**ARC Week at Glance – Meena (S2, W9)**

**Topic: Newton’s law of motion Course: Phy.Science Grade: 9-12 Dates: March 3--7**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Learning Target****(I am learning …)** | **Criteria for Success****(I can…)** | **Activation/ Instruction** |  **Collaboration/** **Guided Practice** | **Independent Learning/ Assessment** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* |
| **Monday** | *I am learning about Newton’s law of motion.* | *I can…**-Identify Newton’s 3 Laws of Motion**-Apply Newton’s Laws to everyday scenarios.* | *Do Now: Recall and review questions.* | *Newtons law ppt and student notes.* | *Unit 5—Pre-Test**Electromagnetism project.* |
| **Tuesday** | *I am learning about Newton’s law of motion.* | *I can…**-Identify Newton’s 3 Laws of Motion**-Apply Newton’s Laws to everyday scenarios.* | *Do Now: Claim evidence reasoning questions* | *Continuation of newtons law ppt and notes.* | *Newton’s law worksheet* |
| **Wednesday** | *I am learning about Newton’s law of motion.* | *I can…**-Define and apply Newton’s 3 laws of motion to different scenarios.**Define inertia.* | *Do Now: multiple choice questions with reasoning.* | *Newtons law phet lab* | *Lab hand out –collecting data* |
| **Thursday** | *I am learning about Newton’s law of motion.* | *I can..**apply the Newton’s laws to solve problems involving motion, and recognize the relationship between force, mass, and acceleration.* | *Do Now: Math/data analysis practice.* | *Newton’s law phet lab continuation.* | *Lab hand out—interpreting data.* |
| **Friday** | *I am learning about Newton’s law of motion.* | *I can..**distinguish between balanced and unbalanced forces, and identify action-reaction pairs in everyday situations.* | *Do Now: multiple choice questions with reasoning.* | *Discuss the difference between balanced and unbalanced forces,* | *Finishing phet simulation lab.* |

**Additional Info: Literacy Task Minor Grade Major Grade Course materials and resources are available in Canvas.**

**ARC Week at Glance – Meena (S2, W9)**

**Topic: Empirical and molecular formula Course: AP Chemistry Grade: 9-12 Dates: March 3-7**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Learning Target****(I am learning …)** | **Criteria for Success****(I can…)** | **Activation/ Instruction** |  **Collaboration/** **Guided Practice** | **Independent Learning/ Assessment** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* |
| **Monday** | *I am learning about stoichiometry.* |  *I can--- Demonstrate understanding on interpreting a balanced chemical equation in terms of quantities like moles, mass and volume* | *Do Now: Review for the test on stoichiometry*. | *Recall Dimensional analysis method to relate number of moles, mass of two substance in a balanced equation.* | *Unit Test—Stoichiometry.* |
| **Tuesday** | *I am learning about stoichiometry.* | *I Can..**--Identify limiting reactants in a chemical reaction.* | *Do Now: Recall and review questions.* | *Limiting reactant video and notes.* | *Limiting reactant assignment.* |
| **Wednesday** | *I am learning about stoichiometry.* | *I Can..**--Determine the empirical formula of a compound, given its percentage composition.* | *Do Now: Claim evidence reasoning questions* | *Percent composition instruction and notes.* | *Percent composition assignment*. |
| **Thursday** | *I am learning about stoichiometry.* | *I can…**--Determine the molecular formula of a compound, given its empirical formula and molar mass.* | *Do Now: Math/data analysis practice.* | *Empirical and, molecular formula ppt and student notes.* | *Empirical formula and molecular formula worksheet* |
| **Friday** | *I am learning about stoichiometry.* |  *I Can…**--Determine the molecular formula of a compound, given its empirical formula and molar mass.* | *Do Now: multiple choice questions with reasoning.* | *Empirical and, molecular formula ppt and student notes* | *Empirical formula and molecular formula worksheet* |

**Additional Info: Literacy Task Minor Grade Major Grade Course materials and resources are available in Canvas**