

Bergman BLOG site	www.innovativeteacher.org
CODE.ORG Hour of Code	https://code.org/learn
Section 2	
School District Success	www.youtube.com/watch?v=POiMh0qISpl
SCRIPT planning tool	http://advocate.csteachers.org/2017/11/08/use-the-script-to-develop-your-districts-own-csforall-plans/
CODE.ORG workshop research	https://code.org/files/PL-Program-for-Me.pdf
CODE.ORG workshop signup	https://code.org/educate/professional-learning
Microsoft Physical computing class w/Micro:bit	https://education.microsoft.com/courses-and-resources/courses/physical-computing-and-its-role-in-education
Microsoft Minecraft class	https://education.microsoft.com/courses-and-resources/courses/unleashing-creativity-with-makecode-and-minecraft
Collegeboard workshops	http://eventreg.collegeboard.org/calendar-ap
Maria Litvin APCS book/class	http://www.skylit.com/courses.html
TEALS program with Microsoft	tealsk12.org/schools
Computer Science for ALL initiative	https://obamawhitehouse.archives.gov/blog/2016/01/30/computer-science-all
CSTA - Computer Science Teachers Association	http://www.csteachers.org/
CSTA annual conference	http://www.csteachers.org/page/2018Conference
SIGCSE - Special Interest Group for Computer Science Education	http://sigcse.org/sigcse/
SIGCSE annual conference	http://sigcse.org/sigcse/events/symposia
beanz magazine	www.kidscodecs.com
CSTA Weekly digest: Computer Science Today	http://multibriefs.com/optin.php?CSTAORG
CSTA quarterly newsletter: The Voice	https://www.csteachers.org/general/custom.asp?page=CSTAVoice
AP Discussion Board on Collegeboard	https://apcommunity.collegeboard.org/group/apcompsci/discussion-boards
List of CS publications	http://sigcse.org/sigcse/resources/publish
CS Facebook Groups	
AP CS	https://www.facebook.com/groups/APComputerScienceTeachers/
AP Principles	https://www.facebook.com/groups/1029824640390220
CS Education Discussion	https://www.facebook.com/groups/CSEdForum
CS Education and Research	https://www.facebook.com/groups/1546763215587966
Computer Science Educators	https://www.facebook.com/groups/cptrscied
Computer Science Teachers Association	https://www.facebook.com/groups/FollowCSTA
College Board AP Community	https://apcommunity.collegeboard.org
Technologies	
free robot simulators	http://www.robotbasic.org/
robot classroom kits	http://www.robotvirtualworlds.com/
VidCode special effects CS curriculum	www.vidcode.com

Microsoft MAKECODE physical computing (<https://makecode.com/>)

Web-Based Tools

App Lab: <https://code.org/educate/applab>
Hour of Code: <https://code.org/learn>
Scratch: <https://scratch.mit.edu/>
Tynker: <https://www.tynker.com>
Code Monster & Code Maven : <http://www.crunchzilla.com>
Programmr: <http://www.programmr.com>
Game Lab: (COD.ORG) <https://code.org/gamela>
AppInventor: <http://appinventor.mit.edu/explore>

Downloaded programs

Alice 3D <https://www.alice.org/>
Gamedeveloper class <http://www.gameprogrammingcourse.com/>

<https://inventwithpython.com/pygame/>
Python Pygame books <http://programarcadegames.com/>
Python Pygame books <http://www.pythonforbeginners.com/games/>
Python games tutorials <https://www.youtube.com/watch?v=ujOTNg17Ljl>
Python youtube tutorials

Free language editors

Tutorials point <http://www.tutorialspoint.com/codingground.htm>
CodeChef <https://www.codechef.com/ide>

Curriculum

CSTA standards <https://www.csteachers.org/general/custom.asp?page=standards>
ISTE standards <https://www.iste.org/standards/for-computer-science-educators>
Elementary School MICROSOFT curriculum <https://education.microsoft.com/courses-and-resources/resources/hands-on-computing-with-microsoft-makecode>
Elementary School CODE.ORG curriculum <https://code.org/educate/curriculum/elementary-school>
Middle School CODE.ORG Discoveries curriculum <https://studio.code.org/courses?view=teacher>
Middle School Microsoft Small Basic <https://social.technet.microsoft.com/wiki/contents/articles/16299-small-basic-curriculum.aspx>
Middle School Microsoft Microbit <https://makecode.microbit.org/courses/csintr>
Middle School Microsoft Microbit Science Experiment <https://makecode.microbit.org/courses/ucp-science>
Middle School CODE.ORG Fundamentals curriculum <https://studio.code.org/courses?view=teacher>
Middle School Bootup <https://bootuppd.org/curriculum/>
Middle School Tynker <https://www.tynker.com/school/courses/show?id=80-programming-300>
High School Microsoft Microbit <https://makecode.microbit.org/courses/ucp-science>

High school AP approved syllabi	https://apcentral.collegeboard.org/courses/ap-computer-science-principles/course
High school AP approved proviers	https://en.wikipedia.org/wiki/AP_Computer_Science_Principles
High School CODE.ORG Principles	https://studio.code.org/courses/csp
High School Harvard CS50	https://docs.cs50.net/2016/ap/resources/teaching/teaching.html
High School Bueaty and Joy of Computing	http://bjc.edc.org/
High School Edhesive Principles	https://edhesive.com/courses/apcs_principles
High School MakeSchool AP Principles - SWIFT for iO	https://www.makeschool.com/online-courses/swift-computer-science-principles
AP textbooks	https://cb.collegeboard.org/ap-course-audit/courses/computer_science_textbook_list.html
AP Java online book - Barbara Ericson	https://runestone.academy/runestone/static/JavaReview/index.html
AP sample syllabus	http://media.collegeboard.com/digitalServices/pdf/ap/ap-course-audit/ap-computer-science-syllabus-1-id-1172785v1.r
Off the Shelf Curriculum FREE	
CodeHS AP	https://codehs.com/info/curriculum/apjava
NICERC	https://nicerc.org/curricula/computer-science/
CS180@Purdue	https://www.edx.org/course/ap-computer-science-java-programming-purdue-cs180-3x-0
Java	http://programmedlessons.org/java5/index.html
Paid Curriculum	
A+ Computer Science A	https://www.apluscompsci.com/material.htm
IMACS	https://www.eimacs.com/educ_apcsoverview.htm
AP Skills video series	https://www.youtube.com/playlist?list=PLmppyPywZ443PFI8YF3ZMmocRfxXckdH
CS inspirational video series	https://code.org/educate/resources/videos
CSFORALL resources	https://www.csforall.org/members/
Web Lab from Code.org	https://code.org/weblab
IOS Swift AP Principles	https://www.makeschool.com/online-courses/swift-computer-science-principles
CODEHS Mobile development curriculum	https://codehs.com/info/features/mobile_apps
Section 3	
CS BLOGGERS	
Edutopia	https://www.edutopia.org/
Mark Guzdial	http://computinged.wordpress.com
Garth Flint	http://gflint.wordpress.com/
Mike Zamansky	http://cestlaz.github.com/

Doug Bergman	http://innovativeteacher.org/
Alfred Thompson	http://blog.acthompson.net
Vicki Davis	http://www.coolcatteacher.com/
Jim Pike, Code Rev	https://www.coderevkids.com/blog/
Unplugged CS	http://csunplugged.org/teachers/
Laura Blankenship	http://www.geekymomblog.com/
Miles Berry	http://milesberry.net/
Dawn DuPriest	https://codinginmathclass.wordpress.com/
Steve Isaacs	http://gamesandlearning1.blogspot.com/
Alan O'Donohoe	https://teachcomputing.wordpress.com/
CSTA	http://advocate.csteachers.org/
Jill Westerland	http://www.abstractingcs.com/abstractingcs-blog/
Rasmussen College School of Technology Section 4	http://www.rasmussen.edu/degrees/technology/blog/
ACSL American Computer Science League	http://www.acsl.org/
Lockheed-Martin CodeQuest	https://www.lockheedmartin.com/us/who-we-are/community/codequest.html
NASA robotic events	https://robotics.nasa.gov/events/competitions.php
Rebecca Kahn and Tim Cook interview	www.aspirations.org/blog/innovator-innovator-apple-ceo-tim-cook-interviewed-high-school-senior-rebecca-kahn
Microsoft AI Cognitive services	https://azure.microsoft.com/en-us/services/cognitive-services/