**Lesson Plan Title: Exam Review**

**Teacher’s Name: Mr.Gomez Subject/Course: Chemistry**

**Unit:** Click here to enter text. **Grade Level: College Prep**

**Overview of and Motivation for Lesson:**

**Wrap up Unit and understand how each concept connects**

|  |  |  |
| --- | --- | --- |
| **Stage 1-Desired Results** | | |
| **Standard(s):**   * Click here to enter text. | | |
| **Aim/Essential Question:**   * How does each concept in the unit connect? | | |
| **Understanding(s):**  *Students will understand that . . .*   * An atom is made up of neutrons, electrons and protons * Isotopes have same number of protons but different neutrons * Mass number equals neutrons plus atomic number * Molar mass is calculated by looking at formula and adding components | | |
| **Content Objectives:**  *Students will be able to . . .*   * Calculate molar mass * Calculate number of protons, electrons and neutrons * Use periodic table to solve problems | | **Language Objectives:**  ELD Level 1 *Students will be able to . . . in English*   * Give an answer based on the information given   ELD Level 4 *Students will be able to . . . in English*   * Practice solving questions similar to the exam |
| **Key Vocabulary**   * none | | |
| **Stage 2-Assessment Evidence** | | |
| **Performance Task or Key Evidence**   * Students in a group will work together to solve problems related to the unit under certain time restrain | | |
| **Key Criteria to measure Performance Task or Key Evidence**   * Work Together to solve Kahoot problems as a group | | |
| **Stage 3- Learning Plan** | | |
| **Learning Activities:**  Do Now/Bell Ringer/Opener: Take out Periodic Table and obtain a calculator and form groups  Learning Activity 1:  Kahoot  Learning Activity 2:  None  Application  **Help review for the exam**  Summary/Closing  **Remind everyone to study for the exam**  **Multiple Intelligences Addressed:**   |  |  |  |  | | --- | --- | --- | --- | | Linguistic | Logical-Mathematical | Musical | Bodily-kinesthetic | | Spatial | Interpersonal | Intrapersonal | Naturalistic |   **Student Grouping**  Whole Class  Small Group  Pairs  Individual  **Instructional Delivery Methods**  Teacher Modeling/Demonstration  Lecture  Discussion  Cooperative Learning  Centers  Problem Solving  Independent Projects | | |
| **Accommodations**  None | **Modifications**  None | |
| **Homework/Extension Activities:**  Review for the exam | | |
| **Materials and Equipment Needed:**   * Phones * Calculators * Periodic Table * White Boards | | |

**Adapted from Grant Wiggins and Jay McTighe-*Understanding by Design***