**ARC Week at Glance – Meena (S 1, W 14)**

**Topic: Lewis Structure & formal charge 2.5& 2.6 Course: AP Chem Grade: 9-12 Dates: November4-8**

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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 compound, structure and properties.* | *I can…**--Demonstrate my understanding and mastery on unit 2.1 to 2.4* | *Review the concepts of ionic, covalent bonding properties, structure, lattice energy, metallic properties and alloys.* | *Test on 2.1-2.4(Canvas)* | *Group discussion and go over the answers.* |
| **Tuesday** | *I am learning about compound, structure and properties.* | *I can* *--draw accurate Lewis structure for molecules and ions.**--apply the octet rule when drawing Lewis structure.* | *Do Now: Lewis dot structure for elements in the periodic table.* | *Power point slides /video on Lewis structure.* | *College board videos and topic questions on 2.5* |
| **Wednesday** | *I am learning about compound, structure and properties.* | *I can* *--draw accurate Lewis structure for molecules and ions.**--apply the octet rule when drawing Lewis structure.* | *Do Now: Draw the Lewis structure for the following: ​**1*.*PCl3​ 2. ClO3 -​* | *Topic 2.5 –Lewis structure –I do, we do, you do assignment* | *Exit ticket: Write one thing that interested you in today’s assignment.* |
| **Thursday** | *I am learning about compound, structure and properties.* | *I can…**-calculate the formal charge of each atom within a structure.**--use formal charge to identify the most stable Lewis structure.* | *Do Now**Draw the best Lewis Dot Structure for each of the following species****.*** *​**a)      BeF2 b. BCl3 c. SF5-*  | *Power point slides/ video & student notes on formal charge*. | *College board videos and topic questions on 2.6* |
| **Friday** | *I am learning about compound, structure and properties.* | *I can…**-calculate the formal charge of each atom within a structure.**--use formal charge to identify the most stable Lewis structure.* | *Do Now: Assign formal charges to each atom in each of the following six structures for SCO. Predict which structure is favored. Which is least likely to form? Explain.* | *Topic 2.6-Resonance and formal charge—I do, we do, you do assignment.* | *Edpuzzle video & assessment –Lewis structure & formal charge.* |

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