

MARINE DEBRIS AND ENTANGLEMENT

Name: ANSWER KEY

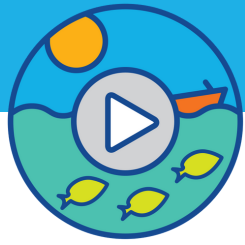
Date: _____

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	Ingest
Rope	3-14 months	Entangle
Candy Wrappers	1-3 years	Ingest
Plastic Bottle Caps	450 years	Ingest
Balloon Strings	> 1 year	Entangle, Ingest
Plastic Beverage Bottles	450 years	Ingest
Beverage Cans	200 - 500 years	Ingest
Straws, Stirrers	200 years	Ingest
Glass Beverage Bottles	1000 years	Ingest
Fishing Gear	2-3 years	Entangle, Ingest
Plastic Grocery Bags	10-20 years	Entangle, Ingest
Styrofoam Cup	50 years	Ingest
Coffee Pod	500 years	Ingest

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

Varying Responses



SURVEY - ANSWER KEY

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
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 - b. **Transfer of pollutants up the food chain, with the most in apex predators**