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# History of Plastic - Pre-Quiz

## Prodigious Plastic Pollution

1. What were the Top Ten Items found in the 2019 Beach Cleanup? (assign numbers 1-10)

\_\_ straws, stirrers

\_\_ plastic grocery bags

\_\_ other plastic bags

\_\_ plastic cups, plates

\_\_ plastic beverage bottles

\_\_ plastic bottle caps

\_\_ cigarette butts

\_\_ food wrapper (candy, chips, etc.)

\_\_ plastic take out containers

\_\_ plastic lids

1. What percentage of plastic products are made from fossil fuels? (circle one)

99% 79% 59% 49% 39%

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1. How many tons of plastic are produced annually? (circle one)

380 trillion 380 billion 380 million

4. What percentage of plastics are made to be single-use? (circle one)

 80% 70% 60% 50%

5. How many metric tons of plastic enter the ocean annually? (circle one)

 8.75 trillion 8.75 billion 8.75 million

6. True or False: Trash that ends up on the beach did not originate there.

7. True or False: The three B’s of plastic disposal are Burn, Bury, and Borne (out to sea).

8. True or False: Plastic is part of the carbon cycle and therefore contributes to climate change.

9. True or False: Micro-plastics have been found in sea spray, sea salt, fruits & vegetables.

10. True or False: A shrimp that ingests nano-plastic will pass that plastic up the food chain, possibly to humans.

Answer Key

1. 5, 7, 9, 6, 3, 2, 1, 8, 10
2. 99%
3. 380 million
4. 50%
5. 8.75 million
6. True
7. True
8. True
9. True
10. True