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After-School STEM Education / Homeschool Groups / Field Trips / Summer Camps / IT Infrastructure Upgrade / Computer Repairs & Networking

GROW IN STEM SUMMER CAMPS & PROGRAMS AT GENERATETECH

IMAGINE IT! Capture It! BUILD it! Act it! EXPERIENCE it!

[Registration Details Available @ www.generatetech.com](http://www.generatetech.com)

Grow In STEM Summer Camp: Grades 1 – 5; June 6 – 10; 12:30 PM – 5:30 PM with pre camp drop-off option from as early as 8:30 AM

Over 5 days, campers will work in teams and independently as they learn to program a mini computer, the Micro: bit. Campers will program their mini computers to perform over 7 different functions, including serving as a Fitbit. 75 minutes per day will be dedicated to understanding, building and working with simple machines. And to strengthen the coding abilities of campers, another 75 minutes will be devoted to coding with MIT Scratch. While all our training experiences are immersive and fun, campers will take breaks to show off their gaming skills. This camping experience is 100% hands-on and spotlights a myriad of STEM careers.

Grow In STEM Summer Camp: Grades 6 – 9; June 27 – July 01; 12:30 PM – 5:30 PM with pre camp drop-off option from as early as 8:30 AM

Campers will work independently and in pairs as they focus on designing and building their own e-commerce website. Campers will use HTML5, CSS and JavaScript to build their own custom website while learning about business, marketing and the design process. Each day, campers will learn about macros and how to create and assign them within Excel and PowerPoint. Students will create an interactive quiz using macros. These older campers will also get to program micro: bits to introduce them to Python and JavaScript programming languages. This camping experience is 100% hands-on and spotlights a myriad of STEM careers.

3D Printing Training: Grades 3 – 9; July 11 – 15; 12:30 PM – 5:30 PM with pre camp drop-off option from as early as 8:30 AM

Students will immerse themselves in 3D modelling and printing as they 3D model a variety of real-life prototypes and spend many hours brainstorming, collaborating and 3D modelling objects with their peers within groups. This is a prestigious training program that meets ISTE standards. In addition to developing 3D modelling, 3D printing and problem-solving skills, students will learn about what it means to be a Knowledge Constructor, an Innovative Designer, a Creative Communicator, a Digital Citizen and a Global Collaborator. Training methods include visuals and videos, simulations and student-led sessions. Includes a capstone project.

Workplace Readiness and Job Enhancement Technology Program: Seniors, recent graduates and adults; Begins June 1 and runs for 6 weeks; 5:30 PM – 7:30 PM

This program combines intermediary to advanced computer skills that spans computer repairs (hardware and software), computer security (workstation and workgroups levels), computer networks (LANs and WANs) and elective training in website design.

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