

## ARC Week at Glance: IB Biology Year 2 (Ms. West)

**Topic:** Lab Safety & Internal Assessment/Scientific Method

**Course:** IB Biology Year 2

**Grade:** 12

**Dates:** Aug 4 – Aug 8

Note: For lesson resources, handouts, etc., please see our Canvas Course.

|           | Learning Target<br>(I am learning about...)  | Criteria for Success<br>(I can...)   | Activation/<br>Instruction   | Collaboration/ Guided<br>Practice  | Independent Learning/<br>Assessment  |
|-----------|--|--|--|--|--|
|           |  |  | <i>(Include at least one/two formatives*in any part of the lesson as needed)</i>                               |  |  |
| Monday    |  |  | No High School Students  |  |  |
| Tuesday   | I am learning about rituals and routines.<br><br>I am learning about CER writing in science. | I can <ul style="list-style-type: none"> <li>Explain the importance of lab safety</li> <li>Collect observational data</li> <li>Write a CER using data to support a claim</li> </ul>                          | Test Prep Tuesday<br>Do Now – Housekeeping 101<br><br>Lab Safety Intro   | CER Guided Outlines<br><br>Alien Invasion CER Data Collection & Collaboration  | CER writing TOTD   |
| Wednesday | 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></li> </ul> | WIS WIM Do Now – Lab Safety Infographic<br><br>Distribute Lab Safety Contracts and Discuss Safety Expectations | Read Lab Safety Contracts and Discuss<br><br>Lab Safety Task Cards Group Collaboration and Discussion<br><br>Kognity Access & Expectations | CER TOTD:<br>What is the most important lab safety rule?<br>Write Claim, Evidence, and Reasoning |

|                 |   |   |  |   |   |
|-----------------|---|---|--|---|---|
| <b>Thursday</b> | <p>I am learning about lab safety and scientific method.</p> <p>I am beginning to prepare for internal assessment procedures.</p> | <p>I can ...</p> <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> <li>• Design an inquiry-based investigation around something that I am interested in.</li> </ul> | <p>Throwback Thursday Do Now – Scientific Method</p> <p>Finish discussing any Lab Safety Rules/Drills Needed</p> <p>Discuss Science Fair Expectations and Steps for Topic Selection – Inquiry based IA Investigation for Year 2. Science Fair will serve as your IA Draft.</p> | <p>Science Fair Topic Selection Work Period – Background Research and Topic Brainstorming</p> | <p>Think Pair Share Research and Topic Ideas to get peer feedback</p> |
| <b>Friday</b>   | <p>I am learning about lab safety and scientific method.</p>  | <p>I can ...</p> <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>   | <p>FRQ Friday Do Now – Lab Safety</p> <p>Review Lab Safety with Review Game (Blooket, Quizlet Live, etc)</p>   | <p>Science Fair Topic Selection Work Period – Background Research and Topic Brainstorming</p> | <p>Lab Safety Test</p>  |

Literacy Tasks

Minor Assessment

Major Assessment