

| List of Items: | Possible Points | Points Earned |
|---|-------------------------------|----------------------|
| 1. Completed GridWorld Case Study Part 1. | Set 1(1-10) 30 | _____ |
| | (Do You Know?) | |
| | Ex(1-4) 20 | _____ |
| 2. Completed Logic2 methods in CodingBat. | | |
| | (makeBricks-makeChocolate) 45 | _____ |
| 3. Vocabulary Words. | 105 | _____ |
| 4. MC Questions | Chap1 (Q1-15) 60 | _____ |
| | Chap3 (Q1-12) 48 | _____ |
| 5. Signed document. | 12 | _____ |
| | Total: 320 | Earned: _____ |

AP Java Vocabulary

| | |
|---|--|
| API (Application Programming Interface) | |
| auto-boxing | |
| bit | |
| byte | |
| compile-time error | |
| CPU(Central Processing Unit) | |
| early binding | |
| garbage collection | |
| GUI(Graphic User Interface) | |
| HTML(Hypertext Machine Language) | |
| IDE(Integrated Development Environment) | |

| | |
|--------------------------------|--|
| interface | |
| jar file | |
| JVM(Java Virtual Machine) | |
| precondition | |
| postcondition | |
| RAM(Random Access Memory) | |
| run-time error | |
| Turing machine | |
| UML(Unified Modeling Language) | |
| URL(Uniform Resource Locator) | |

Multiple Choice Questions Chapter 1

| Question | Choice | Reason |
|-----------------|---------------|---------------|
| #01 | | |
| #02 | | |
| #03 | | |
| #04 | | |
| #05 | | |

Multiple Choice Questions Chapter 1

| Question | Choice | Reason |
|-----------------|---------------|---------------|
| #06 | | |
| #07 | | |
| #08 | | |
| #09 | | |
| #10 | | |

Multiple Choice Questions Chapter 1

| Question | Choice | Reason |
|-----------------|---------------|---------------|
| #11 | | |
| #12 | | |
| #13 | | |
| #14 | | |
| #15 | | |

AP Java

Name:

Multiple Choice Questions Chapter 3

| | | |
|------------|--|--|
| #01 | | |
| #02 | | |
| #03 | | |
| #04 | | |
| #05 | | |
| #06 | | |

Multiple Choice Questions Chapter 3

| | | |
|------------|--|--|
| #07 | | |
| #08 | | |
| #09 | | |
| #10 | | |
| #11 | | |
| #12 | | |

URLs for all materials are provided.

1. **Register with AP Central if you have not done so already.**
<http://apcentral.collegeboard.com/apc/public/courses/index.html>
2. **Select AP Courses and Exams – Course Home Pages – Computer Science A or**
http://apcentral.collegeboard.com/apc/public/courses/teachers_corner/4483.html
3. **GridWorld Case Study/Reading.** You will need to download the **GridWorld Case Study**. Refer back to the AP Central CS A link. Under **Exam Information and Resources**, choose **GridWorld Case Study 2008 AP Computer Science Exams**. Unzip the **Code**.
http://apcentral.collegeboard.com/apc/public/courses/teachers_corner/151155.html
4. To use Gridworld, you need to download an IDE such as **BlueJ**. Refer to the Installation document in your packet, or under **Support Material for GridWorld**, select **Installation Guide**. We will be using BlueJ 3.0, but feel free to use any other IDE such as JCreator, Eclipse etc.

The AP Computer Science Course Description can be found at–
<http://www.rutherfordschools.org/boardofed/curriculum/index.html>

List of Items Due on the First Day of School

1. This document read and signed by both the student and the parent/guardian.
2. GridWorld Case Study Part 1. This should be read and completed.
3. The Multiple Choice Questions completed on worksheets provided. Be sure to explain/show your reason for your choice
4. Vocabulary completed.
5. The HelloWorld class below entered into either BlueJ or your IDE. Take a screen shot for proof.

```
// HelloWorld.java

public class HelloWorld
{
    public static void main (String args [])
    {
        System.out.println ("Hello, World. This Program works!");
    }
}
```

Make sure you type this program exactly as shown or it may not work. Be sure to capitalize the letters where I have them. After compiling and running this program from the command prompt, you will create another similar program changing the name of the program and changing the output. Compile and run this program from your Java IDE. If you have any problems compiling or running your program, email me at mnas@rutherfordschools.org.

Student Name and Signature

Parent Signature