

Technology Education Resources				
Program	URL	Timeline	Primary Organization	Target Audience
Local Resources/Events				
Cerner Programs for High School Students	http://www.cerner.com/about_cerner/careers/students/high_school/talent_development/Partnerships/	School year	Cerner	High School
Code Day	https://codelday.org/kansascity	Nov 12-13 2017		Everyone
Coder Dojo	http://coderdoiokc.com/	2nd Saturdays	KCWIT/Google	Elem, Middle, High School
FIRST Robotics (Jr FLL, FLL, FTC, FRC)	http://www.kcfirst.org/	School Year	KC FIRST/KC STEM Alliance	Elem, Middle, High School
Girls Who Code Club	http://www.jccc.edu/community-resources/youth-programs/girls-who-code-club.html	School Year	Johnson County CC	Middle, High School
Google Code Jam 2016	https://code.google.com/codejam	Registration in March	Google	High School, Adults
Google Fiber App Camps	http://sce.umkc.edu/connections/summer-programs/index.cfm	Summer	UMKC/Google	Middle, High School
Google Summer of Code 2016	https://developers.google.com/open-source/gsoc/	Application Due March	Google	> 18 years old
Hammerspace Hobby	http://www.hammerspacehobby.com/	Year Round	Community Hackerspace Workshops	Everyone
KC Power Source App Camps	http://kcpowersource.com/appcamp/	Summer	KC PowerSource /Cerner /Sprint	Middle, High School
Maker Space	http://www.sciencecity.com	Year Round	Science City	Everyone
MakerFaire	http://www.makerfairekc.com/	Summer	Kauffman Foundation	Everyone
Media Digital Labs	http://www.kcdml.org/	Summer	KC Public Library	Middle, High School
Science City Summer Camps	http://www.unionstation.org/sciencecity/summercamp	Summer	Science City	Elem, Middle School
Cyber Camp	http://sta.lsr7.org/	Summer	Summit Tech Academy	Middle, High School
Tech Talks	http://kcwomenintech.org/	Year Round	KCWIT	Everyone
Competitions				
American Computer Science League	http://www.acsl.org/	December	ACSL	Middle, High School
Challenge Post Online Competitions	http://devpost.com/hackathons	Year Round	Challenge Post	Middle, High School
National High School Cyber Defense Competition	http://www.uscyberpatriot.org/Pages/default.aspx	February	Air Force Association	High School
Google Code-in	http://www.google-melange.com/qci/homepage/google/qci2013	November - January	Google	High School
IEEEExtreme	http://www.ieee.org/membership_services/membership/students/competitions/xtreme/index.html	October	IEEE	Post-secondary students
K-State Programming Competition	http://www.cis.ksu.edu/hspc	November	K State	High School
Skills USA (Kansas & Missouri)	http://www.skillsusa.org/students/states.shtml	Year Round	Skills USA	High School
Technology Student Association	http://www.tsaweb.org/High-School-Competitions	Year Round	TSA	High School
USA Computing Olympiad	http://usaco.org/	November	USA Computing	High School
Local Organizations		Description		
Black Family Technology Awareness Association of KC	http://www.bftaa.org/new/	Closing the digital divide by helping bridge the gap between our nation's black families and technology.		
KC Start Up Village	http://www.kcstartupvillage.org/	An entrepreneur-led, grassroots initiative to bolster the KC entrepreneur and startup ecosystem. The mission is to create a concentrated and collaborative community of startups centered around the first Google Fiber "fiberhood" in the world.		
KC STEM Alliance	http://www.kcstem.org/	A collaborative network of educators, business partners and affiliates that inspires interest in Science, Technology, Engineering and Math careers to generate a robust force of related professionals for our community.		

KCnext	http://www.kcnext.com/index.php/about-kcnext/	Promoting the region's tech sector, supporting its members and galvanizing the tech industry by leading activity driven by the objectives to recruit and build employment, amplify region's assets as well as educate and network with all stakeholders
KC Public Library	http://www.kclibrary.org/	The Kansas City Public Library system consists of a central library, nine branches, and an outreach services program, including the development of a digital media lab experience for adolescent patrons.
KCWIT	http://kcwomenintech.org/	KCWIT's mission is to inspire young girls to join the technology field and help shape career opportunities through educational workshops, mentoring and maintaining a network for professional women in technology career paths in the Kansas City area
Science City	http://www.sciencecity.com/	Science City provides over 200,000 visitors annually with an engaging environment ripe for exploration, experimentation and discovery.
KC Digital Drive	http://www.kcdigitaldrive.org/	KC Digital Drive is a community-driven, regional effort to establish Kansas City as a global leader in digital innovation. KC Digital Drive is charged with the implementation and stewardship of Playing to Win in America's Digital Crossroads, the digital playbook produced by the Mayor's Bistate Innovations Team.
Online Resources	URL	Description
Black Girls Code	http://www.blackgirlscode.com/	To increase the number of women of color in the digital space by empowering girls of color ages 7 to 17 to become innovators in STEM fields, leaders in their communities, and builders of their own futures through exposure to computer science and technology.
Blacks in Technology	https://www.blacksintechology.net/	Increasing the visibility of black technologists and engineers everywhere.
Code Academy	http://www.codecademy.com/	Codecademy is an online start-up aimed at teaching people how to program for free.
Code for America	http://codeforamerica.org/	Also known as the "Peace Corps for geeks," Code for America places fellows in 10 cities each year, where they work on open-source projects, civic hacking, citizen collaboration and more.
Dot Diva	http://dotdiva.org/whatis.html	Online resource tool to inspire teen girls to consider computing as a career.
Gigabit Community Fund	http://www.mozilla.org/en-US/gigabit/	Science Foundation and US Ignite, the Gigabit Community Fund seeks to advance the development, experimentation and implementation of learning and workforce opportunities enhanced by new, super powerful Internet technologies like Google Fiber and EPB.
Girls Who Code	http://girlswhocode.com/	Girls Who Code online programs work to inspire, educate, and equip girls with the computing skills to pursue 21st century opportunities.
Hopscotch	https://www.gethopscotch.com/	Coding for kids using iPad language. We make it easy for kids to create and publish programs.
Hour of Code	http://code.org/	Code.org® is a non-profit dedicated to expanding participation in computer science education by making it available in more schools, and increasing participation by women and underrepresented students of color. Our vision is that every student in every school should have the opportunity to learn computer programming.
Learn Science & Math Club	http://www.learnscienceandmathclub.org/	LEARN Science & Math Club is a not-for-profit based in Kansas City, MO provides science, math, engineering and technology enrichment programs for kids from 5 to 18 years of age. Our mission is to provide kids with rich science and math experiences.

National Center for Women and Information Technology	https://www.ncwit.org/	The National Center for Women & Information Technology is a non-profit community of more than 500 prominent corporations, academic institutions, government agencies, and non-profits working to increase women's participation in technology and computing. NCWIT helps organizations recruit, retain, and advance women from K-12 and higher education through industry and entrepreneurial careers by providing community, evidence, and action.		
Rocket21	http://www.rocket21.com/about	Rocket21 is a social networking website designed to help children explore STEM interests and options for their future.		
Sandbox Summit Technology Toys	http://sandboxsummit.org/home/	Sandbox Summit is a series of conferences designed to address how technology affects the ways kids play, learn, and connect.		
Scratch	http://scratch.mit.edu/	online community where children can program and share interactive media such as stories, games, and animation with people from all over the world.		
TEALS Teacher Training for CS	http://www.tealsk12.org/index.html	TEALS (Technology Education And Literacy in Schools) is a grassroots program that recruits, mentors, and places high tech professionals into high school classes as part-time teachers in a team teaching model where the school district is unable to meet their students' Computer Science needs on its own.		
K-12 In-School Curriculum	URL	Timeline	Organization	Target Audience
AP Computer Science	http://apcentral.collegeboard.com/apc/public/courses/teachers_corner/4483.html	School Year	College Boards	High School
CISCO Network Academy	https://www.netacad.com/web/about-us/courses-and-certifications	Year Round	CISCO	High School, Adult
CompTIA	http://certification.comptia.org/getCertified/certifications/a.aspx	Year Round	CompTIA	High School, Adult
District-specific Curriculum	Varies by school district	School Year		High School
PLTW CSSE curriculum	https://www.pltw.org/our-programs/computer-science/computer-science-curriculum	School Year	PLTW/KC STEM Alliance	High School
Post Secondary Institutions	Degrees in Computer Science, Computer Engineering, Information Technology, Interdisciplinary Computing	Type of Degrees Conferred		
Avila University	https://www.avila.edu/computerscience/	Bachelor		
Benedictine College	http://www.benedictine.edu/academics/majors-minors/mathematics-computer-science	Bachelor		
Centriq Training	http://centriq.com/	Certificate		
DeVry University	http://www.devry.edu/universities/us-locations/missouri/kansas-city-campus.html	Associate, Bachelor, Master		
ITT Technical Institute- Kansas City	http://www.itt-tech.edu/campus/school.cfm?loc_num=29	Associate, Bachelor		
Johnson County Community College	http://www.jccc.edu/computing-sciences-and-information-technology/index.html	Certificate, Associate		
Kansas City Kansas Community College	http://www.kckcc.edu/academics/academicDivisions/mathematicsScienceAndComputerTechnology	Certificate, Associate		
Kansas State University	http://www.cis.ksu.edu/	Bachelor, Master, Doctor		
Metropolitan Community College	http://www.mcckc.edu/progs/degrees/aas/overview.asp	Certificate, Associate		
Missouri University of Science & Technology	http://cs.mst.edu/	Bachelor, Master, Doctor		
Rockhurst University	http://www.rockhurst.edu/academics/undergraduate/majors/engineering-computing-program/overview/	Bachelor		
University of Central Missouri	http://www.ucmo.edu/cs/	Bachelor, Master, Doctor		
University of Missouri - Columbia	http://engineering.missouri.edu/cs/	Bachelor, Master, Doctor		
University of Missouri - Kansas City	http://sce.umkc.edu/	Bachelor, Master, Doctor		
University of Kansas	http://www.eecs.ku.edu/	Bachelor, Master, Doctor		
University of Kansas - Edwards	https://edwardscampus.ku.edu/academic-programs	Bachelor, Master		
Washburn University	http://www.washburn.edu/academics/college-schools/arts-sciences/departments/computer-information-sciences/index.html	Associate, Bachelor		
Westminster College	http://www.westminster-mo.edu/academics/majorsminors/majors/computer-science/Pages/default.aspx	Bachelor		