**ARC Week at Glance – Meena (S2, W8)**

**Topic: Electromagnets Course: Phy. Sci Grade: 9-12 Dates: February 24-28**

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|  | **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 Electricity.* | *I can…**Demonstrate my understanding on the concept ohm’s law and circuit.* | *Review the formula -ohm’s law, series and parallel circuit.* | *Unit test—Ohm’s law and circuit.* | *Go over the answers and retake opportunity for failures.* |
| **Tuesday** | *I am learning about Electromagnetism.* | *I can…**Determine the relationship between magnetism and the movement of electrical charge.* | *Bell Ringer: MCQ’s with justification.* | *Introduction to Magnetism and how it influences to the flow of electric charge—power point and student notes.* | *TOTD: 3 things learned, 2 you already knew, 1 question you still have* |
| **Wednesday** | *I am learning about Electromagnetism.* | *I can…**Determine the relationship between magnetism and the movement of electrical charge.* | *Bell Ringer: Questions related to magnets.* | *Demo of creating an electromagnet**Book notes—chapter on Electromagnetism* | *Evolution and impact of electromagnetism project.* |
| **Thursday** | *I am learning about Electromagnetism.* | *I can…**Define an electromagnet, a simple motor, and a generator.* | *Bell Ringer: Questions related to electromagnets.* | *Research on where simple motors and generators are used in the real world* | *Presentation of project.* |
| **Friday** | *I am learning about Electromagnetism.* | *I can…**-Explain the relationship between electricity and magnetism**-Compare simple motors and generators* | *Bell Ringer: MCQ’s with justification.* | *Reading comprehension—Highlight the important concepts* | *Answer the given questions.* |

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

**ARC Week at Glance – Meena (S2, W8)**

**Topic: Stoichiometry Course: AP Chemistry Grade:9-12 Dates: February 24-28**

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|  | **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..**-relate the number of moles of two substances in a balanced chemical equation.* | *Bell Ringer: --activate the prior knowledge on mole conversion and make connections to solve the given problem.* | *Mole -mass practice assignment* | *College board videos 4.5* |
| **Tuesday** | *I am learning about Stoichiometry.* | *I can..**-relate the number of moles of two substances in a balanced chemical equation.* | *Bell Ringer: activate the prior knowledge on mole-mass conversion and make connections to solve the given problem.* | *Mass -mass practice assignment* | *College board videos 4.5* |
| **Wednesday** | *I am learning about Stoichiometry.* | *I can…**interpret a balanced chemical equation in terms of quantities like moles, mass and volume* | *Bell Ringer: activate the prior knowledge on mass-mass conversion and make connections to solve the given problem.* | *Pogil-- stoichiometry* | *College board –Topic questions* |
| **Thursday** | *I am learning about Stoichiometry.* | *I Can…**interpret a balanced chemical equation in terms of quantities like moles, mass and volume* | *Bell Ringer: MCQ’s with justification* | *Pogil--stoichiometry* | *College board—Topic questions.* |
| **Friday** | *I am learning about Stoichiometry.* | *I can…**Demonstrate my understanding on the concept of stoichiometry.* | *Bell Ringer: MCQ’s with justification.* | *4.5 –stoichiometry video—highlight the important concept.* | *Complete I do we do, you do assignment on 4.5* |

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