**ARC Week at Glance: AP/IB Biology (Ms. West)**

**Topic: Course:** AP/IB Biology  **Grade: 10, 11, 12 Dates: Sept 1 - 5**

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

This week’s Homework Focus: AP Daily Videos 2.2 & 2.3

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **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** | Holiday |  |  |  |  |
| **Tuesday** | I am learning about characteristics of life | I can …   * State the 3 postulates of the cell theory * Explain the characteristics of life * Deduce if something is living or nonliving and justify my deduction | Test Prep Tuesday Do Now – CER Practice Question  Intro to Characteristics of Life – Nearpod PreLab Tasks (Cell theory and characteristics of life) | Is it Alive Lab – PreLab-Lab activity will include justification using characteristics of life – students will rotate as small groups through lab stations to determine if items are living or nonliving and provide their justifications using their prelab work | TOTD formative check: Unit 1 Review Wayground Set |
| **Wednesday** | I am demonstrating mastery of Unit 1 Content | I can   * Answer MCQs and FRQS to demonstrate my understanding of Unit 1 Content | WIS WIM Do Now – Summarizing Sentences & Question Writing | Complete Is it Alive Lab PreLab and begin stations after Test is submitted | Unit 1 Test – AP Classroom MCQs, FRQs |
| **Thursday** | I am learning about cell organelle structure and function | I can …   * Distinguish between prokaryotic and eukaryotic cells * Become an expert on one organelle’s structure and function * Construct a dating profile to present my organelle’s structure and functions | Throwback Thursday Do Now – MCQ & Justification writing  Intro to Prokaryotic and Eukaryotic Cells | Complete is it Alive Stations Lab  Begin Speed Dating Organelle Research & Profile Production – students are assigned organelles to research structure and function of and to then create a dating profile to prepare for Organelle Speed Dating Jig Saw Activity | Is it Alive Lab Assessment Check  3, 2, 1 Ticket out the door – 3 things I know about my organelle’s functions, 2 things I know about my organelle’s structure, 1 thing I wonder about my organelle |
| **Friday** | I am learning about cell organelle structure and function | I can …   * Explain the structure and function of my organelle * Complete a graphic organizer about the other organelles as I discuss their structure and functions with my peers * Determine the compatibility of the organelles using evidence to support my ratings | FRQ Friday Do Now – FRQ answer construction and self-assessment | Complete Organelle Profiles (15 minutes)  Speed Dating Organelle Jig Saw Activity (Day 1 of 2) – organelle pairs have 3 minutes to discuss structures and functions and to determine compatibility ratings and justifications. Complete Graphic Organizers for all organelles while participating in speed dating activity | Unit 1 Test Corrections & Relearning/Reassessment Plans Completed as Needed – students who need to reassess will be pulled to small group to work on test corrections before joining speed dating rounds |

Literacy Tasks Minor Assessment Major Assessment