

UNIT AT A GLANCE

Enduring Understanding	Topic	Suggested Skills	Class Periods
			~10–12 CLASS PERIODS
VAR-2	7.1 Introduction to ArrayList	1.B Determine code that would be used to complete code segments. 3.D Write program code to create, traverse, and manipulate elements in 1D array or ArrayList objects.	
	7.2 ArrayList Methods	2.C Determine the result or output based on the statement execution order in a code segment containing method calls. 3.D Write program code to create, traverse, and manipulate elements in 1D array or ArrayList objects.	
	7.3 Traversing ArrayLists	2.C Determine the result or output based on the statement execution order in a code segment containing method calls. 3.D Write program code to create, traverse, and manipulate elements in 1D array or ArrayList objects.	
CON-2	7.4 Developing Algorithms Using ArrayLists	3.D Write program code to create, traverse, and manipulate elements in 1D array or ArrayList objects. 4.A Use test-cases to find errors or validate results.	
	7.5 Searching	3.D Write program code to create, traverse, and manipulate elements in 1D array or ArrayList objects. 5.C Explain how the result of program code changes, given a change to the initial code.	
	7.6 Sorting	2.D Determine the number of times a code segment will execute.	
IOC-1	7.7 Ethical Issues Around Data Collection	Curricular requirement, not assessed on the AP Exam	
 Go to AP Classroom to assign the Personal Progress Check for Unit 7. Review the results in class to identify and address any student misunderstandings.			