**ARC Week at Glance: Biology (Rohde)**

**Topic:** Lab Safety & Scientific Method **Course:** Biology  **Grade: 10 Dates: Aug 5 – Aug 9**

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|  | **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** |  |  | No High School Students |  |  |
| **Tuesday** | I am learning about rituals and routines.I am learning about natural selection.  | I can * Define natural selection, adaptation, and evolution
* Design a butterfly that is most fit for the environment
* Discuss advantages of camouflage
 | * Do Now – Peppered Moths
* Student Index Cards

Rituals and Routines Presentation | Class discussion to determine background knowledge of natural selection, adaptation, and evolution Design butterflies & camouflage in the room | Quick butterfly hunt data collection On a Post It- One burning Science Question you’ve always wanted to ask.  |
| **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.)
* Analyze lab scenarios and identify lab safety rules that are not being followed
 | The Chaotic Chemistry Catastrophe Read and DiscussDistribute Lab Safety Contracts and Discuss Safety Expectations  | Read Lab Safety Contracts and Discuss White Board Collaboration – Brainstorm all lab safety rules you can rememberAnalyze Lab Safety Scenarios & discuss with collaborative groups  | CER TOTD:What is the most important lab safety rule? Write Claim, Evidence, and Reasoning  |
| **Thursday** | I am learning about lab safety and scientific method. | I can …* Discuss the importance of lab safety rules
* Know how to respond safely during drills
* Use steps of the scientific method to identify a science fair topic
 | Demo- Scientific Method Graphic OrganizerOn Whiteboards- How could you modify this experiment to test for another variable?Discuss Science Fair Expectations and Steps for Topic Selection  | Science Fair Topic Selection Work Period – Background Research and Topic Brainstorming Science Fair Idea Exploration Worksheet | Think Pair Share Research and Topic Ideas to get peer feedback  |
| **Friday** | I am learning about lab safety and scientific method. | I can …* Demonstrate mastery of lab safety rules
* Use steps of the scientific method to identify a science fair topic
 | FRQ Friday Do Now – Lab Safety Review Lab Safety with Review Game (Blooket, Quizlet Live, etc) | Science Fair Topic Selection Work Period – Website Research Organizer | Lab Safety Test  |

Literacy Tasks Minor Assessment Major Assessment