

## ARC Week at Glance: IB Biology Year 2 (Ms. West)

**Topic:** Unity and Diversity – Molecules (A1); Form and Function – Molecules (B1)

**Course:** IB Biology Year 2

**Grade:** 12

**Dates:** Aug 26 - 30

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

**This week's Homework Focus:** Kognity Topic B.2 & Guided Notes Sheet

	<b>Learning Target (I am learning about...)</b>	<b>Criteria for Success (I can...)</b>	<b>Activation/ Instruction</b>	<b>Collaboration/ Guided Practice</b>	<b>Independent Learning/ Assessment</b>
<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>					
<b>Monday</b>	I am learning about carbohydrate and lipid structure and function	I can ... <ul style="list-style-type: none"> <li>• Identify structures of carbohydrates and lipids</li> <li>• State functions of named carbohydrates</li> <li>• State functions named lipids</li> </ul>	Math Monday Do Now – Calculations Practice	Carbohydrate Inthinking IB practice sets	Carb and Lipid TODD
<b>Tuesday</b>	I am learning about carbohydrate and lipid structure and function	I can ... <ul style="list-style-type: none"> <li>• Answer reading guide questions about carbohydrates and lipids using Kognity</li> </ul>	Test Prep Tuesday Do Now – CER	<i>Relocated to media center due to picture day</i>  B1.1 & B.1.2 Reading Guides	B1.1 Turn and Talk Summaries

<b>Wednesday</b>	I am learning about protein structure	I can ... <ul style="list-style-type: none"> <li>• Draw an amino acid</li> <li>• Describe the 4 levels of protein structure</li> </ul>	WIS WIM Do Now – Summarizing Sentences and Question Writing  Amino acid drawings	Protein Folding Modeling mini lab (Review from year 1) and proteins and functions graphic organizers  Summarizing sentences of primary, secondary, tertiary, and quaternary protein structures & Peer Feedback	Midweek Assessment Check: Carbs, Lipids, Proteins
<b>Thursday</b>	I am learning about fibrous and globular proteins	I can ... <ul style="list-style-type: none"> <li>• Describe fibrous and globular proteins</li> <li>• Distinguish between fibrous and globular proteins</li> </ul>	Throwback Thursday Do Now – MCQ & Justification Writing	Proteins Gallery Walk & Graphic Organizer	My short answer FRQ Protein Practice Set to prepare for next week's Unit B1 Test
<b>Friday</b>	I am learning about designing my Internal Assessment	I can ... <ul style="list-style-type: none"> <li>• Conduct background research around my topic of choice and use my findings to construct a research question</li> <li>• Identify my dependent variable and independent variable</li> <li>• Identify control variables</li> </ul>	FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment	IA Research and Source Analysis  IA Research Question Construction & Variables Identification and Justification	IA Self-Assessment TOTD

Literacy Tasks

Minor Assessment

Major Assessment