

## ARC Week at Glance: Biology (Ms. West)

**Topic:** Lab Safety & Scientific Method

**Course:** Biology

**Grade:** 10

**Dates:** Aug 5 – Aug 9

	Learning Target (I am learning about...)	Criteria for Success (I can...)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>		
<b>Monday</b>			No High School Students		
<b>Tuesday</b>	<p>I am learning about rituals and routines.</p> <p>I am learning about natural selection.</p>	<p>I can</p> <ul style="list-style-type: none"> <li>• Define natural selection, adaptation, and evolution</li> <li>• Design a butterfly that is most fit for the environment</li> <li>• Discuss advantages of camouflage</li> </ul>	<p>Test Prep Tuesday Do Now – Peppered Moths</p> <p>Class discussion to determine background knowledge of natural selection, adaptation, and evolution</p>	Design butterflies & camouflage in the room	Quick butterfly hunt data collection and conclusion writing

<b>Wednesday</b>	I am learning about lab safety and classroom procedures.	I can ... <ul style="list-style-type: none"> <li>• Discuss the importance of lab safety rules</li> <li>• Know how to respond safely during any safety drill (fire, weather, lockdown, etc.)</li> <li>• Analyze lab scenarios and identify lab safety rules that are not being followed</li> </ul>	WIS WIM Do Now – Lab Safety Infographic  White Board Collaboration – Brainstorm all lab safety rules you can remember  Distribute Lab Safety Contracts and Discuss Safety Expectations	Read Lab Safety Contracts and Discuss  Analyze Lab Safety Scenarios & discuss with collaborative groups	<b>CER TOTD:</b> What is the most important lab safety rule? Write Claim, Evidence, and Reasoning
<b>Thursday</b>	I am learning about lab safety and scientific method.	I can ... <ul style="list-style-type: none"> <li>• Discuss the importance of lab safety rules</li> <li>• Know how to respond safely during drills</li> <li>• Use steps of the scientific method to identify a science fair topic</li> </ul>	Throwback Thursday Do Now – Scientific Method  Finish discussing any Lab Safety Rules/Drills Needed  Discuss Science Fair Expectations and Steps for Topic Selection	Science Fair Topic Selection Work Period – Background Research and Topic Brainstorming	Think Pair Share Research and Topic Ideas to get peer feedback
<b>Friday</b>	I am learning about lab safety and scientific method.	I can ... <ul style="list-style-type: none"> <li>• Demonstrate mastery of lab safety rules</li> <li>• Use steps of the scientific method to identify a science fair topic</li> </ul>	FRQ Friday Do Now – Lab Safety  Review Lab Safety with Review Game (Blooket, Quizlet Live, etc)	Science Fair Topic Selection Work Period – Background Research and Topic Brainstorming  Science Fair Topic Selection Work Period – Background Research and Topic Brainstorming	Lab Safety Test

Literacy Tasks

Minor Assessment

Major Assessment