

MARINE DEBRIS AND ENTANGLEMENT

Name: _____

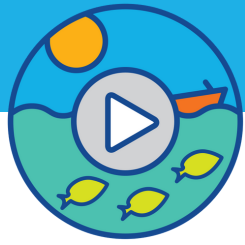
Date: _____

The most common items that are found during beach clean-ups are listed below. Marine debris are generally problematic to marine organisms because they can (1) be ingested by animals or (2) entangle animals. In the chart, under the "Threats" column, write either "ingest" or "entangle" or both, based on the item and its threat to wildlife.

<u>Item</u>	<u>Longevity</u>	<u>Threat</u>
Cigarette butts	1-5 years	
Rope	3-14 months	
Candy Wrappers	1-3 years	
Plastic Bottle Caps	450 years	
Balloon Strings	> 1 year	
Plastic Beverage Bottles	450 years	
Beverage Cans	200 - 500 years	
Straws, Stirrers	200 years	
Glass Beverage Bottles	1000 years	
Fishing Gear	2-3 years	
Plastic Grocery Bags	10-20 years	
Styrofoam Cup	50 years	
Coffee Pod	500 years	

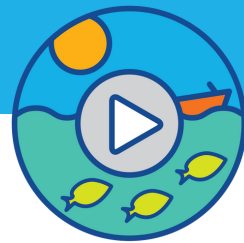
What is the longest-lasting item you found during your beach clean-up?

What is the longest lasting item you use in your everyday life and what is an alternative?



SURVEY

1. Marine pollution is
 - a. Plastic
 - b. Wood
 - c. Glass
 - d. All the above
2. What is the main cause of marine debris in the ocean?
 - a. Animals
 - b. Land-based waste, like littering
 - c. Hurricanes and storms blowing debris into ocean
 - d. Ships dumping trash out at sea
3. True or False: Only pollution from coastal states pollutes the ocean.
4. Where has marine pollution been found?
 - a. Coastal regions
 - b. Open ocean
 - c. Mariana trench
 - d. All the above
5. True or False: Fishing equipment discarded in the ocean leads to ghost fishing of animals.
6. Marine debris often collect in
 - a. Coastlines
 - b. Gyres
 - c. Waves
 - d. Currents
7. Bioaccumulation is
 - a. Gradual build-up of chemicals or pollution in organisms
 - b. Transfer of pollutants up the food chain, with the most in apex predators
8. Biomagnification is the
 - a. Gradual build-up of chemicals or pollution in organisms
 - b. Transfer of pollutants up the food chain, with the most in apex predators



MARINE DEBRIS POSTER

Create a poster below to educate about marine debris or everyday changes people can make to help reduce pollution reaching the ocean.