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

Topic: Chemistry of Life **Course:** AP/IB Biology **Grade: 10, 11, 12** **Dates: Aug 18 - 22**

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

This week's Homework Focus: AP Classroom 1.5 & 1.6 Daily Videos and Notes

	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 macromolecules.	I can • Recognize monomers and macromolecules • Match monomers to the correct macromolecules • Describe molecular structures and bonds	Math Monday Do Now – Mean, Standard Deviation, Standard Error of the Mean Complete and check pattern matching macromolecules assignment began in class Friday	Macromolecules Foldable as work through Identifying Molecules Gizmo Whole group lecture if Gizmo still not functional	Macromolecules formative check TOTD
Tuesday	I am learning about macromolecules.	I can • Recognize monomers and macromolecules • Match monomers to the correct macromolecules • Describe molecular structures and bonds	Test Prep Tuesday Do Now – CER Macromolecules Card Sort Expectations and Directives given	Macromolecules Card Sort Activity as table groups – recognizing patterns, functional groups, and macromolecules	TOTD: Macromolecules/Monomers identification quick check

Wednesday	I am learning about macromolecules and monomers.	I can … • Identify macromolecules and monomers • Outline hydrolysis and dehydration reactions	WIS WIM Do Now – Summarizing Sentences & Question Writing	Outlines of dehydration synthesis and hydrolysis reactions of proteins	Water Properties & Macromolecule Structure Midweek Assessment Check
Thursday	I am learning about macromolecules and monomers.	I can … • Outline hydrolysis and dehydration reactions	Throwback Thursday Do Now – MCQ & Justification writing Outline dipeptide hydrolysis reaction	Review carbohydrate and lipid reactions	Formative Check: monomer structures
Friday	I am learning about protein structure	I can • Model and describe primary, secondary, tertiary, and quaternary protein structure • Predict impacts to changes in amino acid sequences	FRQ Friday Do Now – FRQ answer construction and self-assessment	Protein folding/modeling protein structure lab	Lab Conclusion Writing

Literacy Tasks Minor Assessment Major Assessment