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

**Topic: Gas Laws Course: Phy. Sci Grade: 9-12 Dates: November 12-15**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **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 heating and cooling curve.* | *I can...*  *--Explain how the temperature changes as a substance is heated up.*   * *--Realize that when a state change occurs, a temperature change does not take place*. | *Do Now: The temperature at which a substance changes from a solid to liquid is called \_\_\_\_\_\_\_\_\_* | *Slides & student notes on heating curve* | *Assignment on heating and cooling curve.* |
| **Wednesday** | *I am learning about the Gas Laws.* | *I can...*  *--Define pressure and gas pressure.*  *--Identify factors that affect gas pressure.* | *Do Now:* *You take an inflated balloon and sit on it, causing it to pop. Why did this happen?* | *Demonstrate the relationship between pressure, volume and temperature using/ inflating a balloon.* | *Close reading—Gas laws.* |
| **Thursday** | *I am learning about the Gas Laws.* | *I can…*  *Predict changes in gas pressure due to changes in temperature, volume and number of particles.* | *Do Now: MCQ’s on gas laws.* | *Power point and student notes on gas laws* | *Reading comprehension –Gas laws reading assignment* |
| **Friday** | *I am learning about the Gas Laws.* | *I can…*  *Explain Charles law, Boyle’s law and the combined gas law.* | *Do Now: MCQ’s and explanation.* | *Discuss the definition of Boyle’s and Charle’s laws,* | *Gizmo—ideal gas laws.* |

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