

CHICAGO ARCHITECTURE FOUNDATION

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Chicago Architecture Foundation celebrates the creativity of engineering and construction

Learn first-hand about some of the industry's most innovative structural achievements through tours, workshops and demonstrations for kids and families

Chicago, Ill.— Join Chicago Architecture Foundation (CAF) to celebrate Engineering Fest in honor of National Engineers Week. Drop in on February 27-28 between 10am and 3pm for a free weekend full of family-friendly engineering explorations. This year's theme is Construction, where visitors will develop their own construction drawings, participate in hands-on building activities, take tours and learn about construction and engineering jobs from professionals.

CAF's Engineering Fest activities will take place in various spaces of the building's atrium, as well as at locations off-site in the downtown area:

- **ArcelorMittal Design Studio, 10am – 3pm**
 - Plans: Families will work in teams to develop construction drawings in plan, elevation and section views.
 - Structures: Guests' construction drawings will serve as a guide to build in 3D using Erector Sets, illustrating how tall and strong structures are designed and built.
- **Morse Learning Studio, 10am – 3pm**
 - Construction Crafting: Participants will work with repurposed building materials and get hands-on to create an Engineering Fest construction collage and decorate personalized construction hard hats.
- **Lecture Hall, 10am – 3pm**
 - Pour a Foundation: Guests will mix their own concrete and learn how to pour a foundation in this fun activity station.
 - "It's my Job Career Circle" and "Machine Petting Zoo": Participants will work with a group of professionals, including construction workers, brick-masons, carpenters, electricians, pipe-layers, plumbers, roofers and cement-workers, to learn all about their jobs in the field. A "Machine Petting Zoo" made up of

machines and tools will be on-site for participants see and touch, and ask questions about how they are used.

- Imagination Photo Station: Kids will learn about the roles of all construction site professionals, then dress up as their favorite one for a photo opportunity.

- **Railway Exchange Building Atrium and Loop tours**

- Building Tours: Visitors will get a behind-the-scenes tour of the Railway Exchange building, exploring the basement, 12th floor and elevators with the chief engineer to learn about the systems that regulate the temperature and help people navigate the building.

Departures: 10:30am; 11:30am; 12:30pm; 1:30pm; 2:30pm

- “Walk around the Block”: CAF docents will lead guests around the block to learn about the structural elements that keep buildings standing tall.

Departures: 10:15am; 11:15am; 2:15pm; 1:15pm; 2:15pm

- **Atrium and *Chicago Model* Exploration, 10am – 3pm**

- Guests will explore the 320-square foot to-scale model of Chicago with an I-Spy game to see how many engineering marvels are represented, and learn the math behind the scaling of the *Chicago Model*.

About the Chicago Architecture Foundation

The Chicago Architecture Foundation is a nonprofit organization dedicated to inspiring people to discover why design matters. CAF pursues this mission through architecture tours, exhibitions, panel discussions, and youth and adult education programs. For further information visit www.architecture.org or call 312.922.3432.