

Computer Science Principles Trials and Tribulations (and Rewards!) Resource Handout

Below are some of the resources I used (or looked at using) while teaching CSP for the first time. Please feel free to contact me with questions: dpadgett@fannin.k12.ga.us

Link	Notes
https://scratch.mit.edu/	Drag and drop programming
http://scratched.gse.harvard.edu/guide/	GREAT FREE PDF booklet for Student and Teacher
http://scratch.ie/	Self-paced Scratch tutorials but I liked the PDF books better
www.stencyl.com	FREE drag-and-drop programming tool... but a little bit harder (and more interesting to older students) than Scratch.
http://www.bitsbook.com/	Free PDF e-book Great for CyberSecurity! My goal was to cover a chapter every Friday. It's very interesting! Brings up some good class discussion. I hope to use it more next year!
http://codeinthebrowser.org/	Good information
http://www.codewars.com/	Not had time to play with this one yet! But looks very interesting!
http://www.codecademy.com	GREAT FREE Resource! LOVE this one for all sorts of programming! Has a Teacher tool! Used for Python.
http://code.org/	
http://introcomputing.org/	
http://lightbot.com/hocflash.html	Good intro to programming.
https://www.khanacademy.org/computing/computer-programming	
http://learnpythonthehardway.org/	GREAT! Python resource!
http://hourofcode.com/us	Great intro to coding! Let students get their "feet wet" and be able to select what they want to try.
http://codecombat.com/	Fun way to learn coding... I have one student in IDT that "plays" this all the time!
https://education.skype.com/	GREAT way to have "guest speakers" that you might normally be able to have!
http://www.missblomeyer.com/	Great Scratch Assignments