

TRIVIA: PLASTIC POLLUTION

Nature Foundation St. Maarten edition

Plastic is in every aspect of our life... how much do you know?

Students will learn about the role, impact, and consequences involved in the creation, distribution, and disposal of plastic. Plastic is an integral part of 21st century life, but how much do students really know about it?

HIGHLIGHTS

- Players will gauge their knowledge of plastic through the use of questions
- Fosters understanding of the global implications of plastic
- Encourages reasonable lifestyle changes to generate less waste

CONSIDERATIONS

- Optimal 2-6 participants at a time
- Requires 30 minutes of in-class or homework research time in preparation for the game

INSTRUCTIONS

Divide players into teams with an equal number of participants; between 2-6 players is ideal. Each team needs a name. There are 5 rounds of trivia, with 5 questions each. However, the amount of players and the length of rounds can be extended with additional write-in questions.

The host will randomly distribute an equal number of questions to each team to research, together or separately, either at home or in the classroom. Each team must submit their answers to the host along with a link to where the information was found. The host has discretion regarding the validity and reasonableness of the answers. Once all the questions have answers, the trivia can begin.

The host will randomly pick a question to read out loud for the first team. The team members have 1 minute to collaborate and come up with an answer for the host. Other teams are not allowed to participate unless the host says the answering team submitted the wrong answer. In that instance, the next team in order will have an opportunity to answer, and so on and so forth until it is answered correctly. Bonus questions offer the opportunity for 2 questions in one and are played the same way.

The host must keep a public tally on a white board or sheet of paper to keep record of the teams who answered question correctly. After 5 questions, the host starts a new round but keeps count of the previous answers. The team with the most total tallies at the end wins.

ROUND 1

- What are 3 raw materials that plastic is made out of?
- How is plastic made, in the most basic terms?
- What are 5 things that plastic is used for?
- What characteristics or qualities make plastic so valuable?
- How many types of plastic are there? (*BONUS*: Why are there different types?)

ROUND 2

- What are plastics?
- What are 5 of the 10 most common plastics to find at the beach?
- Is plastic biodegradable?
- How could plastic affect the human food chain?
- Can plastic be recycled? (*BONUS*: Why is it so difficult to recycle?)

ROUND 3

- What are 2 ways that plastic affects marine life?
- What are 2 ways that plastic affects terrestrial life?
- What are microplastics?
- What do the numbers on plastic mean?
- Why is food wrapped in plastic? (*BONUS*: What is an alternative to plastic wrapping?)

ROUND 4

- What are 2 reasons people use plastic when there are reusable options?
- What are 2 alternatives to plastic for clothing? (*BONUS*: Which fabrics are plastic?)
- What are 2 ways a plastic ban affects the environment?
- What are 2 better alternatives to using single-use plastic grocery bags?
- What are 2 things that plastic could do to your body if ingested?

ROUND 5

- When does the St. Maarten plastic ban come into affect?
- What are the rules regarding the 2021 St. Maarten plastic ban?
- How many dumps do we have on St. Maarten?
- What year did the St. Maarten landfill surpass capacity?
- Does St. Maarten have a recycling facility on the island? (*BONUS*: Why not?)