

# Project '19

## Ingenuity, Inspiration, Imagination, Innovation

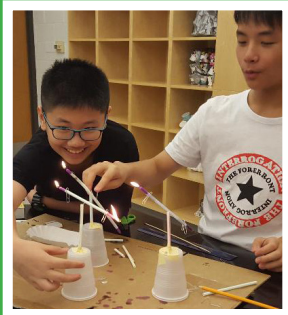


### Classes:

- Adulting and Other Super Skills
- Audition Technique
- CAD, 3D Printers, and CNC Machines
- Combustion and Pyrotechnics
- Computer Graphic Design
- Creative Writing
- Debate and Law
- Eco-Warriors
- Extreme Math
- Forensics
- Geometry, Art, and Architecture
- Make with Makey Makey!
- Mysterious Math
- Never Bored with Cardboard
- Scene Study
- Stand-Up!
- Wonderful Wizarding World

### Workshops:

- Artists' Studio
- Creating Music in a Digital World
- Fashion Design: Adventures in Cosplay
- Historic Games of Strategy and Diplomacy
- STEM with SteAm: Rube's Ingenuity
- World War II: 1943



**July 8 - 26 ■ Grades 5 - 12**

Full Days: 9:00-3:00  
Mornings: 9:00-11:40  
Afternoons: 12:20-3:00  
Open House: July 25, 6:00 - 8:30 p.m.

Elmhurst College, 190 S. Prospect Avenue, Elmhurst

*Conveniently located at the junction of three expressways and two blocks from the Elmhurst Metra station.*

**Free transportation from select locations!**

Extended Care: 7:30-9:00 and 3:00-6:00



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Joan Franklin Smutny, Founder and Director



## Classes

**Adulting and Other Super Skills.** Taught by a lawyer, have fun learning the things you'll need to know! Learn how to ace job interviews and applications, negotiate a raise, and calculate costs of living. Learn about jury duty, U.S. laws, mortgages, voting, budgeting, taxes, stock market, human rights, philosophy, and more, including how to handle common types of emergencies! *Janette Forman*

**Audition Technique:** Discover how to prepare for and perform an audition for an acting role on-camera! Learn how to break down audition sides (scenes), how to work the camera and hit the mark. Create a professional acting resume. *Jennifer Louise La Voie*

### **CAD, 3D Printers, and CNC Machines.**

Design original items to 3D print or carve into wood with a CNC machine. For those who have the desire to build, there will be opportunities to work with a small team to build a 3D printer or CNC machine. Students will learn how to calibrate the machines and troubleshoot the relatively new technology of 3D printers. (\$30 lab fee) *Nick Dykert*

**Combustion and Pyrotechnics.** Investigate physical forces and chemical combinations that tended to flare, fizzle, spark, and occasionally explode. Experiments focused on energy and the states and stages of matter through an exploration of thermo-chemistry and combustion. *Sara Tsoies*

**Computer Graphic Design.** Create digital art, lost dog flyers, movie posters, cartoon characters, greeting cards, and more! Place heads of famous people on bodies of animals, make a poster of a fake sequel to your favorite movie, enter the design and print your own t-shirt contest, become a digital Picasso or Monet, come up with new and improved logos. Almost all digital art begins with graphic design, and uses it extensively, including animation, engineering, and web, game, fashion, and industrial design. Graphic design software is the most useful computer tool a student can learn. We use GIMP, the best free software that does everything Photoshop can. Same tools, same techniques, same great fun! *Artyzen Pak*

**Creative Writing.** Are flights into fancy your genre? Or would you prefer writing a free verse poem? How about both? Try your skilful hand at free verse poetry, short stories, biographical fiction, historical fiction. Gain skill and artistry in writing. See yourself published. You write far better than you think! *Joan Franklin Smutny and Gail Arnold*

**Debate and Law.** Taught by an attorney, learn formal and informal arguments. Learn logic as it applies to the courtroom, and how to persuade someone without them realizing that they are being persuaded. *Janette Forman*

**Eco-Warriors:** Help save the planet while having fun! Join us for a hands-on approach to going green. Study pollinators, plants, and our planet. Make a home for a new friend, be it bird, bee, or butterfly. Learn to identify trees, insects, and other critters through firsthand exploration. Design your own creative and impactful projects while embracing the new 3R's: recycle, reuse and repurpose. *Leslie LeResche*

**Extreme Math.** Why are many mathematicians also musicians? What does Ben Franklin have to do with magic squares? Why are those math T-shirts funny? If you love math, spend two weeks pursuing such burning questions. In the third week, choose your own investigation and design your own math T-shirt. (Grades 9-12) *Carol Fisher*

**Forensics.** Find out what really happens to the evidence collected from a real crime scene. Students will discover where it goes, how does it tell its story, and how can it be used to solve the crime. Here is your chance to become the scientist who actually analyzes the evidence and uses it to solve the crime. *Sara Tsoies*

**Geometry, Art, and Architecture.** Explore 2D and 3D design using a variety of materials. Consider recent architectural achievements in Chicago. Study the work of such innovators as architect Frank Lloyd Wright and artist M.C. Escher. Develop an understanding of geometric principles underlying architectural structure and artistic design as you create your own 2D and 3D designs and structures. *Carol Fisher*

**Make with Makey Makey!** Want to makey makey something fun-tastic and edu-taining? Use Scratch game and animation coding to explore creative possibilities with Makey Makey circuit boards. Design, build, and program your own projects, such as a video game controller, drum kit, food piano, security camera activation, and a variety of games from Whack-A-Mole to Dance Dance Revolution! (\$20 lab fee) *Artyzen Pak*



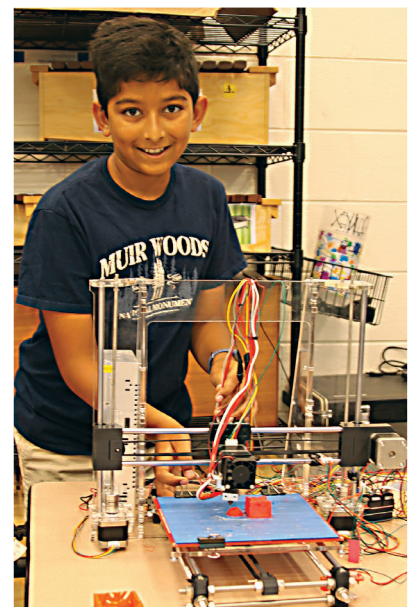
**Mysterious Math.** Unravel mysteries of math, solve ancient puzzles, construct 3D wonders, transform shapes, and delve into dynamic explorations for the first two weeks. Immerse yourself in one of these fascinating math topics during the third week, as you select a topic of keen interest to pursue in depth. (Grades 5-8) *Carol Fisher*

**Never Bored with Cardboard!** Build all kinds of contraptions with cardboard and everyday household items. Some projects will use motors and electronics or a Makey Makey. (\$20 lab fee) *Artyzen Pak*

**Scene Study:** Designed for actors who wish to hone their craft, this course will focus on creating characters, connecting to emotions, and breaking down scenes into "beats." Work with your peers and instructor to practice, apply, and polish these techniques, and perform a grand multi-character scene together at the Open House. *Jennifer Louise La Voie*

**Stand-Up!** Do you like to make people laugh? This foundation course provides an introduction to stand-up comedy. Learn skills to improve your confidence, communication, joke writing, and delivery. By the end of the course, you will have perfected (or almost) your 3-minute stand-up set to perform at open mics. *Jennifer Louise La Voie*

**Wonderful Wizarding World:** Immerse yourself in the Wizarding World! Discuss and debate characters and themes from books and film series, such as Harry Potter, Lord of the Rings, Fantastic Beasts, and Merlin. Craft a one-of-a-kind wand; challenge your spell-casting, wizard dueling, and trivia skills. Design, define and realize your own creative creature or fantastic beast. Play Quidditch, formulate spells in Latin, and create your own wizard candy. Compete for the House Cup and participate in our "End of Term Feast." *Leslie LeResche*



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## Workshops

**Artists' Studio.** Find your personal artistic style. Explore a variety of media while experimenting with a range of artistic styles and techniques. Create complex and creative works of art using inspiration from art history and life. Create a collection of work while developing your individual artistic skills and finding your own personal styles and artistic preference. *Christie White*

**Creating Music in a Digital World.** Are you musical? Do you have the desire to create your own original songs? Use digital tools to lay down beats, blend melodies, and create unique sounds. Work in a group or by yourself to create your own songs. Learn software tools to create multi-track songs and unique sounds. For those interested in recording piano, guitar, or other analog instruments, there will be opportunities to mic and record yourself. This workshop is all about creativity. By the end of the class, you will walk away with a song that you have written and recorded yourself. *Nick Dykert*

**Fashion Design: Adventures in Cosplay.** Many modern fashion designers look to science fiction, the comic book universe, and literature when creating their latest collections. Using both traditional and unconventional materials, students will become designers themselves and create their own cosplay looks. *Leslie LeResche and Lexie Kiamco*

**Historic Games of Strategy and Diplomacy.** Re-enact history through games of strategy! Choose from games covering a variety of time periods and locations. Expand empires through 4000 years of *History of the World*, smite thine enemies in *Ancient Conquest*, invade *Britannia*, crown your pretender in *Kingmaker*, colonize exotic lands during the *Age of Imperialism*, lay iron track across the prairie in *Empire Builder*, make the world safe for democracy in *Diplomacy*, and fight World War II in *Axis and Allies*. (p.m. only) *Christopher Freeman*

**STEM with SteAm: Rube's Ingenuity.** Hone your "out-of-the-box" problem solving instincts by developing complicated solutions to simple tasks! Engineer and construct contraptions electrical and mechanical that defy logic, evade explanation, and stretch your creativity beyond known limits! (*Previous experience with the use of basic tools is helpful but not essential*; \$25 lab fee) *Michael Gorelick*

**World War II: 1943.** The Allies strike back in Stalingrad, Sicily, and the Solomon Islands. The class will include actual war stories, military film footage, and a large map of the world on which the major decisions of the war will be re-enacted by moving pieces on the map accordingly. *Christopher Freeman and Dale Ridder*



### Details in Brief: [\(See also "Details" pdf on our website\)](#)

**Project '19 Program Structure:** Students choose their own courses from the rich variety of exciting topics offered. The daily program format for each student is determined by the courses he or she has chosen and will be either two 78-minute classes, or a single 160-minute workshop, each half day (morning and/or afternoon) for the entire three weeks.

**Extended Care:** Organized, nurturing supervision by qualified staff is offered on site every morning from 7:30 to 9:00 and from 3:00 to 6:00 each afternoon. Pre-registration is not required.

**Eligibility:** Bright, motivated students who will enter the required grade levels in fall 2019, from any educational setting—public, private, parochial, or home school—may apply. Applicants who never have attended programs of The Center for Gifted must submit our completed and signed recommendation form. They need not have qualified for advanced programming at their schools; test scores are not our only criteria. See our website for eligibility guidelines or to download the eligibility/recommendation form. Parents who wish to discuss, or who have questions about, their child's eligibility are welcome and encouraged to be in touch with us via phone or email. Students who have participated in any previous program of ours are accepted upon our timely receipt of their applications.

Tuition: Full Day \$1380; Half Day \$690  
Extended Care: \$10/hr

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