

OCEAN CHAMPIONS: A JOURNEY INTO SEAS OF PLASTIC – QUIZ

Feel free to choose questions most age appropriate for your students, depending on their grade level.

1. In the story, Marina and Tyler helped 3 kinds of ocean animals tangled up in plastic garbage. Name the animals and which plastic was the problem.

2. Think of another example of an ocean animal that can get tangled up in plastic garbage and give an example of the plastic (think about the pictures you saw in the book).

3. Why do birds and other ocean animals swallow plastic garbage in the ocean?

4. What plastic items look like jellyfish to sea turtles, dolphins, and whales?

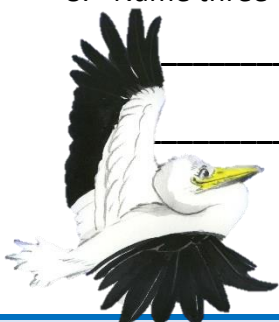
5. Name 3 ocean animals that swallow plastic debris (think about the story and also the pictures in the book).

6. Why is swallowing plastic debris so harmful to ocean animals?

7. How much plastic is entering the ocean?

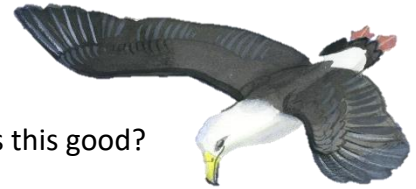
8. Name three very important things that our oceans provide for us.

9. How many very big gyres are there in the world? _____



10. Describe how the currents move in a gyre and why they collect so much plastic garbage.

11. What does the ocean in the Great Pacific Garbage Patch look like under the ocean surface?



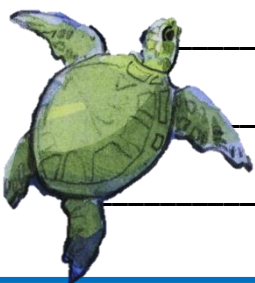
12. What happens to Botley towards the end of the story and why is this good?

13. Name two (or more if you like) things that Morgan and Kai did on their own or with their class to help reduce the amount of plastic garbage going into the oceans.

14. Name one of the actions taken by the students in SCOOP to help with the plastics problem.

15. Think of one or more ways that you can reduce the amount of single-use plastic you use.

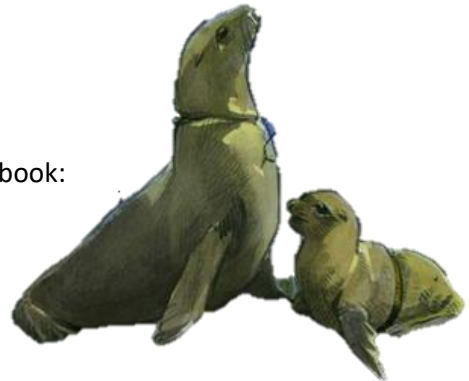
16. Think of a project that your class could do to reduce the amount of single-use plastics being used in your community OR think of a class project that will help to make a difference beyond your community.



OCEAN CHAMPIONS: A JOURNEY INTO SEAS OF PLASTIC – QUIZ

ANSWER KEY

- Entangled animals that were rescued in the story:
 - Dolphin Piece of fishing net (large)
 - Heron Plastic 6-pack ring
 - Sea Lions Fishing line and packing strap
- Other entangled ocean animals that are shown as pictures in the book:
 - Humpback Whale Fishing gear
 - Fur Seal Carrot / vegetable sack
 - Sea Turtle Ghost net / Fishing net
 - Black Albatross Party balloons (and string)
 - Sea Otter (pup) Plastic bag



A sea turtle that was entangled in fishing line is also on the beach when the children and everyone else arrive at Midway Atoll. Students can also answer with another marine animal that can become entangled.

- Because they mistake it for food.
- Plastic bags and balloons
- Other animals that swallow plastic debris that are in the story or shown as pictures in the book: Albatross; Sea Turtles; Seal; Puffin. Students can also answer with other marine animals that ingest plastic.
- Because they cannot digest plastic and it stays in their stomach leaving less room for food.
- One large garbage truck full of plastic garbage every minute (of every day) OR 8 million tons a year.
- Water for the water cycle; Oxygen; Weather patterns (and air temperature)
- 5
- In circular patterns. Just like a whirlpool, these currents draw plastic garbage into their centers.
- Plastic soup
- Botley gets placed in a recycle bin. This is good because he will not get littered and possibly end up in the ocean and instead will get ground up and made into something else useful.
- To help raise awareness and reduce the use of plastic, Kai and Morgan and their class did the following:
 - Make posters to put up in their school and community.
 - Organized a litter cleanup on the roadsides and beaches in their community.
 - Made presentations at other schools in their community.
 - Promoted changes in their school, which were done:
 - More recycle bins were put in place
 - Plastic plates, cups and cutlery were replaced with reusable plates and cups/glasses and bamboo forks, knives, and spoons.
 - Started an Environmental Group called SCOOP (Student Champions for our Oceans Protection).
- In the story, the SCOOP group:
 - Stopped the use of plastic carryout bags in their community.
 - Set up website with ways that individuals can reduce their use of plastic and also examples of student projects.
 - Have started to work on stopping or reducing the use of Styrofoam and other plastic containers in their community.
- Student ideas, anything that is appropriate. Can refer to the 'say no' to ideas at the back of the book.
- Student ideas, teacher's discretion as to feasibility. Can refer to 'examples of student projects' at the back of the book.

More action ideas on oceanchampions.ca website, under *take action*.