

Name:.....

Date:.....

******* A Plastic Ocean *******
Documentary ANSWER sheet

Full film available on Amazon Prime Video or www.plasticoceans.org/film/about.html

	Questions	Answers
1.	How long can blue whales stay under water?	Half an hour
2.	In the last ten years we have made more plastic than in the.....	Century before that
3.	How did the whale die?	It was found to have 6 square meters of plastic sheeting inside. The digestive system was blocked, it couldn't take in any nutrients.
4.	How many litres of water does the whale take in, in one mouthful?	75,000 litres in one mouthful
5.	A. How many gallons of oil are used per year to supply plastic <u>water</u> bottles for just the United States of America? B. What percentage are only used once?	A. 63 billion gallons B. 90%
6.	What has happened to every piece of plastic that has ever been made?	It is still on the planet in some form or another.
7.	How much plastic leaks from land based sources?	Over 80%
8.	How many million tons of plastic is dumped into the world's oceans every year?	8
9.	What is the ratio of plastic to plankton in the Mediterranean?	1:2 plastic: plankton
10.	What did they find on the bottom of the Mediterranean?	Old parachutes, unexploded bombs, plastic bottles, lots of plastic waste, plastic bags, yoghurt pots and more
11.	How many trillion pieces of plastic are afloat in our oceans worldwide?	5
12.	What is the truth behind the myth of the floating island of plastic?	It's a plastic smog, the larger pieces are broken down by the suns UV light and the wave action and salt into micro plastics.
13.	What sticks to micro plastics?	Toxins from industry and agriculture, which makes them toxic poison pills.

14.	What is a nurdle?	A Very small pellet that serves as a raw material in the manufacture of plastic products
15.	Plastic doesn't break down it.....	Breaks up
16.	What bodily processes do the endocrine disruptors interfere with?	Growth, metabolism, reproduction and early development.
17.	Why did it look like it had snowed on the beach?	A shipping container met a storm and loads of bags of nurdles fell into the ocean.
18.	Did Sinopec respond well to their plastic being spilt? What did they do?	Yes, they sent general managers and everyone down to help with the beach clean-up.
19.	Why won't the supermarkets buy the fish?	They have 6+ plastic nurdles in each one.
20.	What came up in the bird's sick?	Loads of different coloured plastic.
21.	A. What is the record number of pieces of plastic inside this species of bird? B. What % of the body weight was it? C. How old was the bird?	A. 276 B. 15% C. 90 days
22.	What do the kids do instead of go to school?	Scavenger work, for plastic, and take it to the shop for money
23.	What does the man think will solve the plastic problem?	Behaviour of people
24.	What destroyed the paradise?	Plastic packaging
25.	How can the Navy's plasma torch help islands in the Pacific?	It can go and turn its waste in to its component parts without any by-products.
26.	What % of Americans over 6 years old have detectable levels of BPA in their bodies.	92.6%
27.	Can we trust BPA free plastics?	No they still leak estrogenic activities
28.	What does he do in all the restaurants?	Goes looking for somewhere, which provides food not in plastic.
29.	What does Lidl do with plastic bottles?	Scans the bottle and can tell where the bottle comes from then sells it on.
30.	What has Rwanda done? Why?	Banned plastic bags, because the impact on agriculture is huge
31.	What is the Plastic Bank?	Makes social plastic - uses second hand plastic and it's like fair trade so developed countries can make a money.

32.	What happened to the Bristol run's plastic bottles?	They got made into an artwork.
-----	---	--------------------------------

TAKE ACTION

Rethink - Refuse - Reduce - Repurpose - Reuse - Repair - Rot - THEN - Recycle

- Talk to your friends, family & community about how you can [reduce plastic consumption](#) in your home, school or workplace.
- Everyone knows plastic waste is bad for the environment, but what this documentary also shows is that it is bad for us to consume (drink or eat) things which have been stored in ALL plastics (BPA free plastic too) and particularly plastics combined with heat. They are impacting human growth, metabolism, reproduction and early development.
- However, we also have to recognise the incredible and important use of plastic for hygiene and [medical purposes](#) where it is very [necessary and saves lives](#).
- The aim is to only use plastic where is it this necessary and reduce it elsewhere.
- Some ideas: use [reusable metal](#) or glass drinks bottles, instead of single use plastics or even multiuse plastics because this "seeps" into your body over time!
- Use metal or glass containers or your usual kitchen wear instead of plastic Tupperware to store foods, particularly do not heat things in plastic or store hot foods in plastic.
- Use cloth bags for shopping and you can get little ones for vegetables and fruit too.
- Do you already do these things? Can you think of anything else?

