



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
2. What percentage of plastic products are made from fossil fuels? (circle one)
 - 99%
 - 79%
 - 59%
 - 49%
 - 39%
3. 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