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| *Teacher:* M. Montero | *Subject Area:* Computer Programming II | *Room No.:* C218 |
| *Lesson Title:* Java: Chapter 8 Arrays |
| *Lesson Date:* Feb 9, 2015  | *Meeting Time/Period:* 4nd, 6th, 8th  | *Grade Levels:* 10-12 |
| *Materials/Resources:*Notebook, Computer, Internet, Flash-drive, PowerPoint, texas1.compuscholar.com |
| *What is the lesson objective?*Students will be able to …* Using loops with an array (6 period)
* Search an array and use parallel arrays
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| *Standards addressed and expectations of students:*130.277. C.8 The student codes a computer application. The student is expected to: (A) apply programming language concepts; (C) articulate the concept of data representation;*Anticipatory Set:* What is a simpler way of adding an array than sum = a[0]+a[1]+a[2]+a[3]+a[4] ….. |
| *Teaching/Instructional Process:** Independent Practice
* Facilitator
* Mini-quiz
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| *Guided Practice and Monitoring:*Searching an array and parallel array (FindPrice) 6thBubble sort Demo |
| *Independent Practice:*• Chapter 8 exercise 1 Online Textbook( 6th Period)• CompuScholar• Chapter 8 exercise 4 Online Textbook (continue)***Extension Activity:***Create a Personal Dictionary with new words***Review/Reteach:***Review concepts learned *Closure:* Exit Ticket summary |