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| *Teacher:*  M. Montero | *Subject Area:*  Computer Programming II | *Room No.:*  C218 |
| *Lesson Title:*  Java: Chapter 7 Characters, Strings, and the StringBuilder | | |
| *Lesson Date:*  Jan 22, 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 …   * Convert String Objects to Numbers * Use the StringBuilder and StringBuffer classes. | | |
| *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 the difference between an ‘empty’ String and a ‘null’ String? | | |
| *Teaching/Instructional Process:*   * Independent Practice * Facilitator * Mini-quiz | | |
| *Guided Practice and Monitoring:*  converting String Objects to Numbers  examples of StringBuilder and StringBuffer classes | | |
| *Independent Practice:*  texas1.compuscholar Ch 5 Ls 2 quiz  Exercise 7 – 1 “Baby Name Combination” (6th Period)  Exercise 7- 2 “ Count Spaces”(6th Period)  texas1.compuscholar Ch 5 Ls 3  Exercise 7-6 “ Alphabetize.java”, “Alphabetize2.java”  ***Extension Activity:***  Create a Personal Dictionary with new words  ***Review/Reteach:***  Review concepts learned  *Closure:* Exit Ticket summary | | |