# TECHie Camp

A TECH CORPS Signature Program

Sponsored by: Case Western Reserve University | 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 | |
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| 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. |

TECH CORPS is a national nonprofit organization dedicated to ensuring all K-12 students have equal access to the technology programs, resources and skills to enrich their education today and to prepare them for college or career tomorrow. www.techcorps.org

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