Lesson 2 Human Impacts

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1. Identify two major impacts of marine ecosystems that are caused by humans.

1. One major impact of marine ecosystems that are caused by humans is pollution.

example(s) Pollution creates a bad environment for the marine mammals and when the sea creatures eat the stuff that pollutes the ocean they die.

1. The second major impact of marine ecosystems that are caused by humans is habitat destruction.

example(s) When people go drilling under the ocean they usually drill for oil which contains toxic chemicals that harm the environment and make it bad for the sea creatures to live in.

2. List four examples of impacts on marine ecosystems and explain how the impact affects the organisms in the ecosystem on the lines provided. Identify each impact as pollution or habitat destruction by circling it.

1. Impact #1 Pollution Pollution or Habitat Destruction

Pollution is bad for sea creatures. The trash mixed with water is not a good result. The animals will eat the trash and then they will get sick then die.

1. Impact #2 Habitat Destruction Pollution or Habitat Destruction

Habitat Destruction is bad too. When drilling for oil or mining for lithium it can disrupt the ground in the ocean and cause the toxicity to kill animals and destroy the ground and plants below them.

1. Impact #3 Pollution Pollution or Habitat Destruction

When the sewage water is released into the ocean the pollution and things from the sewer go into the ocean and when the sea creatures touch the polluted things they are highly affected. When humans dump pollution stuff on coral and the plants they die which can cause them to not be able to live anymore or regrow in that area thanks to pollution.

1. Impact #4 Habitat Destruction Pollution or Habitat Destruction

Habitat Destruction causes many horrible things, for example cities, factories, and farms create waste, pollution, and chemical effluent and runoff that can wreak havoc on coral reefs, sea grasses, birds, and fish which is all caused by habitat destruction.

3. What are some ideas you have on how can we protect marine ecosystems?

Here is one idea to protect marine life: we can stop killing sea creatures for meat, don’t touch reefs, don’t go mining beneath the ocean, and stop polluting.