

At the Center - StudentDay@theCenter

Bring your K - 12 class to the Center for Architecture for a two-hour hands-on workshop exploring architecture and design. \$300 per class; \$225 for Title 1 schools; \$100 one-hour exhibition tours.



The Language of Architecture (K - 6)

Students learn new architectural vocabulary and practice 'reading' buildings for design clues on a neighborhood walk, then create their own buildings as 2-D collages or 3-D models.

Skyscrapers: Structure and Strength (K - 12)

Students explore the structural systems that support tall buildings through hands-on demonstrations, then test their knowledge by creating their own skyscraper models.

Building Bridges (2 - 12)

Students learn about the design and structure of four different types of bridges, and create their own working suspension bridge models.

Green Buildings (4 - 12)

Working with a modified version of the LEED (Leadership in Energy and Environmental Design) rating checklist, students become familiar with sustainable design strategies and design their own "green" buildings.



Scale Model Building (6 - 12)

Students hone their measurement and math skills as they create their own 1/2" = 1' scale apartment models, complete with people and furnishings.

Neighborhood Design (5 - 12)

Students explore urban planning concepts as they work in groups to create a model of an ideal neighborhood based on planning and zoning guidelines.

Build A Geodesic Dome (5 - 12)

The whole class works together to build a 14-foot geodesic dome, then each student creates an individual model based on this geometry.

Exhibition Programs (2 - 12)

One-hour exhibition tours can be extended with a one-hour hands-on workshop exploring the themes presented in the exhibition. Check www.cfafoundation.org/studentday for current offerings.



At your school - Learning By Design:NY

Our in-school residency programs use architecture and design to foster learning and discovery across core subject areas, cultivating students' observation skills, critical thinking, problem solving, and creativity. Programs are developed and taught by our Design Educators in collaboration with classroom teachers to enrich and extend existing classroom studies and meet ELA, math, social studies, and STEM standards. Student projects are featured in an annual exhibition at the Center for Architecture in Greenwich Village.

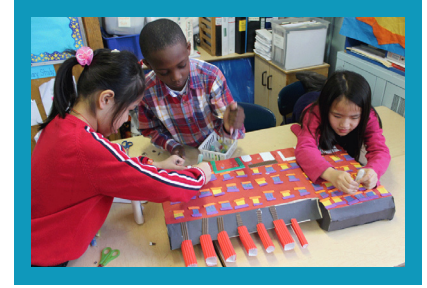
All residencies include art materials, a planning meeting with teachers, and a series of 90-minute classroom sessions. Prices are per class and vary by program length. Add a 2-hour PD workshop to any residency for only \$450.

Sample Residency Topics:

Neighborhood Architecture
Bridge Design
Green Buildings
Native American Architecture

City Planning
Skyscraper Design
New York City History
Greek/Roman Architecture

Custom programs can also be developed around a topic of your choice.



For teachers - Professional Development Workshops



Our customized workshops introduce teachers, after-school providers, and administrators to built environment education strategies, activities, and curricula. Staff will learn how to use architecture and design to infuse Common Core curricula with interdisciplinary STEM/STEAM lessons and real-world design challenges.

Two-hour to full day workshops can be scheduled at your school or at the Center for Architecture.

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