

HAPPINESS IS A
WAY TO TRAVEL

Chemistry Project
~ Group-2



Beaches of Goa.



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1) Skit

* "I want my Ocean back "

* Skit

- * **Narrator:** The Pacific serves as home to several colorful marine life. In the realm of these reefs was the habitat of a Green Sea Turtle, a pair of butterfly fish and a Manatee and her baby.
- * **Narrator:** Searching for his meal for the day, the turtle came across a sheet of substance floating on the surface. The hungry turtle swam towards it assuming it to be algae.
- * **Green sea turtle:** I have been starving for so long, the algae floating on the surface seems to be quite appetizing, it will surely make for a delicious meal.
- * **Narrator:** Those were the last thoughts of the turtle as it slipped away from this world after consuming the plastic bag.

Next

- * **Narrator:** A pair of butterfly fish were happily taking a round of the ocean.
- * **Butterfly Fish 1:** Hey, lets race to the surface.
- * **Butterfly Fish 2:** It seems mysterious and scary too.
- * **Butterfly Fish 1:** Okay coward, I will go alone then.
- * **Butterfly Fish 2:** We both know that if I ever left you alone, you would end up dead and therefore I have to follow you don't I?
- * **Narrator:** They both laughed their last laugh as the friends swam into an oil spill that stopped their innocent breaths forever.

Next

- * **Narrator:** A mother and a baby manatee were looking for food as they find a boat floating on the surface. Curious the mama manatee floats towards it to investigate.
- * **Manatee:** Wait here, I'll just come back.
- * **Narrator:** As she swims towards the boat, a fish hook pulls her up. The fishermen surprised to see the manatee instead of a large fish are scared to get caught for illegally catching a Manatee, so they throw the body back into the water. The little calf thinking that his mom is still alive and just visited the humans swims towards her lifeless body.
- * **Baby Manatee:** Mama, did you meet the humans? How did they treat you?
- * **Narrator:** But his questions remain unanswered, as the body of the sea cow lies there in silence.

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- * **Narrator:** Slogan- “Lend a helping hand before it's too late— before the last life perishes. The ocean is calling for help let's come to her rescue!”
- * **Moral**
- * The oceans brings hope joy and calmness and truly suits the soul the oceans remind us of our strength resonance and our love and vulnerabilities help us to be the tough times and challenges.
- * The vast bodies of water surrounding the continents are critical to life on earth but overfishing and global warming threatening to lead oceans barren.

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SKIT CONTRIBUTIONS

- * Narrator – Yuvraj Chandak
- * Green sea turtle – Shaurya Bothra
- * Butterfly Fish 1 – Rai Acharjya Chowdhury
- * Butterfly Fish 2 – Suravi Choraria
- * Manatee – Drishti Bhagat
- * Baby Manatee – Rai Acharjya Chowdhury
- * Moral – Shaurya Bothra

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2) 2 resources obtained from the sea water.

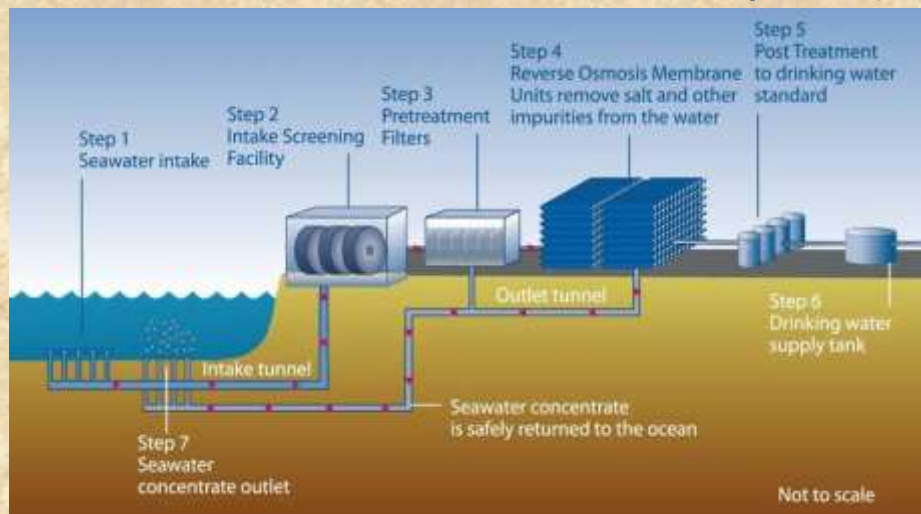
- * **2 resources obtained from sea water are:-**
- * **Salt**: Occurs in sea water at a concentration of about 3% and hence constitutes more than 80 percent of the dissolved chemical elements in sea water.
- * **Potassium**: It occurs in vast quantities in sea water, but its average concentration of about 1,300 parts per million is generally too low to permit direct economic extraction



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3) Process used to obtain the resources with diagrams

- * There are many processes of obtaining salt from sea water but one of the main processes is a salt evaporation pond. A salt evaporation pond is a shallow artificial salt pan designed to extract salts from sea water or other brines. Natural salt pans are geological formations that are also created by water evaporating and leaving behind salts. Some salt evaporation ponds are only slightly modified from their natural version, such as the ponds on Great Inagua in the Bahamas, or the ponds in Jasiira, a few kilometres south of Mogadishu, where seawater is trapped and left to evaporate in the sun. The seawater or brine is fed into large ponds and water is drawn out through natural evaporation which allows the salt to be subsequently harvested.



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- * Another process which is used is usually to get fresh water but it separates salt and water. Desalination is a process that takes away mineral components from saline water. More generally, desalination refers to the removal of salts and minerals from a target substance, as in soil desalination, which is an issue for agriculture.



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Bibliography

- * 1) <https://www.marinebio.org/conservation/ocean-dumping/ocean-resources/>
- * 2) <https://www.thespruceeats.com/how-is-salt-made/>

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Presented By:-

- * 1) Yuvraj Chandak
- * 2) Shaurya Bothra
- * 3) Rai Acharjya Chowdhury
- * 4) Drishti Bhagat
- * 5) Suravi Choraria

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Thank You



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