


# UNIT AT A GLANCE

Enduring Understanding	Topic	Suggested Skill	Class Periods
			~11–13 CLASS PERIODS
SYI-1	<b>2.1 Cell Structure: Subcellular Components</b>	<b>1.A</b> Describe biological concepts and/or processes.	
	<b>2.2 Cell Structure and Function</b>	<b>6.A</b> Make a scientific claim.	
ENE-1	<b>2.3 Cell Size</b>	<b>2.D.a</b> Represent relationships within biological models, including mathematical models. <b>5.A.d</b> Perform mathematical calculations, including ratios.	
	<b>2.4 Plasma Membranes</b>	<b>2.A</b> Describe characteristics of a biological concept, process, or model represented visually.	
ENE-2	<b>2.5 Membrane Permeability</b>	<b>3.D</b> Make observations or collect data from representations of laboratory setups or results. <b>5.D.b</b> Use data to evaluate a hypothesis (or prediction), including supporting or refuting the alternative hypothesis.	
	<b>2.6 Membrane Transport</b>	<b>3.E.b</b> Propose a new/next investigation based on an evaluation of the design/methods.	
	<b>2.7 Facilitated Diffusion</b>	<b>6.E.b</b> Predict the causes or effects of a change in, or disruption to, one or more components in a biological system based on a visual representation of a biological concept, process, or model.	
	<b>2.8 Tonicity and Osmoregulation</b>	<b>4.A</b> Construct a graph, plot, or chart.	
	<b>2.9 Mechanisms of Transport</b>	<b>1.B</b> Explain biological concepts and/or processes.	
	<b>2.10 Cell Compartmentalization</b>	<b>6.E.a</b> Predict the causes or effects of a change in, or disruption to, one or more components in a biological system based on a biological concepts or processes.	
EVO-1	<b>2.11 Origins of Cell Compartmentalization</b>	<b>6.B</b> Support a claim with evidence from biological principles, concepts, processes, and/or data.	
 Go to <a href="#">AP Classroom</a> to assign the <b>Personal Progress Check</b> for Unit 2. Review the results in class to identify and address any student misunderstandings.			