**ARC Week at Glance – Meena (S 1, W15)**

**Topic: Vsepr bond hybridization Course: AP Chem Grade: 9-12 Dates: November 12-16**

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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** | *Veteran’s day Holiday* | *Holiday* | *Holiday* | *Holiday* | *Holiday* |
| **Tuesday** | *I am learning about the shape of molecules.* | *I can….** *---describe the concept of valence shell electron pair repulsion (VSEPR),*
* *--use VSEPR to predict the shapes and bond angles of simple molecules.*
 | *Do Now: Drawing Lewis structure of molecules.**Discuss the learning target and success criteria*. | *AP video/ power point on 2.7 –vsepr bond hybridization. And student notes.**I do, we do you do packet on 2.7* | *College board videos on 2.5* |
| **Wednesday** | *I am learning about the shape of molecules.* | * *I can…*
* *--identify bonding pairs and lone pairs of electrons within molecules,*

*--link the number of bonding pairs and lone pairs to the shape of the molecule* | *Do Now: sample problems and MCQ’s from college board.* | *Phet simulation—vsepr theory to understand the shape of molecules.* | *College board videos on 2.6* |
| **Thursday** | *I am learning about the shape of molecules.* | * *I can…*
* *--identify bonding pairs and lone pairs of electrons within molecules,*

*--link the number of bonding pairs and lone pairs to the shape of the molecule* | *Do Now: sample problems and MCQ’s from college board.* | *Vsepr theory webquest.* | *College board videos on 2.7* |
| **Friday** | *I am learning about the shape of molecules.* | *I can ..**Demonstrate my understanding on the concept of Lewis structure, formal charge and vsepr theory* | *Review the concepts—Lewis structure, resonance, formal charge and shape of molecules*. | *Students will take a test 2.5—2.7 on canvas.* | *Science fair project submission.**Go over the answers*. |

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