**Computer Programming**



NAME: Adv Programming DATE: Feb 16 – Feb 20, 2015

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| **DAY** | **OBJECTIVE** | **ACTIVITIES** | **STRATEGIES** | **RESOURCES** |
| MONDAY |  |  |  |  |
| TUESDAYAdv 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 representationStudents will be able to design a software application plan* Students will be able to …
* Using loops with an array (6 period)
* Search an array and use parallel arrays

Sort Array elements using the bubble sort algorithm  | **Do Now**Explain how sorting is done using bubble sort?**Direct Instruction**Bubble sort Demo (cont’d)**Independent Practice** * worksheet Chapter 9
* Chapter 9 exercise 1 online textbook
* Chapter 9 exercise 2Mean median online textbook

**Re-teach/Wrap-up/Homework** Review concepts learned | Guided PracticeIndependent PracticeHands OnPeer TutoringSmall Group Teamwork | HandoutsPowerPoint |
| WEDNESDAY |  |  |  |  |
| THURSDAYAdv 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 representationStudents will be able to design a software application plan* Students will be able to …
* Search an array and use parallel arrays

Sort Array elements using the bubble sort algorithm  | **Do Now**When you use a bubble sort to perform an ascending sort, after the first pass through an array the largest value’s location is found \_\_\_\_\_\_\_\_\_ and the smallest value is located \_\_\_\_\_\_\_\_\_\_\_\_\_**Direct Instruction*** Insertion Sort Array

**Independent Practice** * Complete Chapter 9 exercise 2

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