

Name _____

Video Guide: Plastic Paradise

Before the Video:

1. List 5 things that you use each day that are made of plastic.

2. Do you think that all plastics are recyclable? Why or why not?

3. Use your computer to look up the "Midway Atoll." Describe the location of this place. Then put your computer away.

During the Video:

4. What is the main natural resource that is used to make plastics?

5. How did 10s of thousands of pounds of plastic end up on an island that is mostly uninhabited (has no real permanent human residents)?

6. What is a "single-use" product? Give an example of things that you use that are "single-use."

7. Why are coral reefs important to life on Earth?

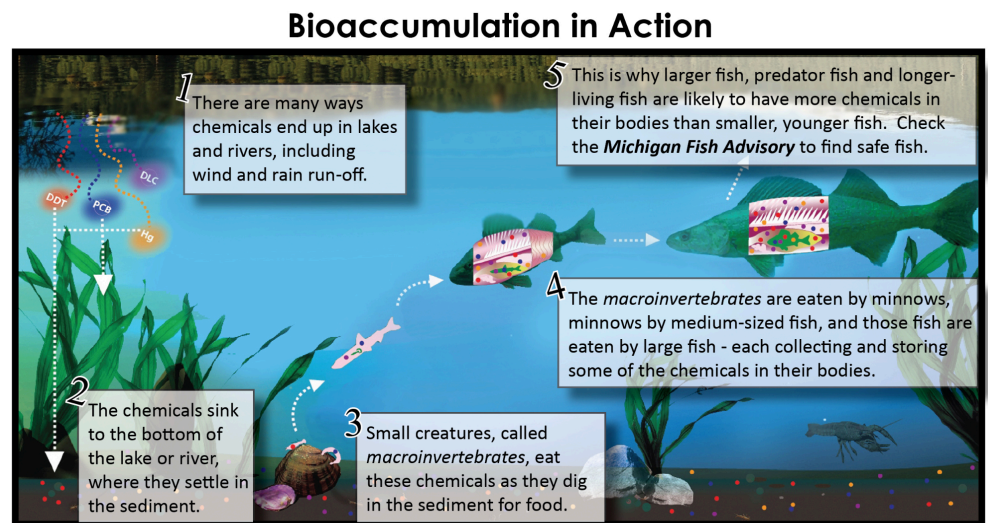
8. How are discarded fishing nets a problem in the ocean?

9. How could chemicals we produce and don't want in our bodies get into our bodies anyway?

10. What are some solutions to reducing the amounts of plastics in the ocean?

After the video:

11. Look at this picture of bioaccumulation. Bioaccumulation is the process of chemicals and other substances building up in larger organisms as they eat smaller organisms with that substance.



How might this be a problem for humans?

12. Research - This video highlights many different issues with why pollution needs to be addressed. Look up ONE of the following topics (A, B, or C) and write a short summary of your findings.

- A. Has BPA been removed from commonly used items (like plastic bottles? What about receipt paper?)
- B. Do we have microplastics in our local water supply (Poudre River, Horsetooth Reservoir)? <https://www.psdschools.org/node/1415>
- C. Why would it be difficult for humans to reduce plastic use?

--