

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

**Topic:** Unit 2: Cell Membranes & Transport    **Course:** AP/IB Biology    **Grade:** 10, 11, 12    **Dates:** Oct 16 - 18

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

**This week's Homework Focus:** 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>		
<b>Monday</b>				Fall Break	
<b>Tuesday</b>				Fall Break	
<b>Wednesday</b>	I am learning about active and passive transport	I can <ul style="list-style-type: none"> <li>• Predict the impact on a cell a hypertonic, hypotonic, and isotonic solution has</li> <li>• Collect and analyze data to explain osmolarity in cells</li> </ul>	WIS WIM Do Now – Summarizing Sentences & Question Writing	Orbeez Osmolarity Lab Investigation Day 1 – initial measurements recorded, systems set up to run overnight  Active and Passive Transport Venn Diagrams  Complete Bubble Lab Data Collection – 2 <sup>nd</sup> & 5 <sup>th</sup> Periods	Orbeez Osmolarity Lab Predictions  Cell Membrane Bubble Lab Summaries & Conclusions

<b>Thursday</b>	I am learning about active and passive transport	I can <ul style="list-style-type: none"> <li>• Predict the impact on a cell a hypertonic, hypotonic, and isotonic solution has</li> <li>• Collect and analyze data to explain osmolarity in cells</li> </ul>	Throwback Thursday Do Now – MCQ and justification writing	Orbeez Osmolarity Lab Investigation Day 2 – measurements recorded, data analysis & conclusions  Summative Task Work Time – Active and Passive Transport Graphic Organizers	Cell Membrane Bubble Lab Assessment Check  Orbeez Osmolarity Lab Conclusions
<b>Friday</b>	I am conducting my Science Fair Investigation	I can <ul style="list-style-type: none"> <li>• Collect and analyze data to answer my research question</li> <li>• Present my findings in a formal report and PowerPoint presentation</li> </ul>	FRQ Friday Do Now – Free Response Answer Construction, Self-Assessment, and Revision	SF Work Period – data collection, analysis, typing up Reports & Presentations  OR  Summative Task Work Time – Active and Passive Transport Graphic Organizers	SF Check ins – conferencing with individuals regarding SF progress

Literacy Tasks

Minor Assessment

Major Assessment