

Activity 6

The diversity of life is essential on our planet. Man uses the living resources for food and medicines. It is important for our future to know and preserve this biodiversity.

Areas
14 and 16

Because they were over-hunted, sea lions had become threatened with extinction. What was the solution that saved them ?

The Channel Islands were declared natural reserves.

Write about or draw acts you would like to do for the oceans :

Because there are 7,8 thousand million of us our activities have damaged the world. Because there are 7,8 thousand million of us our activities can put it back together again. It can be done !



10 - 14 years old

I invite you to discover its riches.
Now, it is up to you !



Activity 1

Plant plankton is the first link of most of the food chains in the oceans. Without plankton, life wouldn't exist in the sea !

Areas
1 18

Riddle : like jellyfish, we drift in the currents, we are often transparent and microscopic.
Who are we ?
plankton



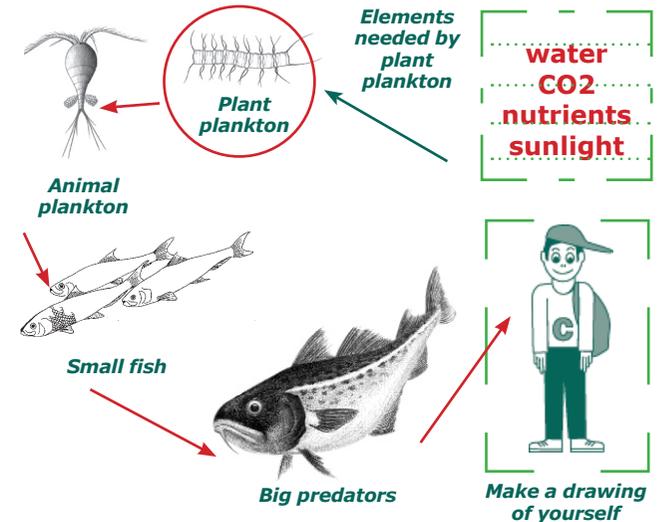
Link up

these living with an arrow meaning "is eaten by".



Add the elements needed by the plant plankton to grow.

Continue this food chain by placing a picture of yourself in it.



Circle the first living, also called « the basis of life in the oceans ».

Activity 2

Marine creatures are adapted to their habitat. They have developed « special tricks » to enable them to eat without being eaten and to reproduce, and by doing so, to ensure the survival of the species.



Find the special trick also called peculiar behaviour of these fishes :

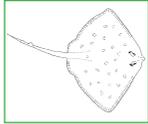
Look for animals with the same adaptation in Nausicaá exhibition.

Give their name :



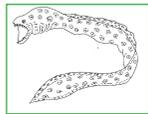
- **cods** :
area 5
live in school

→ ✓ jacks 11 with sharks
tuna 3



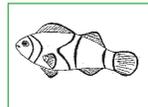
- **ray** :
area 17
does mimicry

→ ✓ seahorse 4



- **moray** :
area 4
protects its territory

→ ✓ sealion 15



- **clownfish** :
areas 2 and 11
lives in association with the sea anemone

→ ✓ cleaner wrass 11

Activity 3

Century after century, another species has gradually settled on and in the sea : Man, this is to say us.

Area 7

Look up and observe the Earth's population growth from antiquity to nowadays.



Look at the demographic clock above you. Every second, 3 more people embark on the huge vessel called the Earth.

How many are we on the blue planet ?

Date

Hour

Population

Activity 4

If Man succeeds in managing the riches offered by the sea, then the future generations will in turn get the benefit of it.

Area 7



Draw

sketches to show the main human activities linked to the sea presented in these areas :

(building on the sea)	(sailing)
(extraction of the mineral resources)	(fishing and fish farming)



Look at the satellite picture of the North Sea, a sea that is exploited in many ways, in area 14.

Find out the meaning of the different light spots in relation with the filmed sequences :

- the green spots represent : ports
- the blue spots represent : oil platforms
- the yellow spots represent : sand deposits

Activity 5

Coast lines all around the world are the favorite destinations of tourists, but let's talk about « responsible tourism » !

Areas 9 and 10



You have now landed on a tropical island. From the pier and then in the bubbles of the under-water observatory,

observe the diversity of living coral and the many animals living in the reefs.

Is coral :

- an animal ?
- a plant ?
- a rock ?



Make out a list of three fishes depending on the coral reef :

- ✓ surgeonfish (shelter)
- ✓ butterflyfish (food and shelter)
- ✓ triggerfish (food and shelter)

Here are a few rules to be respected in order to preserve these important habitats :

