**Question #1**Using the example of a salt molecule analyzed in class, construct a model of a water molecule using the chemical formula H2O.Be sure to label the atoms and the chemical bonds.

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| **Question #1****Science Objective # 1, 2, 3**.  | **0 Points**Student does not construct or label a molecule. | **2 Points**Student correctly labels either the number of atoms, type of atoms, or the chemical bonds but not all three; **BUT** Student constructs the molecule incorrectly | **4 Points**Student correctly labels the number and type of atoms (Hydrogen, Oxygen) and the chemical bonds; **BUT** Student constructs the molecule incorrectly. **OR** Student constructs the model correctly; **BUT** Student labels the number and/or type of atoms and/or chemical bonds incorrectly . | **6 Points** Student correctly labels the number and type of atoms (Hydrogen, Oxygen) and the chemical bonds;**and**Student constructs the model correctly |

**Question #2**

Ocean water contains 3 tablespoons of salt so is not suitable to drinking. Design a solution you could use to separate the salt from the water. Include the tools you would use and how you would measure or determine that you separated the salt.

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| **Question #1****Science Objective #3**  | **0 Points**Student does not attend to answer the question. | **2 Points**Students correctly mention the boiling process but it is not explained. Tools are not mentioned. | **6 Points**Student does not construct or label a molecule. Summative assessment: The students are given a summative assessment (test) at the end unit. Also, the projects at the end of the unit will be considered as a summative assessment. | **9 Points**Students will describe the process of boiling such the process of evaporation to vaporize the water and reclaim the salt. Students select a method, identify tools and a method for measuring the separated salt |