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| \_\_\_\_\_\_\_\_\_ is when commercial fishermen catch a portion of animals that they didn’t originally intend on catching in their nets, which eventually get thrown back into the ocean.  In most cases injuring or killing fish | \_\_\_\_\_\_\_\_\_\_\_ is the process in which water from the depths (deeper parts of the ocean) moves up to the surface (coast) because the direction the wind is pushing the water. | \_\_\_\_\_\_\_ affects the amount of dissolved oxygen in water.  The colder the water the more dissolved oxygen water can hold  The warmer the water, the lesser amount of DO | \_\_\_\_\_\_\_\_ is the slow process where the overabundance of algae blooms covers the surface of a body of water, blocking the sun from penetrating down and reducing the amount of oxygen in water | \_\_\_\_\_\_\_\_\_\_\_\_\_ are underwater volcanoes that seeps methane gas and *other nutrients from the earths interior into the water, providing that food and heat that plants need/use*. This process is known as chemosynthesis | \_\_\_\_\_\_\_\_\_ is the area where continental crust meets oceanic crust resulting in a deep drop since the density of the crust differs greatly |
| Only exist in areas where sunlight reaches **(use this fact twice)** | This ocean zone is where land meets sea | \_\_\_\_\_\_\_\_\_\_\_ is when so many fish are caught, that the population can’t reproduce fast enough to replace them. | Amount of oxygen dissolved in water and is essential to healthy streams and lakes | Built up limestone deposits from small organisms called corals | \_\_\_\_\_\_ measures how cloudy the water is.  The cloudiness can be caused by suspended solids such soil, sewage, and algae |
| Too much \_\_\_\_\_ and \_\_\_\_\_ can cause eutrophication | \_\_\_\_\_\_\_\_\_ is the gradual sinking on continental crust into water | Type of seaweed that attaches itself to ocean floor | This brings nutrients to the surface of the water and makes great fishing spots for fishermen | Animal like organisms that eat other organisms | Area between low and high tides |
| Converts sunlight and carbon dioxide into food and oxygen. | Located in cold waters | \_\_\_\_\_\_\_ eats \_\_\_\_\_\_ to become food for other organisms | Explain the difference between a good and bad bio indicator in your notes | Provides habitats for many animals  **(use this fact twice)** | A man-made or natural area where water collets and is stored.  The ocean is the largest \_\_\_\_\_\_\_. |
| Identifies the acid/base balance of water  Ranges from 0-14  The closer the number is to 0 the more acidic, the closer it is to 14 the more basic | The \_\_\_\_\_\_\_\_\_ aka \_\_\_\_ sets standards for safe, clean drinking water. The \_\_\_\_ also tests and regulates water and requires water to be treated if necessary. | \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_ are needed by living plants and animals to build proteins. \_\_\_\_\_\_ and \_\_\_\_\_\_ usually comes from things such as fertilizer, sewage, and leaking septic tanks, human and animal waste, etc. | Organisms in this area must be able to survive great changes in temperature, sunlight, and salinity | Since it is located so far down, the pressure increases so much that people could IMPLODE and not as many marine animals swim/survive in this area. | Pollution that enters waterways from a source that is hard to pinpoint where it came from |
| \_\_\_\_\_\_ has the GREATEST AMOUNT of ocean life because the amount of nutrients and temperature | Located in warm tropical regions | This zone is the deepest, coldest, and darkest part of any body of water. | Pollution that enters waterways from a known source | When phosphorus and nitrogen levels increase, it causes an increase in algae blooms. | The \_\_\_\_\_\_ zone and the \_\_\_\_\_\_ have a lot of life because of the sun |
| Looking at the health of the organisms that are living in the water, can help determine the health of the water system | Only found in waters near shore | Plant like microbes that make their own food | This zone has very little if any sun at all. Most \_\_\_\_\_\_\_ zones have NO SUN! | Explain the steps of the water treatment process | Converts just as much CO2 into oxygen as all land plants combined |