



Let's Talk Trash

Identifying Debris and Role Playing Lesson

North American Marine Environment Protection Association

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2014 Lloyd's List Awards ENVIRONMENT AWARD WINNER



Activity



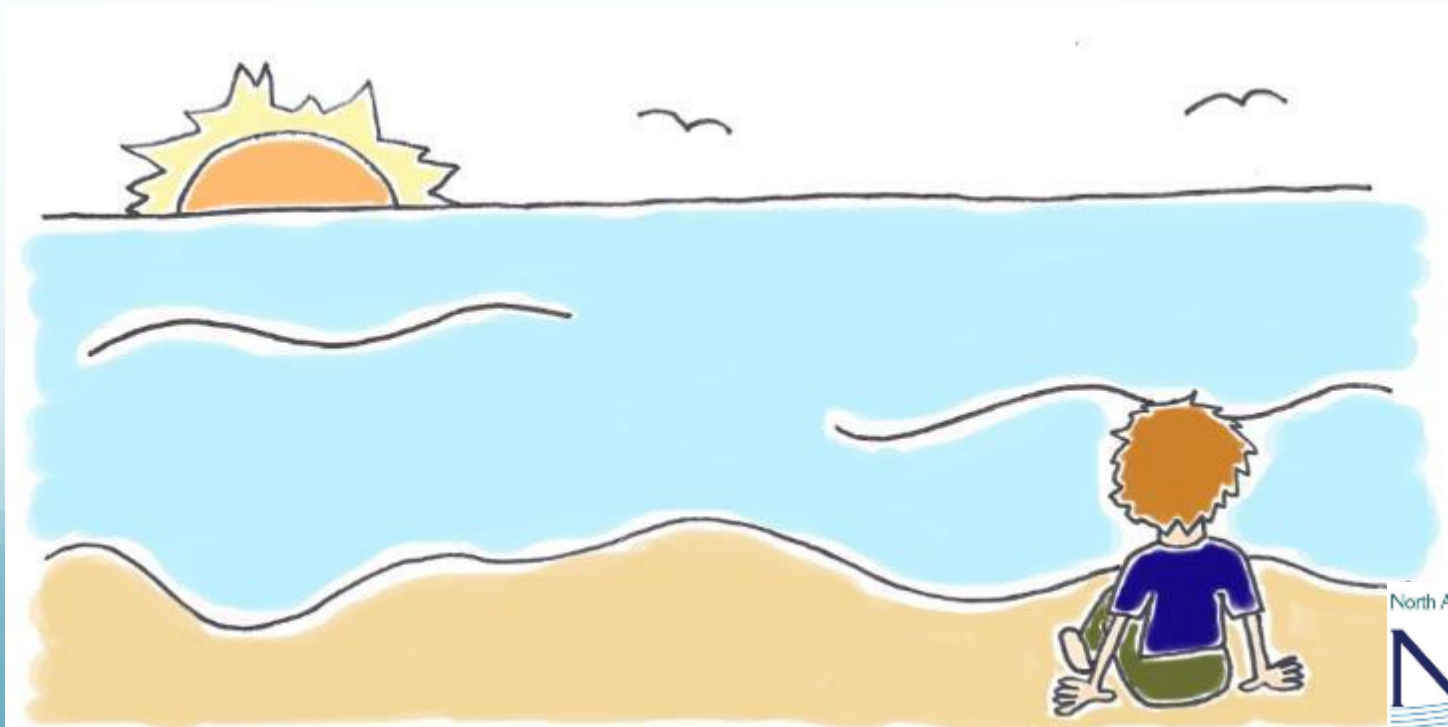
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So what is marine debris, anyway?

Well, **marine** means the ocean and waterways associated with it –salt marshes, estuaries, beaches.

Debris refers to scattered fragments of things, i.e. garbage.

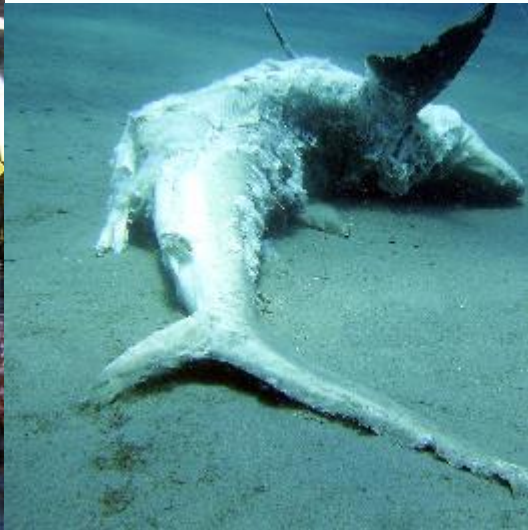


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So what is marine debris, anyway?

- The official definition of **marine debris** is ‘Any persistent solid material that is manufactured or processed and directly or indirectly, intentionally or unintentionally, disposed of or abandoned into the marine environment or the Great Lakes’ (NOAA, 2007).



What Effects Can Marine Debris Have on the Environment, Wildlife, and People?

Effects of Marine Debris

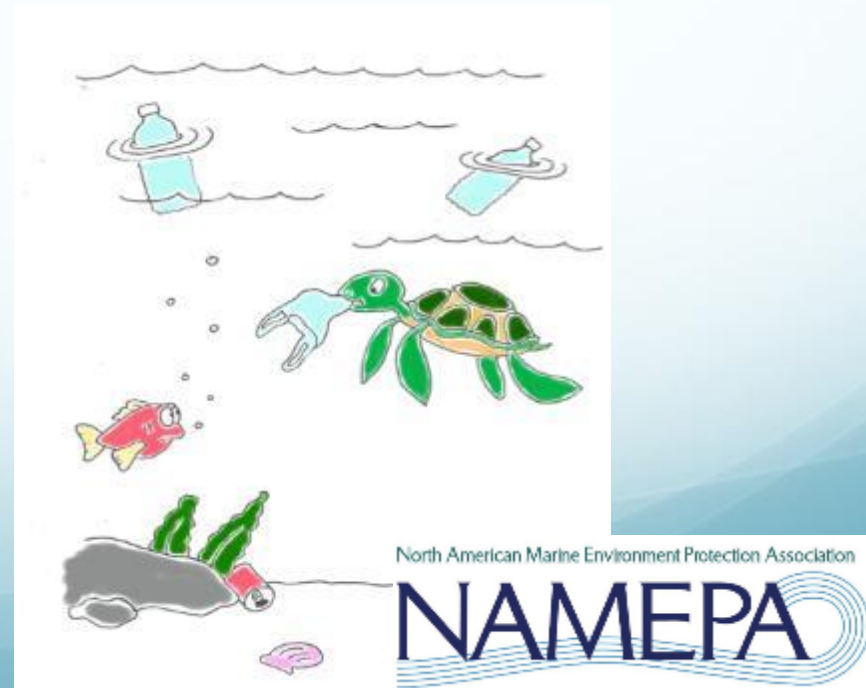
- Entanglement
- Ingestion
- Habitat Degradation
- Unsightliness
- Costly Cleanup



What is Buoyancy?

Buoyancy

- **Bouyancy** is the ability to float in water
- Think of the difference between a boat and a rock – one sinks and the other floats!
- How well do you think different types of *marine debris* will sink or float?



What is Buoyant?



Plastics



Glass Bottles



Rubber



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How Does Buoyancy Affect the Presence of Marine Debris in the Environment?

The more buoyant something is, the farther it can travel! Even islands uninhabited by people have been affected by marine debris!



Role Playing Exercise

