**ARC Week at Glance (Mrs. Hiatt)**

**Topic:** Lab Safety and Scientific Method **Course:** Physical Science **Grade:** 11 **Dates:** 8/5-8/8

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Learning Target**  **(I am learning about…)** | **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** |  |  |  |  |  |
| **Tuesday** | I am learning about rituals and routines.  I am learning about CER writing in science. | I can   * Explain the importance of lab safety * Collect observational data * Write a CER using data to support a claim | Test Prep Tuesday Do Now – Housekeeping 101  Lab Safety Intro | CER Guided Outlines  Alien Invasion CER Data Collection & Collaboration | CER writing TOTD |
| **Wednesday** | I am learning about lab safety and classroom procedures. | I can …   * Discuss the importance of lab safety rules * Know how to respond safely during any safety drill (fire, weather, lockdown, etc.) | WIS WIM Do Now – Lab Safety Infographic  Distribute Lab Safety Contracts and Discuss Safety Expectations | Read Lab Safety Contracts and Discuss  Lab Safety Task Cards Group Collaboration and Discussion  Progress Learning Access & Expectations | CER TOTD:  What is the most important lab safety rule?  Write Claim, Evidence, and Reasoning |
| **Thursday** | I am learning about lab safety and | I can …   * Discuss the importance of lab safety rules * Know how to respond safely during drills * Discover patterns amongst rocket lunches and discuss the importance of pattern recognition with my peers | Throwback Thursday Do Now – Scientific Method  Finish discussing any Lab Safety Rules/Drills Needed | Rocket Videos Analysis and notes  Group discussion over similarities in Rockets—physical description and drawing | TOTD: Why is noticing patterns an important skill in science? What about in life in general? |
| **Friday** | I am learning about lab safety and scientific method. | I can …   * Demonstrate mastery of lab safety rules * Explain how structure affects function with paper airplanes * Record and analyze data to make conclusions | FRQ Friday Do Now – Lab Safety  Review Lab Safety with Review Game (Blooket, Quizlet Live, etc) | Break into groups to create different paper airplanes—groups of 3 work on creating their top airplane (test runs)  Test paper airplanes in hallway (or outside) and collect data (which group, distance traveled, attributes of plane) | Lab Safety Test  Lab conclusions: what PATTERNS did you notice in the paper airplanes that went the farthest? What was the average distance of the class? What could have made the airplanes go even farther? (CER) |

Literacy Tasks Minor Assessment Major Assessment