

Winter 2017 Worlds of Wisdom and Wonder

Barrington

Prairie Middle School, 40 E Dundee Road
Sundays, Feb 26, Mar 5, 12, 19
2:00-4:30 . Tuition \$180

PreK-K: World Class Explorers

A 2½-hour hands-on imaginative adventure!

Grades K-7:

Choose two 75-minute classes:

- Art Unlimited (1-7)
- Coding Investigators* (3-7)
- Creative Writing (1-7)
- Economics, the Stock Market, and You! (3-7)
- Electricity and Play Dough Circuits* (K-5)
- Geometry: Design, Architecture, and Construction (K-5)
- STEM with SteAm: Moto-Pets* (1-5)

STEM with SteAm: Moto-Mania* (4-7)

Enroll in all four sessions or select individual days.
Workshops are 2½-hours. Tuition is \$45 per Sunday.

- February 26: Cable Car
- March 5: Bubble Maker
- March 12: Plane on a Stick
- March 19: Tornado in a Bottle

Elmhurst

Sandburg Middle School, 345 E St Charles Road
Sundays, Jan 22, 29, Feb 5, 12
2:00-4:30 . Tuition \$180

PreK-K: Science and Art

A 2½-hour hands-on imaginative adventure!

Grades K-7:

Choose two 75-minute classes:

- Art Unlimited (1-7)
- Coding Investigators* (3-7)
- Creative Writing (1-7)
- Electricity and Play Dough Circuits* (K-5)
- Geometry: Design, Architecture, and Construction (K-5)
- STEM with SteAm: Moto-Pets* (1-5)

Engineering Escapades* (4-7)

Enroll in all four sessions or select individual days.
Workshops are 2½-hours. Tuition is \$45 per Sunday.

- January 22: Bridge Building
- January 29: Earthquake-Proof Structures
- February 5: Armoured Catapult
- February 12: Obstacle Course

Historic Game Simulations (5-10)

Immerse yourself in strategies through playing board games that re-enact history. Game sessions are 2½-hours.

Naperville

Prairie Elementary School, 500 S Charles Ave
Saturdays, Jan 21, 28, Feb 4, 11
1:00-3:30 . Tuition \$180

PreK-K: World Class Explorers

A 2½-hour hands-on imaginative adventure!

Grades K-7:

Choose two 75-minute classes:

- Art Unlimited (1-7)
- Coding Investigators* (3-7)
- Creative Writing (1-7)
- Electricity and Play Dough Circuits* (K-5)
- Mix, Swish, and Brew (K-5)
- STEM with SteAm: Moto-Pets* (1-5)

Engineering Escapades* (4-7)

Enroll in all four sessions or select individual days.
Workshops are 2½-hours. Tuition is \$45 per Saturday.

- January 21: Bridge Building
- January 28: Earthquake-Proof Structures
- February 4: Armoured Catapult
- February 11: Obstacle Course

Evanston

The Barbereux School, 3333 Culver Street
Saturdays, Feb 25, Mar 4, 11, 18
1:30-4:00 . Tuition \$180

Grades PreK-2

Two 75-minute classes each week:
Mix, Swish, and Brew
Stories and Art: The Caldecott Winners

STEM with SteAm* (1-3)

Enroll in all four sessions or select individual days.
Workshops are 2½-hours. Tuition is \$45 per Saturday.

- February 25: Moto-Pets
- March 4: Engineering Egg-Stravaganza
- March 11: Three-Wheel Racers
- March 18: Build a Catapult!

Ingenuity. Inspiration. Imagination. Innovation.

click HERE to enroll online

Worlds of Wisdom and Wonder Courses:

Art Unlimited: Pursue your own unique avenues of artistic expression! Discover how the world is a richer place due to the contributions of artists. Create artwork that expresses your muse and the joy of being an artist!

Coding Investigators: Explore innovative approaches to programming in this student-centered class. Each day will offer a variety of coding opportunities: Hour of Code, including Minecraft, Star Wars, Frozen, and Angry Bird versions, Scratch with its possibilities for animations and game design, and Finch robots. The choice is yours! (\$15 lab fee)

Creative Writing: Express yourself through writing! Respond to diverse catalysts, such as posters, paintings, books, music, and films, to write free verse poetry and different genres of stories, i.e. fantasy, biographical fiction, fractured tales. A writer is an imaginative thinker and communicator; come and share your inspiration!

Economics, the Stock Market, and You! Do you like money and want to make it grow? Play the "stock market" game, where you pit your wits against the real stock market. Form a board of directors and run your own company. Explore principles of micro- and macro-economics.

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)

Engineering Escapades: What constitutes a sound design? How much weight can your bridge hold? Can your building withstand an earthquake? How accurate is your catapult? Tackle STEM challenges via hands-on design and building projects! (\$10/day lab fee)

Geometry: Design, Architecture, and Construction: Use your geometry skills to design your own city. As the lead architect you will design and create a city infrastructure such as buildings, parks, roads, and more. Use your creativity and imagination to impress the mayor of your town!

Historic Game Simulations: Immerse yourself in strategies for winning World War II, conquering ancient Britain, creating a railroad empire, exploring South Sea islands, or building successful world empires through playing board games that re-enact history. Select from a variety of games, such as *Axis and Allies*, *Britannia*, *Empire Builder*, *Age of Imperialism*, *Conquest of Paradise*, *History of the World*, and *Settlers of Catan*.

Mix, Swish, and Brew: Create chemical concoctions that pop and fizz, mysterious solutions with curious properties, and slimy substances as you explore chemistry via diverse hands-on experiments.

Science and Art: Can science experiments create art? Can art be found in science? Discover answers as you explore both science and art through creative hands-on experiments and projects.

STEM with SteAm: Moto-Pets: Design and engineer your own battery-powered motorized pets! Create vibrobots, bristlebots and artbots in this creative class. Let your ingenuity take shape! (\$20 lab fee)

STEM with SteAm: Moto-Mania: Explore the principles of physics and engineering while constructing unusual motorized contraptions such as "The Cable Car," "Bubble Maker," "Plane on a Stick," and "Tornado in a Bottle." (\$10/day lab fee)

Stories and Art: The Caldecott Winners: Why is a book a Caldecott winner? How does art express a story? How does a story inspire art? Explore artistic styles found in the superbly illustrated winners of the Caldecott Medal. Create stories and illustrations of your own.

World Class Explorers: Discover wonders on different continents through hands-on activities, literature, and drama. Immerse yourself in a different country each day. Climb a volcano, stare down a kangaroo, build an igloo, and join a safari!

*Aged out of our programs?
Contact us about
volunteer opportunities!*



Winter Break

**Saturday
Workshops**

**Robotic
Petting Zoo**

**Details for
Winter 2017**