



Subject: Science

Grade: Grade 8

Subject teacher: Ms. Rachell Ann

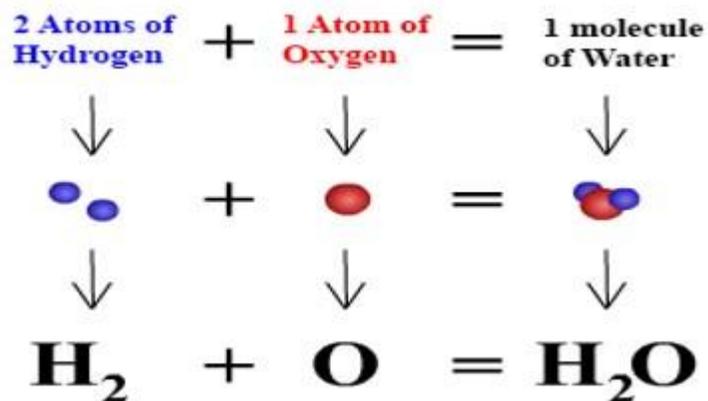
Date: From February 17 to 21, 2019

What are students expected to know by the end of the week?

By the end of the week, the students are expected to demonstrate understanding of the following key concepts:

Elements combine to form compounds.

1. **Compounds have different properties from the elements that make them.**
 - A **compound** is a combination of two or more elements.
2. **Atoms combine in predictable numbers.**
 - Compounds have a definite composition. Each compound contains a specific ratio of atoms held together by chemical bonds.
 - A chemical compound is represented by a **chemical formula**. Chemical formulas use the symbols for the elements to show the different elements that make up a compound. To show the ratios of the atoms of those elements in the compound, subscripts are used.
 - A **subscript** is a number written to the right of the chemical symbol and slightly below the line—e.g., CO₂.
 - Different compounds, such as H₂O and H₂O₂, can be composed of the same elements. Because they are different compounds, they have different properties.



SCIENCE VOCABULARY WORDS: compounds, chemical formula, substance

Resources needed during instruction.

During our class discussion, worksheets, group activities with the use of differentiation will be used as teaching methodology to cater the needs of the students. The use of multimedia (educational videos and power point presentations) is important tool in teaching and learning process.

Laptop is needed for achieve3000 (electronic book)

Homework and Projects to accomplish



Answer think-review- apply on Unit7: Chemical Interactions, Chapter 2: Chemical Bonds and Compounds, Lesson1: Chemical Compounds and Chemical Formula

PREPARE FOR A SHORT QUIZ AFTER THE LESSON.

How can parents help their children to practice the learning task at home?

Parents are encouraged to take part in reviewing the concepts at home. The use of flashcards and picture is a big help. In addition, parents are requested to remind their child to accomplish their homework.