

# OCEANS



[http://www.softschools.com/facts/holidays/ocean\\_pollution\\_facts/1303/](http://www.softschools.com/facts/holidays/ocean_pollution_facts/1303/)

## I. THE OCEAN IS EARTH'S LIFE SUPPORT

### 1. Pronunciation



océan : /ɔseã/

Go to: <http://howjsay.com/pronunciation-of-ocean>

### 2. Watch the video and complete the text. Quote the words you don't know

<http://www.oneworldocean.com/pages/why-the-ocean>

#### PART 1: THE OCEAN IS EARTH'S LIFE SUPPORT

- \_\_\_\_\_ of our oxygen comes from the **ocean**. That's more than all of the world's **rainforests\*** (forêts tropicales) combined.
- The **ocean** is the \_\_\_\_\_ for more than a billion people.
- The **ocean** \_\_\_\_\_ our climate, \_\_\_\_\_ carbon dioxide, \_\_\_\_\_ holds 97% of Earth's water, and s \_\_\_\_\_ the greatest abundance of life on earth.
- \_\_\_\_\_ lives on or near the coast. The **ocean** provides a livelihood\* (moyens de subsistance), recreation, beauty, wonder, and untapped scientific discovery, leading to new medications, foods, and advanced technologies.

**EVERYONE, EVERYWHERE DEPENDS ON A HEALTHY SEA.**

## PART 2: BUT THE OCEAN IS IN TROUBLE



- \_\_\_\_\_ are gone. Tuna, swordfish, halibut, cod, and flounder (flet) populations have been devastated by overfishing.
- The \_\_\_\_\_ of the remaining big fish \_\_\_\_\_ or less in the last 50 years. The \_\_\_\_\_ of a swordfish caught \_\_\_\_\_ is \_\_\_\_\_ lbs., down from \_\_\_\_\_ lbs. in \_\_\_\_\_.
- Discarded \_\_\_\_\_ have formed \_\_\_\_\_” that is gathering in 5 massive **ocean** gyres around the world. As the plastic breaks down, it is eaten by \_\_\_\_\_, causing \_\_\_\_\_. It eventually enters our diets\* (regime alimentaire), too.
- There are a reported \_\_\_\_\_” — areas where there is little to no oxygen due to fertilizer run-off and nitrogen pollution. Dead zones are doubling every ten years.
- Our **oceans** account for 71% of the planet, but \_\_\_\_\_ of our **oceans** \_\_\_\_\_. We have protections in place for nearly \_\_\_\_\_ of all land (through areas like national parks).

## PART 3: WHAT HAPPENS IF WE DO NOTHING,



- Many popular seafood species will likely **be wiped out\*** (**être anéanties**) \_\_\_\_\_ with current \_\_\_\_\_.
- Unless we change our rate of consumption, we're within a century — possibly even less — of a world where \_\_\_\_\_ **are the only wild seafood option left.**
- The **ocean** is at a **tipping point( décharge sauvage interdite)** . Oceanographer Sylvia Earle says our actions over the \_\_\_\_\_ will determine the state of the **ocean** for the \_\_\_\_\_ years.

**EVERYONE, EVERYWHERE DEPENDS ON A HEALTHY SEA.**

## PART 4 : SO WHAT'S THE PROBLEM?



If you look around you, you'll probably see plastic of some sort. You're probably wearing clothes that are partly made of plastic. If you have phone in your pocket, that's mostly plastic. So is your computer. Much of your food and many drinks come in plastic containers — like bags or bottles. Most toys are plastic. (<http://tiki.oneworld.org/plastic/plastic.html>)



# II. THE OCEAN CLEAN UP

## READING COMPREHENSION

**Boyan Slat, 21, has created a system to take plastic pollution out of the world's oceans.**

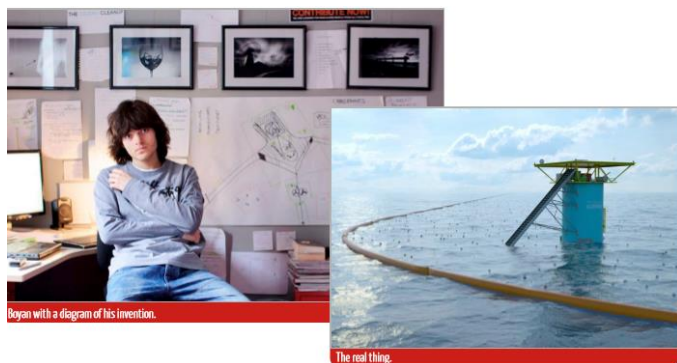
Boyan is from the Netherlands. One summer, he was swimming on the Ocean in Greece, and he was shocked to see more plastic than fish. He started thinking about the problem and in 2013, he had a great idea for cleaning the oceans.

When Boyan announced his “**Ocean CleanUp**” project on the internet, he received more than

2 million \$ from 38,000 people in 160

countries! With the money, Boyan started

producing the material he needs. His material is almost ready, and he wants to start cleaning the oceans in 2016.



**In 2014, The United Nations named Boyan a Champion of the Earth”.**

Here are some details about the project:

### **The Problem**

There are millions of tons of plastic in the oceans. The plastic kills 100,000 marine animals (turtles, dolphins etc.) and 1 million birds every year.

### **The solution**

Because the plastic is concentrated in a small number of places, we can go to those places to start cleaning. Boyan's concept is simple: floating barriers in the water guide plastic to a platform that extracts and compacts the plastic. The barriers are designed to capture plastic but not fish.

Boyan says that with his technology, we can clean the plastic in the Pacific Ocean in 10 years. But for the Clean Up to be effective, we must STOP putting more plastic in the oceans!

“Everyone believes that cleaning the ocean is impossible” Boyan says. “But human history is a list of things that “couldn't be done”...and then they were done. With your help, Ocean CleanUP will be the next thing on the list.

## ANSWER THE QUESTIONS IN ENGLISH

a. How old is Boyan?

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b. Where does he come from? What nationality is he?

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c. What has he created?

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d. When was it?

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## ET MAINTENANT RÉPOND EN FRANÇAIS

a. Que s'est-il passé quand Boyan a annoncé son projet sur internet ?

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b. Qu'a-t-il fait de ce qu'il a reçu ? Quand veut-il commencer son projet?

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c. Que s'est-il passé en 2014 ?

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d. D'après le texte quel est le problème?

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e. Quelle est la solution proposée par Boyan?

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f. Selon Boyan, combien de temps faudra-t-il pour débarrasser les océans des déchets plastiques ?

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## Surf on the web to check if Boyan has realised his project.

<http://www.theoceancleanup.com/technology/>

**And what about you? What can you do in your everyday life to protect the ocean?**

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