



# OCEAN WATER WORKSHEET

The students should use books or websites to find the information they need to fill in the blanks.

For your convenience, here are the answers that I found.

## Salt Water Facts:

5 teaspoons of salt per gallon of ocean water.

Ocean is 3.5% salt. (On average, as the figure will be slightly higher or lower for some seas.)

Saltiest closed sea is the Dead Sea.

Saltiest open sea (connected to an ocean) is the Red Sea.

Least salty sea is the Baltic Sea.

## Mineral Facts:

1) Magnesium (Mg)

2) Iron (Fe)

3) Calcium (Ca)

4) Potassium (K)

5) Sulfur (S)

6) Phosphorus (P)

7) Silicon (S)

8) Carbon (C)

9) Sodium (Na)

10) Chlorine (Cl)

Dissolved gases: Oxygen, carbon dioxide, nitrogen

## Inside water droplet:

3.5% is salt.

95.5% is H<sub>2</sub>O.

Draw an H<sub>2</sub>O molecule in the large blank space.

Most abundant elements in ocean water are hydrogen and oxygen.

## Freezing facts:

Fresh water freezes at 32 degrees F, or 0 degrees C.

Salt water freezes at 28 degrees F, or -2 degrees C.

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Students fill in their favorite marine animals in the small circles.

The main point is that they understand that the word "marine" refers to the ocean.