



TECHIE Camp

A TECH CORPS Signature Program

Sponsored by:



LEONARD GELFAND
STEM CENTER



Cognizant



The Char and Chuck
Fowler Family Foundation

NOW ACCEPTING APPLICATIONS FOR FREE TECHIE CAMP!

With support from **Cognizant**, the **Fowler Family Foundation**, and the **Leonard Gelfand STEM Center**, TECH CORPS will implement its Techie Camp® program with **160** students at **Case Western Reserve University** during the summer of 2017.

Techie Camp is a full-day, week-long technology experience designed specifically for elementary and middle school students. The goal of Techie Camp is to engage students in activities that can stimulate a deeper interest in technology; as well as provide opportunities for them to express their imaginations.

Each camp is comprised of 20 students and lead by two TECH CORPS Instructors. Families will be responsible for transportation and lunch/two snacks/beverages. Camps will be held at Case Western Reserve University.

Applicant Requirements:

- Attend Breakthrough Schools, Cleveland Heights-University Heights City Schools, Cleveland Metropolitan School District, East Cleveland City Schools, Euclid City Schools, South Euclid-Lyndhurst City Schools, or Warrensville Heights City Schools.
- Be a rising 3rd – 8th grade student

Camps will fill up fast- APPLICATIONS OPEN ON FEB 17!

Application Link: <https://www.surveymonkey.com/r/2017cwruapp>

Letter of Recommendation Link: <https://www.surveymonkey.com/r/2017CWRUREC>

Application Deadline: April 21, 2017

Techie Camp Topics

Programming	Through fun and engaging experiences with Scratch (elementary) or Unity (middle school), students will learn the basic concepts of programming through the creation of video games and interactive stories.
App Development	Using MIT App Inventor, students will create and explore Android apps that will work on their computers and their Android smart phones.
Robotics	Students explore engineering and programming concepts using EV3 robots.
3D Printing	Students will learn how to use 3D modeling software to design, create, and print various 3D models. The camp will encourage students to think about the real-world implications of 3D printers while also fostering their creativity.

Techie Camp Details				
Dates	Time	Grades	Topic	Location
June 5 th — June 9 th	9:00am— 4:00pm	3 rd - 5 th	ES Programming	Case Western Reserve University - Olin
June 5 th - June 9 th	9:00am— 4:00pm	6 th - 8 th	MS 3D Printing	Case Western Reserve University - TBD
June 12 th - June 16 th	9:00am— 4:00pm	3 rd - 5 th	ES Robotics	Case Western Reserve University - TBD
June 19 th - June 23 rd	9:00am— 4:00pm	6 th - 8 th	MS App Development	Case Western Reserve University - Olin
June 26 th - June 30 th	9:00am— 4:00pm	6 th - 8 th	MS Programming	Case Western Reserve University - Olin
July 10 th - July 14 th	9:00am— 4:00pm	3 rd - 5 th	ES Programming	Case Western Reserve University - Olin
July 17 th - July 21 st	9:00am— 4:00pm	3 rd - 5 th	ES App Development	Case Western Reserve University - Olin
July 31 th - August 4 th	9:00am— 4:00pm	3 rd - 5 th	ES 3D Printing	Case Western Reserve University - TBD

Selection Process:

Students interested in being selected to participate will need to complete an online application. Applications will be evaluated in the order received. Up to 20 students will be selected for each camp based on their application (10 points), Student Prompt Answers (60 points) and letter of recommendation (30 points). Student notifications will begin the week of **May 1, 2017**. Applicants have until **April 21, 2017** to turn in application materials.

TECH CORPS Contact:

Please contact Alexis Crosby, Northeast Ohio Regional Director with any questions at acrosby@techcorps.org or 216-315-8240 TECH CORPS.