

The Center for Gifted ~ Midwest Torrance Center for Creativity presents

2017 Worlds of Wisdom and Wonder

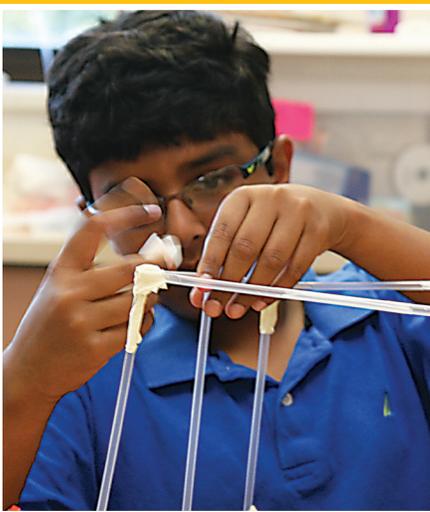
in **Crete** for Grades PreK-8

STEM focused challenges for advanced learners!

Mother Teresa Catholic Academy
24201 S. Kings Rd
Crete

July 24-28

- Rainforest Adventures (PreK-K)
- Soaking Up Science (PreK-K)
- Electricity and Play Dough Circuits (K-5)
- Lego Mindstorms Robotics (3-8)
- Lego WeDo Robotics (K-3)
- Makerspace (4-8)
- Mathemagicians (K-2)
- Outer Space Escapades (K-2)
- Science and *Star Wars* (3-8)
- Science Experiments with Toys (K-3)
- Slopes and Slides: Math and Engineering (3-8)
- Web Game Design with Scratch (3-8)



The Center for Gifted
a Northern Illinois University partner

Apply online at www.centerforgifted.org

Our Worlds of Wisdom and Wonder programs are designed for bright, motivated learners who welcome dynamic opportunities to explore diverse subjects in a challenging, creative environment. In all classes, hands-on activities and inventive modes of participation foster originality and imagination, evoking active involvement and discovery; the development of problem-solving skills, creativity, and critical thinking is inherent in the framework!

Applications are accepted online via our website, or by mail, email, fax (847-901-0179) or in person. \$80 deposit is required per session and will be applied to tuition. Applications have a \$4 processing fee per session, and some courses require lab fees (see course descriptions). Payments are fully refundable for withdrawals requested by the beginning of each session. Financial assistance is available.

New students require recommendations from educators (form is available on our website). Grade reports or test scores may be substituted.

Extended Care

Please contact Mother Teresa Catholic Academy for details.

Mother Teresa Catholic Academy 24201 S. Kings Rd

Full Day: 9:00 a.m.-3:00 p.m.
Mornings Only: 9:00-11:40 a.m.
Afternoons Only: 12:20-3:00 p.m.

Full Day: \$210
Half Day: \$420

Extended Care offered by
Mother Teresa Catholic Academy

Workshops for PreK - K

Students attend a single workshop each morning and/or afternoon.

Rainforest Adventures: Create a simulated rainforest with monkeys on vines, parrots in treetops, and pink dolphins in the Amazon River!

Soaking Up Science: Swish, squish, and splash as you experiment with everyday items and explore the world around you. Science is in your kitchen and on the playground, during a thunderstorm and at the beach—the possibilities are endless!

Classes for K - 8

Students attend two classes each morning and/or afternoon, selecting their favorites among the course offerings. Note that for courses spanning several grade levels, students are scheduled with their age peers.

Electricity and Play Dough Circuits: Create your own circuits using conductive and insulating play dough to light LEDs, run motors, and play sound. Use meters and an oscilloscope to study electric current flow. Design and construct creatures incorporating LEDs and sound. (\$15 lab fee)

Lego Mindstorms Robotics: Explore principles of engineering and programming! Employ gears, sensors, and motors to create robots. Work in engineering teams to innovate and experiment in designing, constructing, and programming your robots. (\$15 lab fee)

Lego WeDo Robotics: Build robots such as monkeys, alligators, and birds. Work from our building plans or create your own robots. Program actions and sounds. The possibilities are endless! (\$15 lab fee)

Makerspace: Let your imagination come to life in a space where trans-disciplinary learning, inquiry, risk-taking, thinking, crafting, tinkering, and wondering can blossom. (\$15 lab fee)

Mathemagicians: From codes to magic squares and number tricks discover secret sequences, play math games, and investigate intriguing puzzles. Create your own number tricks!

Outer Space Escapades: Blast off, astronauts, to an astronomically fun, factual, and fantastic exploration of the universe! Experience the joy of discovering, creating, and learning through an interdisciplinary approach integrating science literature, math, history, art, and drama.

Science and Star Wars: Lightsabers, levitating cars, and faster-than-light travel. All these things make *Star Wars* fun at the movies, but can they happen in the real world? Investigate and try to recreate some of the fun science from *Star Wars*.

Science Experiments with Toys: Discover mystery eggs, feely balloons, burping bottles, and crushing cans. Explore the science and wonder of toys via hands-on fun and lab experiments.

Slopes and Slides: Math and Engineering: Draw, build, and measure the slopes of slides and ramps. Engineer your own ramps course as you investigate variables that affect how objects move down various slopes.

Web Game Design with Scratch: Want to know how flash games got their start? Create your own version of "Five Nights at Freddy's" or try something new of your choosing.

Administrative Offices located at:
1926 Waukegan Road, Suite 2
Glenview, IL 60025

Joan Franklin Smutny, Founder and Director

More Exciting Summer Opportunities!

Project '17

at Elmhurst College

for students entering grades 6-12

July 17 - August 4

FREE Transportation!

Worlds of Wisdom and Wonder

for students entering grades PreK-8

- Barrington - Elmhurst - Skokie
- Chicago - Glenview - Wheaton
- Crete - Naperville

see our website for details

Tinker-a-Thon!

at Elmhurst College

for students entering grades 1-5

July 17 - August 4

Enroll for one, two, or all three weeks!

info@centerforgifted.org | 847.901.0173 | www.centerforgifted.org

The Center for Gifted is a not-for-profit organization under IRC Section 501(c)(3)