

## Westside High School Lesson Plan

Teacher Name:	Andre King	Unit Name and #:	Arrays
Course:	PreAP Computer Science II	dates:	02/21 - 02/24

<b>Monday</b>	<p><b><u>What are we learning?</u></b></p> <p>Daily Objective:</p> <p>To describe why arrays are necessary in programming</p> <p>To declare array references and to create arrays</p> <p>To obtain the size of an array</p> <p>To access array elements using indexes</p>
	<p><b><u>How will we learn it?</u></b></p> <p>Learning Activities:</p> <ol style="list-style-type: none"> <li>1. Powerpoint Presentations</li> <li>2. Independent Practice: checkpoint exercises</li> <li>3. Independent Practice: MPL exercises</li> </ol>
	<p><b><u>How will we tell if we're learning it correctly?</u></b></p> <p>Assessment Methods:</p> <p>Checks for Understanding: Checkpoint Questions</p>
	<p><b><u>Critical Writing / Small Group Discussion Questions</u></b></p> <p>Summarize problem statement</p> <p>Describe learning objective</p> <p>Appropriately placed comments</p>
	<p><b><u>What do I need to before next class?</u></b></p> <p>Follow Up/HW : <b>Read chapter 7, checkpoint questions</b></p>
<b>Tuesday</b>	<p><b><u>What are we learning?</u></b></p> <p>Daily Objective:</p> <p>To declare, create and initialize an array using an initializer</p> <p>To program common array operations</p> <p>To simplify programming using the for each loop</p>
	<p><b><u>How will we learn it?</u></b></p> <p>Learning Activities:</p> <ol style="list-style-type: none"> <li>4. Powerpoint Presentations</li> <li>5. Independent Practice:</li> </ol>
	<p><b><u>How will we tell if we're learning it correctly?</u></b></p> <p>Assessment Methods: feedback from teacher</p> <p style="text-align: center;">Quiz/Exam /exercises/projects /MPL</p> <p>Checks for Understanding: Checkpoint Questions</p>

	<u><b>Critical Writing / Small Group Discussion Questions</b></u> Summarize problem statement Appropriately placed comments
	<u><b>What do I need to before next class?</b></u> Follow Up/HW: <b>Read Chapter 7, checkpoint questions</b>
Wed/Thur	<u><b>What are we learning</b></u> Daily Objective: To copy contents from one array to another To develop and invoke methods with array arguments and return values
	<u><b>How will we learn it?</b></u> Learning Activities: 6. Powerpoint Presentations 7. Independent Practice: My Programming Lab exercises 8. Independent Practice: ebook Programming Projects
	<u><b>How will we tell if we're learning it correctly?</b></u> Assessment Methods: EXAM Checks for Understanding: Class Discussion and checkpoint Questions
	<u><b>Critical Writing / Small Group Discussion Questions</b></u> Summarize problem statement Appropriately placed comments
	<u><b>What do I need to before next class?</b></u> Follow Up/HW:
	<b>Read Chapter 7 Arrays</b>
Friday	<u><b>What are we learning?</b></u> Daily Objective: To use the methods in the java.util.Arrays class
	<u><b>How will we learn it?</b></u> Learning Activities: 9. Powerpoint Presentations 10. Independent Practice: My Programming Lab exercises 11. Independent Practice: ebook Programming Projects
	<u><b>How will we tell if we're learning it correctly?</b></u> Assessment Methods: feedback from teacher Quiz/Exam Checks for Understanding: Checkpoint Questions
	<u><b>Critical Writing / Small Group Discussion Questions</b></u> Summarize problem statement Appropriately placed comments
	<u><b>What do I need to before next class?</b></u> Follow Up/HW: <b>Read chapter 7</b>