

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

**Topic:** Structure and Function of Molecular Genetics

**Course:** Biology

**Grade:** 10

**Dates:** Dec 9 - 13

	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>	I am learning about cell division.	I can <ul style="list-style-type: none"> <li>Describe binary fission</li> <li>Distinguish between sexual and asexual reproduction</li> <li>Explain advantages of sexual vs asexual reproduction</li> </ul>	Math Monday Do Now – Calculations/Data Analysis Practice	Sexual vs Asexual Reproduction <b>Venn Diagrams</b>  Assign Unit 3A Dietary Analysis Projects & begin analyzing dietary components. Focus on <b>Background Information</b> and Analysis of Assigned Food Desert Region	TOTD: <b>Summarizing sentences</b> Sexual and Asexual Reproduction advantages  Onion Root Lab Final Measurements & <b>Conclusion Writing</b>
<b>Tuesday</b>	I am demonstrating understanding of Unit 3A content.	I can <ul style="list-style-type: none"> <li>Explain what a food desert is</li> <li>Explain what challenges someone living in a food desert might face</li> <li>Explain how lack of certain foods/nutrients could impact cells</li> <li>Design a PSA to provide awareness about food deserts and impacts</li> </ul>	Test Prep Tuesday Do Now – <b>CER writing</b>	3A Summative Tasks – Dietary Analysis of a food desert region and impacts on cells  Focus on <b>Cellular Impacts</b>	Self-Assessment Unit 3A Blooket Review Set

<p style="text-align: center;"><b>Wednesday</b></p>	<p>I am demonstrating understanding of Unit 3A content.</p>	<p>I can</p> <ul style="list-style-type: none"> <li>• Explain what a food desert is</li> <li>• Explain what challenges someone living in a food desert might face</li> <li>• Explain how lack of certain foods/nutrients could impact cells</li> <li>• Design a PSA to provide awareness about food deserts and impacts</li> </ul>	<p>WIS WIM Wednesday – summarizing information &amp; writing questions</p>	<p>3A Summative Tasks – Dietary Analysis of a food desert region and impacts on cells</p> <p>Focus on PSA component</p>	<p>Self-Assessment Unit 3A Gimkit Review Set</p>
<p style="text-align: center;"><b>Thursday</b></p>	<p>I am demonstrating mastery of Unit 3A</p>	<p>I can</p> <ul style="list-style-type: none"> <li>• Answer multiple choice questions to demonstrate mastery of Unit 3A – macromolecules, water, cells, organelles, membranes &amp; transport, and cell division (mitosis &amp; meiosis)</li> </ul>	<p>Throwback Thursday Do Now: Multiple Choice Question with Justification Writing</p>	<p>Continue working on 3A Summative Tasks – Dietary Analysis of a food desert region and impacts on cells after test is completed</p>	<p>Unit 3A Test</p>

<b>Friday</b>	I am demonstrating understanding of Unit 3A content.	I can <ul style="list-style-type: none"> <li>• Explain what a food desert is</li> <li>• Explain what challenges someone living in a food desert might face</li> <li>• Explain how lack of certain foods/nutrients could impact cells</li> <li>• Design a PSA to provide awareness about food deserts and impacts</li> </ul>	FRQ Friday Do Now: Free Response Question Answer Construction & Revision	Finish Unit 3A Summative Tasks           Semester Exam Study Guide Provided	Unit 3A Summative Tasks Due – Dietary Analysis of Food Desert and Impacts on Cells
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Literacy Tasks

Minor Assessment

Major Assessment