

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

Topic: Chemistry of Life: Water and Macromolecules (Carbohydrates)

Course: AP/IB Biology

Grade: 10, 11, 12

Dates: Aug 11 - 15

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

Homework: AP Classroom Videos 1.3 – 1.4

	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 data analysis and graphing.	I can <ul style="list-style-type: none"> Calculate the mean, standard deviation, and standard error of a data set Construct a graph with error bars 	Math Monday Do Now: Standard Deviation and Standard Error of the Mean	Water Properties Lab Data Analysis and Graphing	Unit 1 Pre-Assessment: AP Classroom Progress Check MCQ
Tuesday	I am learning about data analysis and graphing.	I can <ul style="list-style-type: none"> Calculate the mean, standard deviation, and standard error of a data set Construct a graph with error bars 	Test Prep Tuesday Do Now – CER practice question (Claim emphasis) Water Properties Card Sort in Collaborative Groups	Water Properties Lab Graphing and CER writing	CER conclusion writing Water Properties Lab

Wednesday	I am learning about water properties and the functions of life.	I can <ul style="list-style-type: none"> Describe cohesion, adhesion, and surface tension and how they support the functions of life Describe the thermal properties of water and how they support the functions of life. 	WIS WIM Do Now – Summarizing sentences for information presented in data table, graph, infographic and writing questions	Water Properties Mini Investigation Stations	Midweek Assessment Check – Water Properties Lab Quiz
Thursday	I am learning about water properties and the functions of life.	I can <ul style="list-style-type: none"> Describe cohesion, adhesion, and surface tension and how they support the functions of life Describe the thermal properties of water and how they support the functions of life. 	Throwback Thursday Do Now – MCQ practice question with justification writing	Water Properties Mini Investigation Stations	Water Properties TOTD formative check

Friday	I am learning about macromolecules.	I can ... <ul style="list-style-type: none"> • Recognize monomers and macromolecules • Match monomers to the correct macromolecules • Describe molecular structures and bonds 	FRQ Friday Do Now – free response practice question	Macromolecules Pogil Activity – reading pogil information and analyzing models	TOTD: Macromolecules/Monomers identification
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Literacy Tasks

Minor Assessment

Major Assessment