NAME: _____ DATE: _____

SCIENCE - POLLUTION



Plants such as seaweed and kelp are used as food. They are also used in products such as hand creams, toothpaste and fertilizers. The ocean floor contains many minerals. Gas and oil are buried deep beneath the ocean floor and sea water itself is an important resource.

Pollution is the contamination of the land, air, and water. Substances that cause pollution are called **pollutants**.

Pollutants that affect the ocean are: paper towels, card board boxes, cotton rope, 6 pack soda can rings, plastic jugs, fishing lines, human waste, tin cans, diapers, oil slicks, fertilizers, wood, Styrofoam cup, buoys, and aluminum cans.

Fertilizers and detergents contain phosphorus. Phosphorus causes algae to grow very quickly. Oceans are also polluted by natural means and by humans. People dump waste material into the ocean, and later it washes up on the beach. Often the waste consists of non-biodegradable substances such as plastics. Marine life eats the plastic and strangle. This also occurs in organisms that feed on or near bodies of water.

Oil spills are another source of pollution. Oil clean up campaigns – soaked up by substances that absorb oil; spray with detergents that break up oil into droplet; skimmers can be used to remove oil from the water surface; add bacteria that digest oil to the water and the beach.

Fill in the blanks with the appropriate missing word.

Pollution is the _____ of the _____,

_____, and _____.

Substances that cause pollution are called _____.

Answer the following questions with the correct response.

1. What is the ocean filled with?

   _____ [1]

2. Name **TWO** plants that are used as food?

   _____ [2]

LIVEWORKSHEETS

3. Define the term ***pollution***.

_____ [2]

4. Name **TWO** pollutants that affect the ocean.

_____ [2]

5. "Often the waste consists of ***non-biodegradable*** substances such as plastics."

   What is the meaning of the term non-biodegradable?

_____ [2]

6. Study the picture below, then answer the questions that follows.



a. "**Humans pollute the ocean and endanger our marine resources**."
Explain **TWO** ways in which this can happen.

_____

_____ [2]

b. What are **TWO** ways we can mitigate the amount of harmful substances being released into the ocean?

_____

_____ [2]

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