**Advanced Programming**

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NAME: Mrs. Montero DATE: Mar 9 – Mar 13, 2015

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| **DAY** | **OBJECTIVE** | **ACTIVITIES** | **STRATEGIES** | **RESOURCES** |
| Monday  Adv Programming | 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  Students will be able to design a software application plan   * Understand Swing components * Use the JFrame, JLabel class * Use a layout manager * Exntend the JFrame class | **Do Now**  Five questions.  **Direct Instruction**  JFrame1 –Jframe6  **Independent Practice**   * Chapter 14 exercise 1 * Review questions   **Re-teach/Wrap-up/Homework**  Review concepts learned | Guided Practice  Independent Practice  Hands On  Peer Tutoring  Small Group Teamwork | Handouts  PowerPoint presentation  Textbook |
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| Wednesday  Adv Programming | 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  Students will be able to design a software application plan   * Understand Swing components * Use the JFrame, JLabel class * Use a layout manager * Exntend the JFrame class | **Do Now**  Five questions  **Direct Instruction**  JFrame1 – Jframe 6  **Independent Practice**   * Chapter 14 exercise 1 * Review questions   **Re-teach/Wrap-up/Homework**  Review concepts learned | Guided Practice  Independent Practice  Hands On  Peer Tutoring  Small Group Teamwork | Handouts  PowerPoint presentation  Textbook |
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| Friday  Adv Programming | 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  Students will be able to design a software application plan   * Use a layout manager * Exntend the JFrame class * Add JTextFields,JButtons, and tool tips to a JFrame | **Do Now**  Five questions  **Direct Instruction**  JFrame Extends  **Independent Practice**   * Chapter 14 Exercise 2 * Review questions   **Re-teach/Wrap-up/Homework**  Review concepts learned | Guided Practice  Independent Practice  Hands On  Peer Tutoring  Small Group Teamwork | Handouts  PowerPoint presentation  Textbook |