**Computer Programming**



NAME: Programming DATE: Feb 9 – Feb 13, 2013

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| --- | --- | --- | --- | --- |
| **DAY** | **OBJECTIVE** | **ACTIVITIES** | **STRATEGIES** | **RESOURCES** |
| MONDAYAdv 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**What is a simpler way of adding an array than sum = a[0]+a[1]+a[2]+a[3]+a[4] …..**Direct Instruction**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)

**Re-teach/Wrap-up/Homework** Review concepts learned | Guided PracticeIndependent PracticeHands OnPeer TutoringSmall Group Teamwork | HandoutsPowerPointOnline Textbook |
| TUESDAYComputer Programming |  |  |  |  |
| WEDNESDAYAdv 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**What is the difference between parallel array and bubble sort array**Direct Instruction**Bubble sort Demo (cont’d)**Independent Practice** * Chapter 8 exercise 4 Online Textbook (continue)
* Chapter 9 exercise 2Mean median online textbook

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| THURSDAYComputer Programming |  |  |  |  |
| FRIDAYAdv Programming | Students can and will be able to design a software application plan* Get numeric and character data from the keyboard
* Display information on the computer screen
* Write arithmetic expressions
 | **Do Now**What is the difference between parallel array and bubble sort array**Direct Instruction**Bubble sort Demo (cont’d)**Independent Practice** * worksheet Chapter 9
* Chapter 8 exercise 4 Online Textbook (continue)
* Chapter 9 exercise 2Mean median online textbook

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