


Feb. 8-12 Station 2: Explore How Humans Affect the Oceans

1. Directions: Watch the two videos to understand how humans impact the oceans. Then complete the activities below.

2. Directions: Match the action to the outcome. Then decide if that outcome has a positive or negative impact on oceans.

Action	Outcome	Positive or Negative Impact on Oceans?
Throwing trash into the ocean		
Drilling for oil in the deep ocean		
Creating artificial reefs		
Protecting endangered ocean species		
Increased demand for fish		

3. Directions: Below you will see 10 ways that you can help positively impact the oceans. Place a star in the box next to the three ways that you would like to help the oceans, and then write a brief explanation below for why you chose those three ways.

☐**KEEP BEACHES & WATERWAYS CLEAN**  


Marine debris usually originates on land. Even if you live far from the coast, your litter ends up in the sea.

☐**NO MORE MICROBEADS**  

Avoid products with microbeads – polyethylene particles widely used in toothpaste and exfoliating products.

☐**REDUCE USE OF PLASTICS**  


Bring your own reusable drink and food containers and use cloth bags at the grocery store.

☐**MAKE BETTER TRANSPORTATION CHOICES**  


Identify opportunities to ditch your car and walk, bike, or take public transportation.

☐**REDUCE HOUSEHOLD ENERGY USE**  

Unplug items not in use, identify and resolve energy inefficiencies in your home.

☐**EAT SUSTAINABLE SEAFOOD**  


Use a seafood guide to make better decisions. Consider seafood sustainability when choosing a diet for your pet.

☐**USE FEWER GARDEN CHEMICALS**  

Pesticides and fertilizers seep into water sources and eventually into the sea.

☐**USE NON-TOXIC CLEANING PRODUCTS**  

Simple, non-toxic ingredients like vinegar, baking soda, or lemon juice are effective household cleaners.

☐**ENJOY THE OCEAN**  

Increase your connection to the sea by surfing, diving, beachcombing, sailing, paddle boarding, kayaking, or anything that brings you joy!

☐**GET INVOLVED**  

Participate in beach cleanups, sign petitions, and vote to support legislators and laws that protect the ocean.

I chose these three ways to help the oceans because...



Once you have finished you can use the rest of your class time playing these games:

### THE MAYOR

What would you do if you were mayor and your city was contributing to the greenhouse effect? That is what you will have to figure out in this game.

<https://app.legendsoflearning.com/join/YXNzaWdubWVudC0zMzM0M0MDk=>

### THE STORY OF NATURAL RESOURCES

You will take a journey through a small community and see how they used and abused their resources, but you will also see how they fixed their resource problems.

<https://app.legendsoflearning.com/join/YXNzaWdubWVudC0zMzMzODI=>