long waterproof cable coming from the speaker that plugs into any electronic device. This device plays music. There is an app that plays orca sounds that are specific hunting sounds that scare dolphins.



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What problems will this invention tackle?

The main problem is that dolphins are getting **stuck in the nets** and dying because they can not get air from the surface. I am sad that dolphins are dying every day and I would like to keep the ocean full of life. These problems are important to me because **every animal counts**.

How can we measure its impact?

To measure the impact I would watch two boats that are going fishing in areas with dolphins. One boat has the dolphin speaker and the other does not. I think that the boat with the speaker would not catch any, but the other one would catch some. However, there are a lot of other things that are killing the dolphins. The Dolphin Speaker will be a step forward.

How can we help?

If your tap is on and you do not need it on, then turn it off so you don't waste water. I also think that you, your friends and family should not buy tickets to dolphin shows because, in the process, they capture a lot of dolphins, but less than one quarter of the dolphins survive.



I love living next to the ocean, where I see sea life every day like this seal at the **Northumberland Strait**. This is a waterway I would like to keep clean.

About the Inventor

My name is Jacqueline. I am 10 years old. My favorite sports are horseback riding and basketball. I love all types of animals, but my favorite animal is an otter. I live in Halifax with my younger brother who is 5 years old. We love to go on walks in the forest and I love to take pictures of stuff in nature especially mushrooms and the ocean. My favourite season is winter because there is snow and you can build snowmen, and I LOVE CHRISTMAS!

