

Healthy Oceans

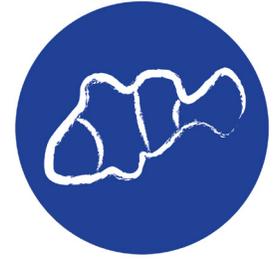
Discussion

Questions

Healthy Oceans

Coral Reefs and Climate Change

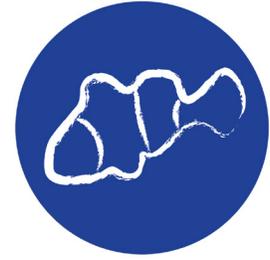
Discussion Questions



1. How are human activities like burning coal, oil, and natural gas for energy affecting the environment, including the marine environment?
2. What are greenhouse gases? Are they good or bad? What impacts can/do they have on the Earth?
3. What is coral bleaching, and what causes it?
4. How can an action you take or decision you make, like walking instead of driving, affect something or someone miles away from you?



Healthy Oceans Solutions to Human Impacts Discussion Questions

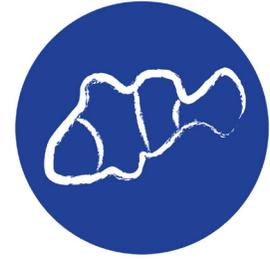


1. What is an 'invasive species'? What impacts can invasive species have on marine ecosystems?
2. Can invasive marine species impact people?
3. How do invasive species get to the new marine ecosystems that they invade? Why are they often so successful at invading?
4. What are some steps being taken to combat the issue of invasive marine species?
5. What is a 'Marine Protected Area,' or MPA? What is its purpose? How can MPAs differ?



Healthy Oceans Sustainable Seafood

Discussion Questions



1. What kinds of questions might you want to ask before buying or ordering seafood, and why?
2. Why might you want to limit the amount of some fish that you eat?
3. What tools exist that can help you decide how much of certain fish to eat, or which fish to eat?
4. What do you think 'sustainable' means? What might sustainable fishing look like?



5. How are fish caught? Do all methods of fishing affect the marine environment equally?

6. What does fishing or eating 'high on the marine food chain' mean? Is it better to eat 'lower on the food chain'? Why or why not?

7. Can you think of an example of a marine food chain? Why do you think fish lower on a marine food chain—like anchovy and sardine—tend to have larger populations sizes, be smaller-bodied, and reproduce more quickly compared to animals higher on a marine food chain (like sharks)?

8. How does pollution (like mercury) move through a marine food chain?

9. Are farmed fish better than wild-caught fish? Why or why not?

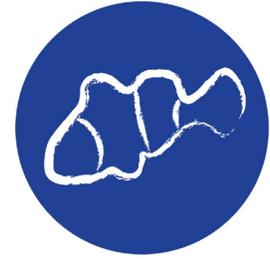
10. What are different ways that farmed fish are grown and raised? How do they compare?



Healthy Oceans

Preventing Plastic Pollution

Discussion Questions



1. How many things can you think of that are made of plastic? Why is plastic so common?
2. What are some of the benefits and drawbacks of plastic?
3. What are plastics made of? Could this be problematic? Why or why not?
4. How long does plastic stay in the environment? Could this be problematic? Why or why not?
5. How can plastic get from the middle of a continent to the middle of the ocean?



6. Is it feasible to drag a large net behind a ship and scoop up all of the plastic debris that's in the ocean? Why or why not?
7. What are microplastics, and how do they form?
8. What problems does plastic debris in the ocean pose for marine life, and why?
9. Most plastic debris in the ocean comes from land. What are some things people and communities are doing to address the problem of plastic debris in the ocean? What are some things you can do?
10. What are some alternatives to plastic packaging that might be better for the environment?
11. What do you think the saying 'think globally, act locally' means? How does this apply to the issue of plastic debris in the ocean?

