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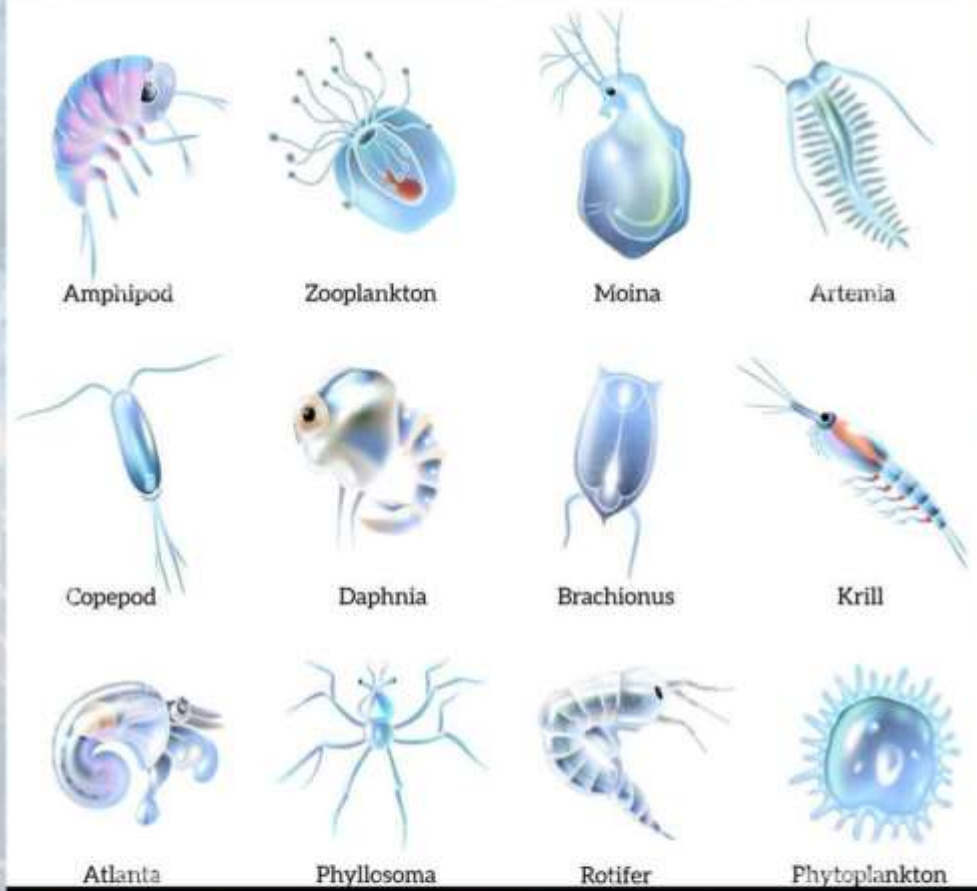
Plastic

Every year 8.8 tons of plastics are
reverted in the oceans.

Mediterranean sea is considered among
the 6 most polluted are in the World!



- VARIETIES OF PLANKTON -



Micro plastic



HOW YOU CAN HELP

PARTICIPATE IN LOCAL CLEAN-UP EVENTS:

Join or organize beach clean-ups to directly combat the problem.

REPORT ILLEGAL DUMPING:

Notify local authorities about any illegal dumping activities you observe.

ADVOCATE FOR BETTER POLICIES:

Support legislation and policies that promote better waste management practices.

REDUCE PERSONAL WASTE

Minimize your waste and recycle as much as possible to reduce the overall waste burden.



Macro plastic

TOP 10 ITEMS

Surfrider Foundation Europe, 2018



1.

CIGARETTE BUTTS



2.

PLASTIC PIECES 2.5-50 CM



3.

POLYSTYRENE PIECES 2.5-50 CM



4.

PLASTIC BAGS AND PIECES



5.

BOTTLE CAPS (PLASTIC)



1000 L - physical and chemical pollution
7,5 - 14 years



450 years

Macroplastic >25mm
Microplastic <5mm
Nanoplastic <1µm



6.

PLASTIC BOTTLES (DRINKS)



7.

GLASS BOTTLE CAPS (METAL)



8.

FOOD CONTAINERS



9.

PIECES OF GLASS



10.

GLASS BOTTLES



Your Challenge

- LABORATORY WITH MICROSCOPIC
- ANALYZING WATER AND RECOGNIZE MYCROPLASTIC
- EDUCATION
- SCIENTIFIC CLEAN UP
- PLAY
- IN ATTACHED YOU'LL FIND SOME GAME



Conference and video about impact on plastic in the ocean



Discussion with the children about the video they watched



Reflection on the number of objects found on the beach



Children frightened by the amount of objects collected from the beach



The importance of recycling collected plastics



The importance of raising awareness about the influence of plastics on our seas



Plastic Pollution: Key Facts

Plastic waste makes up 80% of all marine pollution and around 8 to 10 million metric tons of plastic end up in the ocean each year.

Research states that, by 2050, plastic will likely outweigh all fish in the sea. In the last ten years, we have produced more plastic products than in the previous century.

The EPA (Environmental Protection Agency) has stated that basically 100% of all plastics human beings have ever created are still in existence.

Plastic generally takes between 500-1000 years to degrade. Even then, it becomes microplastics, without fully degrading.

Currently, there are about 50-75 trillion pieces of plastic and microplastics in the ocean. This plastic either breaks down into microplastic particles (see below), or floats around and ends up forming garbage patches.



What Can We Do

Reduce plastic use:

Here are some new habits you can take inspiration from:

1-Swap plastic bags for reusable ones, made of cloth or fiber.

2-Reduce the use of disposable plastic cups, plates, cutlery and bottles. For example, bring your own reusable bottle to work and a reusable coffee cup for your morning take-away!)

3-Buy food and cleaning products in bulk to avoid useless plastic wrappings. Nowadays, there are plenty of options to choose from, and many supermarkets let you fill your own jars/bags.

4-Choose metal or glass food containers and storage options instead of plastic ones.

Avoid buying and using cosmetics that contain plastic microspheres or microbeads.

