

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 23 - 27

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

This week's Homework Focus: AP Daily Videos 2.10 & 2.11, Cell Membrane Summative Task

| | 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> | | | | | |
| Monday | I am learning about cell membranes | I can ... <ul style="list-style-type: none"> • Answer IB and AP Style Questions to demonstrate my understanding of the structures of the cell membrane | Math Monday Do Now – SA Volume Question Assign Cell Membrane Summative Task Project – discuss expectations | Cell Membranes Structure and Practice Questions | Unit 2A Kahoot/Quizziz Review & self-assessment |
| Tuesday | I am demonstrating understanding of Cells, Organelles, and Cell Size | I can ... <ul style="list-style-type: none"> • Answer MCQs about cells, organelles, and cell size • Answer FRQs about cells, organelles, and cell size | Test Prep Tuesday Do Now – CER practice question (Claim, Evidence, Reasoning Writing) | 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 |

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| Wednesday | I am learning about cell membrane fluidity and transport | <p>I can ...</p> <ul style="list-style-type: none"> Model various properties of the cell membrane to explain fluidity, polarity, transport mechanisms, and gap junctions | <p>WIS WIM Do Now – Summarizing Sentences & Question Writing</p> <p>PreLab – Safety & Procedural Expectations Discussion</p> | Cell Membrane Bubble Lab Data Collection & Conclusion Writing – Day 1 | <p>Cell Membrane Midweek Assessment: Structure</p> <p>Turn & Talk – how membranes support transport functions (flexibility, polar/nonpolar regions, transport mechanisms, gap junctions)</p> |
| Thursday | I am learning about cell membrane fluidity and transport | <p>I can ...</p> <ul style="list-style-type: none"> 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 2 | Cell Membrane Bubble Lab Assessment Check |
| Friday | I am learning about active and passive transport. | <p>I can</p> <ul style="list-style-type: none"> Distinguish between active and passive transport Explain osmosis, diffusion, and facilitated diffusion Explain protein pumps, endocytosis, and exocytosis | <p>FRQ Friday Do Now – FRQ Answer Construction & Revision</p> <p>Types of Transport Mini Lecture</p> | <p>Active Vs. Passive Transport Venn Diagram</p> <p>Summative Task Work Time – Active and Passive Transport Graphic Organizers</p> | Peer Feedback: Graphic Organizer Grow & Glow |

Literacy Tasks

Minor Assessment

Major Assessment