

SCAPE ROOM 1

Major threats to the oceans

FOOT PRINT

Building digital media skills to raise climate
change awareness among young people



Scape Room 1

Link to the Escape Room in the Google form:

<https://forms.gle/is5kJcoon2qr8tcg8>

TOPIC

Major threats to the oceans

Increasing volumes of litter are winding up in the world's oceans, causing harm to ecosystems and the death of animals when they become entangled in or swallow the litter.

It is also possible that plastics would break down into smaller fragments, which will wind up in our food, endangering our health.

These are only a few of the issues that have arisen as a result of the pollution that has accumulated in our oceans.

The consumption of marine litter by fish, birds and other sea creatures has been reported worldwide; at least 43% of cetacean species, all species of marine turtles, approximately 36% of the world's seabird species, and many species of fish have been reported to ingest marine litter over the course of their lives.

Animals can also become entangled in discarded fishing nets or other trash, which can be fatal.

Discarded fishing gear makes up around 10% of all garbage in the world's oceans, and some of this gear continues to catch fish in the absence of a fisher, a phenomenon known as "ghost fishing."

Can you do something to change this?



INTRODUCTION

In this Escape Room, you have a mission! You are with a group of friends on a holiday and enjoying the ocean view from your hotel room or from the beach. However, in order to continue your holiday, you must accept a huge challenge - diving down in the oceans to find the 5 boxes which are one of the starter keys to saving the oceans and enjoying an even better view in future. Once you find all the 5 boxes and solve the puzzles, you will get a key to your guide on simple steps one can take to save our oceans!

We suppose that you accept the challenge, so...

One, two, three... GO!

BOX 1



https://www.canva.com/design/DAE2i6iCza4/share/preview?token=5KdOKha9fJJYvjtvl8www&role=EDITOR&utm_content=DAE2i6iCza4&utm_campaign=designshare&utm_medium=link&utm_source=sharebutton



Correct answer: b

Note: *One of the most visible sources of trash for marine pollution is wastewater that is discharged directly into the sea through pipes.*

Municipal wastewater and sewage waste from houses and industries in coastal towns are frequently released directly into the sea on a regular basis.

Keep swimming!

**When choosing the wrong answer*:*

Note: *Try again!*

BOX 2



https://www.canva.com/design/DAE2i185XGc/share/preview?token=EvzmU_iTCsDJDIG3jfGY5Q&role=EDITOR&utm_content=DAE2i185XGc&utm_campaign=designshare&utm_medium=link&utm_source=sharebutton

Correct answer: a

Note: *Congratulations! You opened the 2nd box and answered correctly.*

Ocean acidification is the term used to describe the process by which carbonic acid is created as a result of carbon dioxide dissolving in the ocean. The acidity of the oceans has already increased by more than 30% compared to pre-industrial levels. This increased acidity inhibits shell growth in animals such as oysters, clams and scallops.

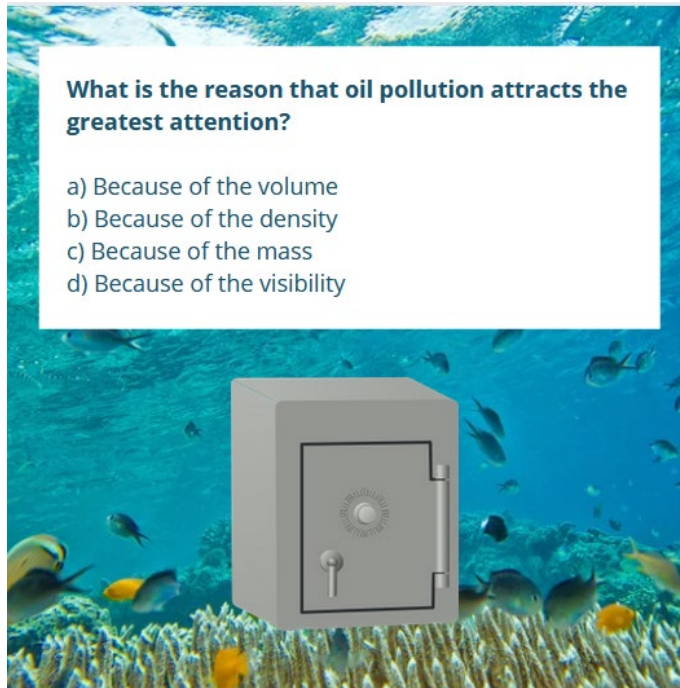
Keep going! More knowledge is waiting for you!

**When choosing the wrong answer*:*

Note: *That's wrong! Think again!*

BOX 3





https://www.canva.com/design/DAE2i1QouqM/share/preview?token=WdgiVO3tYPTnswd58flcTQ&role=EDITOR&utm_content=DAE2i1QouqM&utm_campaign=designshare&utm_medium=link&utm_source=sharebutton

Correct answer: d

Note: *Good job!*

Because of its high visibility, oil pollution in the sea usually garners the most attention when it happens. Pollution is visible over a greater distance since the pollution has spread over a broader distance in a short period of time. This pollution causes damage to the marine ecosystems.

The effects of oil contamination on fish can include decreased growth, larger livers, altered heart and respiration rates, fin erosion, and a diminished ability to reproduce successfully.



In particular, fish eggs and larvae are vulnerable to both lethal and non-fatal effects. Fish and shellfish can become dangerous to consume even though no lethal effects can be seen as a result of oil contamination.

The 4th box is somewhere hidden waiting for you. Are you ready?

**When choosing the wrong answer*:*

Note: *Can you try again? Don't give up!*

BOX 4



https://www.canva.com/design/DAE2i6qunYA/share/preview?token=YOmnKBilwgsYdJJb_Tc1mg&role=EDITOR&utm_content=DAE2i6qunYA&utm_campaign=designshare&utm_medium=link&utm_source=sharebutton

Correct answer: b



Note: *That's awesome! You arrived and opened the 4th box!*

Did you know that The Natural Park of the Coral Sea protects 1.3 million square kilometers (501,930 square miles) of marine ecosystems? There are many different ways of measuring and evaluating marine protected areas, however, the waters surrounding the Pitcairn Islands are the world's largest marine reserve, while the Pacific Remote Islands Marine National Monument, off Hawaii, is the largest marine protected area administered by the USA.

Now it's time to find the 5th and last box. Don't give up now!

**When choosing the wrong answer*:*

Note: *Ops, think again and/or do better research!*

CONGRATULATIONS! You completed your mission and you are one step ahead to take action and save the oceans. Here is your little gift - a guide with simple steps that you can take day by day, educate yourself and raise awareness about these environmental issues and the importance of oceans.

[Download the guide](#) and share it on your social media!



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