

Springdale Public Schools

PreAP Biology-Integrated Unit 1



Title of Unit	The Chemistry of Life	Grade Level	9
Subject	Accelerated Biology	Time Frame	
Developed By	SPS Science	Date Modified	03/19/2021

Identify Desired Results

Standards Covered in this Unit

(Evidence statements are LINKED from the standard number. Evidence statements assist in clarifying outcomes)

ABI-LS1-6 Construct and revise an explanation based on evidence for how carbon, hydrogen, and oxygen from sugar molecules may combine with other elements to form amino acids and/or other large carbon-based molecules. [AR Clarification Statement: Emphasis is on using evidence from models and simulations to support explanations for the formation of polymers from monomers including carbohydrates, lipids, nucleic acids and proteins (enzymes).]

ABI-ESS2-5 Plan and conduct an investigation of the properties of water and its effects on Earth materials and surface processes. [AR Clarification Statement: This PE is partially addressed in this course. Emphasis is on the properties of water including, heat capacity, density of water in its solid and liquid states, and polar nature of the water molecule and how these properties of water affect Earth materials for example: stream transportation and deposition, erosion, expansion of water as it freezes.]

Learning Outcomes for the Unit

What relevant goals will this unit address? These must come from the standards.

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Key Vocabulary for the Unit

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Enduring Understandings for the Unit (for discussion within science and across content areas)
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Essential Questions for the Unit
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Misunderstandings That Will Be Addressed
•
Content Literacy Skills for the Unit (Interpretation of data, experimental design, SEPs, CCs) [minimum list]
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Assessment Evidence
What type(s) of Common Formative Assessment (CFA) will be given?
What type of District Formative Assessment will be given?
Two of the CFAs will be collected for analysis of the unit process. They will be indicated below.

Overview of All Choices of Lessons for Unit This is not a lesson plan!.			
Standard(s)	Formative Assessment(s)	Main Instructional Strategy	Activity/Activities

#	(Indicate which is the CFA)		
ABI-LS1-6			
ABI-ESS2-5			

Common Resources	
Title and Description of Usage	Location
This is an option for a lab notebook that is virtual.	Blank Digital Lab Notebook
This is a lesson plan template that pairs with the Unit plan. It allows for easy information transfer.	Lesson Plan Template