AP Computer Science Java 2016-2017
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https://MrsDonaldsonClasses.wordpress.com
Resources: CodeHS, Udacity, Coding Bat, A+ Java Curriculum

Welcome to AP Computer Science! We are going to have a great year.

The purpose of this course is to learn the AP Standards laid out by the College Board. The AP Computer Programming language is JAVA. M-A uses the BlueJ development environment. Please download the free BlueJ software on your home computer so you can work on assignments: http://www.bluej.org/ We will start by learning JavaScript, a good introudctory language, with the help of Khan Academy. We'll finish after the AP by letting you choose a new language to learn - Python, HTML, or AppInventor for examples.

Every student is expected to take the AP exam in the spring. M-A doesn't use a textbook - our curriculum is online - so I strongly recommend that you buy Barron's *AP Computer Science A* test prep workbook, 7th edition. We will use this as a class resource.

Mistakes are encouraged! Programs can always be fixed - don't be afraid to try. You are encouraged to ask for help. You can ask me or one of your classmates or anyone you know with Computer Science knowledge. However, be careful to remember the difference between helping and cheating. Asking someone to clarify a concept or to help you find a mistake in your code is not cheating. Copying someone else's work is not allowed, and will force me to follow the procedures outlined by the Sequoia District honor code. More importantly, if you don't learn the ideas yourself, you will not be able to pass my exams or the AP exam.

Our learning will happen through lectures, worksheets, and programming labs. It's important to complete every piece of this learning process. This is a rigorous course - it's important to stay on top of ideas as they come. If you feel that you are getting behind, please talk to me and I'll be happy to help however I can.

To protect the computers, we cannot have food, drink, or gum in the lab. You can get your water bottle out of your backpack and move away from the computers if you need some water.

Grading Scale:	**Categories:**	
89.5 - 100 = A	Tests:	30%
79.5 - 89.4 = B	Quizzes:	20%
69.5 - 79.4 = C	Homework/Classwork:	30%
59.5 - 69.4 = D	Participation:	5%

Below 59.5 = F   Final: 15%