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

Topic: Unit 2: Cell Membranes & Transport **Course:** AP/IB Biology **Grade: 10, 11, 12** **Dates: Sept 22 - 26**

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

This week's Homework Focus: AP Daily Video 2.8 & Cell Membrane Summative Task

	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	I am learning about cell size and magnification	I can … • Write a CER to summarize my cell size lab • Calculate magnification and actual size using scale bar and rules	Math Monday Do Now – SA Volume Question Assign Cell Membrane Summative Task Project – discuss expectations	Cell Magnification Calculations and Data Analysis Lab	Cell Organelles Midweek Assessment Check Corrections
Tuesday	I am learning about cell membrane structure and function.	I can • Model the structure of the cell membrane • Explain the functions of the phospholipids, proteins, and cholesterol in the cell membrane	Test Prep Tuesday Do Now – CER practice question (Claim, Evidence, Reasoning Writing)	Cell Membrane Modeling Lab	Cell Size Lab Assessment Check Unit 2A Kahoot/Quizziz Review & self-assessment

Wednesday	I am demonstrating understanding of Cells, Organelles, and Cell Size	I can … • Answer MCQs about cells, organelles, and cell size • Answer FRQs about cells, organelles, and cell size	WIS WIM Do Now – Summarizing Sentences & Question Writing PreLab – Safety & Procedural Expectations Discussion	N/A – Summative Assessment Day	Unit 2A Test: 2.1, 2.2, 2.3 AP Questions (MCQ & FRQ) – decoding MCQs and constructing answers for FRQs
Thursday	I am learning about cell membrane fluidity and transport	I can … • Model various properties of the cell membrane to explain fluidity, polarity, transport mechanisms, and gap junctions	Throwback Thursday Do Now – MCQ & Justification writing	Cell Membrane Bubble Lab Data Collection & Conclusion Writing – Day 1	Cell Membrane Modeling Lab Assessment Check Turn & Talk – how membranes support transport functions (flexibility, polar/nonpolar regions, transport mechanisms, gap junctions)
Friday	I am learning about cell membrane fluidity and transport	I can … • Model various properties of the cell membrane to explain fluidity, polarity, transport mechanisms, and gap junctions	FRQ Friday Do Now – FRQ Answer Construction & Revision Types of Transport Mini Lecture	Cell Membrane Bubble Lab Data Collection & Conclusion Writing – Day 2	Cell Membrane Bubble Lab Assessment Check

Literacy Tasks Minor Assessment Major Assessment