


UNIT AT A GLANCE

Enduring Understanding	Topic	Suggested Skill	Class Periods
			~18–21 CLASS PERIODS
IST-1	6.1 DNA and RNA Structure	1.C Explain biological concepts, processes, and/or models in applied contexts.	
	6.2 Replication	2.B.b Explain relationships between different characteristics of biological concepts, processes, or models represented visually in applied contexts.	
	6.3 Transcription and RNA Processing	2.B.b Explain relationships between different characteristics of biological concepts, processes, or models represented visually in applied contexts.	
	6.4 Translation	2.D.b Represent relationships within biological models, including diagrams. 6.E.a Predict the causes or effects of a change in, or disruption to, one or more components in a biological system based on biological concepts.	
IST-2	6.5 Regulation of Gene Expression	6.A Make a scientific claim.	
	6.6 Gene Expression and Cell Specialization	6.B Support a claim with evidence from biological principles, concepts, processes, and/or data.	
IST-2, IST-4	6.7 Mutations	2.C Explain how biological concepts or processes represented visually relate to larger biological principles, concepts, processes, or theories. 3.D Make observations or collect data from representations of laboratory setups or results.	
IST-1	6.8 Biotechnology	6.D Explain the relationship between experimental results and larger biological concepts, processes, or theories.	
 Go to AP Classroom to assign the Personal Progress Check for Unit 6. Review the results in class to identify and address any student misunderstandings.			