

CENTER FOR ARCHITECTURE



Looking to share your interest in architecture and design with young people this summer?

VOLUNTEER for a week-long summer program at the Center for Architecture!

Summer Programs: Week-long design programs for children in grades 3 - 12

About our Summer Programs:

The Center for Architecture's Summer Programs immerse students in learning about different topics in architecture through drawing, design and model making activities, and field trips to museums, buildings and professional design offices. Programs are taught by CFA Design Educators and are grouped by age: elementary school (grades 3 – 5), middle school (grades 6 – 8) and high school (grades 9 – 12). Each program culminates with students presenting their week's design work to family and friends. Programs are held at the Center for Architecture and will run June 25 – August 24, 2018.

Volunteer Responsibilities/Requirements:

Volunteers are asked to commit to a full program week, so they can see the project from start to finish, and be fully integrated into the program as assistants. Volunteers work directly with our Design Educators in the classroom and assist with all program activities and field trips. Typical tasks include working one-on-one with a student to help them finalize their ideas or figure out how to get their drawing to the right scale; cutting cardboard for younger students; providing encouragement to a student who is having difficulties; and assisting with class management on a field trip. You will not only develop your teaching skills, but also learn more about architecture and design in the process. Hours are 8:30 am – 4:30 pm, Monday – Friday, with an hour break for lunch.

Candidates should have experience working with children, and have knowledge of and interest in architecture, design, and hands-on art making.

How to Apply:

Please complete our **Summer Volunteer Application** and send this along with your resume to info@cfafoundation.org. We will contact you to set up a meeting with a member of our Education staff, so we can best match your interests and experience with our summer programs. Please visit our website www.centerforarchitecture.org/summer for further information about the programs being offered this summer.

About the Center for Architecture

The mission of the Center for Architecture is to educate a broad audience about the built environment and the value of contemporary architectural practice in urban life. Through informative exhibitions, timely public programs and design education experiences for K-12 students and families, the Center reveals the transformative power of architecture and serves as a vital place of dialogue and collaboration for building professionals and the general public.



SUMMER 2018 PROGRAMS

Week-long summer programs for students entering grades 3 - 12 in Fall 2018.

Programs run **Monday - Friday, 9AM - 4PM** at the **Center for Architecture**.

Tuition: \$600/week; \$1200 for 2-week programs.

Need-based scholarships available; apply by April 1.

Register beginning February 15 at www.centerforarchitecture.org/summer

June 25 - 29

Treehouses (Grades 3-5)

Create your own fantastic model treehouse! Students will begin by crafting their own tree out of wood and papier-mâché, then work with its unique arrangement of branches to build a one-of-a-kind treehouse. We will explore various techniques to create ladders, swings, furniture, and other fun details.

Skyscrapers (Grades 6-8)

Structural advances in technology allow us to imagine new skyscrapers that are taller than ever before! In this studio, we'll explore the structures and systems that make such tall buildings possible through design challenges and a visit to a local skyscraper. Students will then be challenged to design and build their own model skyscrapers.

Drawing Architecture (Grades 9-12)

Take some time this summer to develop your architectural drawing skills! With a focus on perspective and free-hand drawing techniques, participants will visit different spaces throughout the city to practice observational on-site sketching. We will learn about methods for shading and rendering building materials. This is a great chance to create some new portfolio pieces!

July 9 - 13

Waterfront City (Grades 3-5)

What makes cities on the water so unique? How is their design affected by their location? Students in this studio will explore past, present, and future designs for cities built on or around water, including NYC. Students will create their own designs for a water city, incorporating ideas about architecture, transportation and recreation into their designs.

July 9 - 20

Architectural Design Studio (Grades 10-12) 2 week program

High School students interested in exploring the field of architecture and developing their portfolios will get a thorough introduction to the design process in this two-week intensive studio. Focused around a studio design project, students will learn how to work through an architectural program: from site analysis and developing a design concept to creating scale drawings and 3-D models of their design for a final presentation. Studio class will be supplemented by visits to an architectural office and a college architecture program, architectural history lessons, and design analysis activities.

July 16 - 20

Building Bridges (Grades 3-5)

In this studio, we'll explore beam, truss, arch, suspension and moveable bridges to learn how these different types of bridges support weight and span great distances. Students will visit several of NYC's bridges, then put their new knowledge to the test as they create a final bridge of their own design!

Digital Design: Camp Design (Grades 6-8)

This design studio introduces students to *SketchUp*, a fun and free 3D computer modeling program. Students will explore different types of camps from around the country and participate in some classic camp activities as inspiration. Participants will then design their own ideal summer camp complete with cabins, activity spaces, and natural features, to produce an animated walk-through of their finished project.

July 23 - 27

House of the Future (Grades 3-5)

Students in this studio will investigate how housing has changed over the years and what's in store for the future. The group will visit a historic home in NYC for a window into how people lived in the past, explore advancements in green architecture today, and speculate about what elements will be most changed in 100 years. As their culminating project, students will design and build their own models of a house of the future.

July 23 – 27

Introduction to Architectural Design (Grade 9)

Interested in architecture, but don't know where to start? Start here! This special 9th grade program introduces students to the key components of architectural design through drawing and modeling activities that familiarize them with essential design concepts and techniques. Students will learn how to use scale measurement to create architectural floor plan, elevation and section drawings, and experiment with other 3-D drawing techniques such as axonometric and perspective drawing, to document and draft their own designs.

July 30 – August 3

Playground Design (Grades 3-5)

Kids are the experts in this studio focusing on the design of playgrounds. The class will visit several unique playgrounds in the city to assess their design features by playing (of course!) and conducting on-site analysis through surveys, drawings, and user interviews. Students will explore and design different types of play spaces, culminating in a model of their own ideal playground.

Theater Design (Grades 6-8)

Create your own model theater and set the stage for your own production! In this studio, students will learn about important elements of theater and set design through activities at the Center and a visit to a city theater. Drawing on these design ideas, each participant will create a scale model of a theater and design a set for their favorite show.

Digital Design: Green Building (Grades 9-12)

This design studio introduces students to *SketchUp*, a fun and free 3D computer modeling program. It's becoming more and more important to create sustainable projects for our future. Students will explore green design strategies such as using renewable energy sources, green and blue roofs, natural lighting, and passive heating or cooling. Students will then create their own digital designs for an environmentally-friendly building.

August 6 – 10

Green Island Home (Grades 6-8)

Imagine having a small island in the Hudson River all to yourself! Who and what would you bring to your island? In this studio, you'll design an eco-friendly home for yourself on an imaginary island in the Hudson River. You'll also learn how to create buildings and landscapes that take advantage of our climate and natural resources to make your island a "green" oasis in the city.

August 6 – 17

Architectural Design Studio (Grades 10-12) 2 week program

High School students interested in exploring the field of architecture and developing their portfolios will get a thorough introduction to the design process in this two-week intensive studio. Focused around a studio design project, students will learn how to work through an architectural program: from site analysis and developing a design concept to creating scale drawings and 3-D models of their design for a final presentation. Studio class will be supplemented by visits to an architectural office and a college architecture program, architectural history lessons, and design analysis activities.

August 13 – 17

Animal Architecture (Grades 3-5)

Have you ever been curious about where animals live? Students will explore how animals build their homes by observing structures such as nests, ant colonies, shells, and dams. We will also visit the zoo to learn about buildings and environments created for animals. Students will use these ideas as inspiration to create their own animal architecture designs!

Digital Design: Tiny Houses (Grades 6-8)

This studio introduces students to *SketchUp*, a fun and free 3D computer modeling program, as a tool for designing a small personal dwelling. Inspired by the rising popularity of miniature houses, students will examine small spaces, such as NYC's "skinniest house" and how the limited square footage can inspire exciting innovation. Students will create a digital model of their own tiny house and an animated walk-through of their finished project.

August 20 – 24

Treehouses (Grades 3-5)

Create your own fantastic model treehouse! Students will begin by crafting their own tree out of wood and papier-mâché, then work with its unique arrangement of branches to build a one-of-a-kind treehouse. We will explore various techniques to create ladders, swings, furniture, and other fun details.

Treehouses (Grades 6-8)

The sky's the limit in this studio! Students will begin the project by learning about the structure of trees to craft their own scale models of the perfect tree. Using these creations as our starting point, participants will be challenged to design and build a fantasy treehouse within its branches. We will learn various techniques to support the treehouse, and create ladders, swings, furniture, and other fun details to scale!



Summer Programs are supported, in part, with public funds from the New York City Department of Cultural Affairs in partnership with the New York City Council.



Summer Programs Volunteer Application

Please return application and resume to info@cfafoundation.org

Thank you for your interest in volunteering at the Center for Architecture. The Center for Architecture promotes public awareness and a broader appreciation of the impact of architecture, design, and planning in the built environment, principally through educational programs, activities, and scholarship.

Contact Information

Name	
Street Address	
City, State, Zip	
Email Address	
Phone	

Availability

Volunteers are asked to commit to a full summer program week, so they can see the project from start to finish, and be fully integrated into the program as assistants. Volunteers work directly with our Design Educators in the classroom and assist with all program activities and field trips. Hours are 8:30 am– 4:30 pm Monday – Friday, with an hour break for lunch.

Please indicate which programs and or dates you are available for:
(See attached flyer for program dates and descriptions)

Architectural/Design Skills

Please summarize your experience with architecture, design, or hands-on art/building projects.

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Education Experience

Please explain previous experiences working with children

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Please explain your interest in volunteering with CFA

Tell us why you want to work with our summer programs.

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Person to notify in case of emergency

Name	
Street Address	
City, State, Zip	
Email Address	
Phone	

Agreement and Signature

I understand by submitting this application, I affirm that the facts set forth in it are true and complete. I understand that if I am accepted as a volunteer, any false statements, omissions, or other misrepresentations made by me on this application may result in my immediate dismissal.

Name	
Signature (or initial if completing digitally)	
Date	

Our Policy

It is the policy of this organization to provide equal opportunities without regard to race, color, religion, national origin, gender, sexual preference, age, or disability

Volunteers Under 18 Years Old

If under 18, please have parent read and sign the attached terms and conditions form.

Thank you for completing this application and for your interest in becoming a CFA Volunteer. Please send this application, your résumé, and contact information for one reference to info@cfafoundation.org

Terms & Conditions

Youth Programs Rules & Policies

Students are expected to treat each other and all staff with respect, and to follow the group instructions and activities. Any student whose behavior disrupts the program or jeopardizes the safety of any member of the group will be given a warning and parents will be notified. If behavior does not improve, the Center for Architecture reserves the right to dismiss the student from the program.

Tuition is non-refundable and non-transferable. We do not offer pro-rated fees for partial weeks.

Consent, Photo Release and Waiver of Liability and Indemnity

Agreement The undersigned parent(s) and/or legal guardian(s) of _____ (the "Student"), a minor, in consideration of the opportunity to participate in the programs and activities of the Center for Architecture (the "Center"), hereby agree and acknowledge that:

1. The Student is participating in the Center's programs and activities with the consent of the undersigned and at the undersigned and the Student's own risk.
2. There are risks and dangers involved in any form of group activity and that these risks and dangers may be caused by one or more persons and factors, including, but not limited to, the condition in which the programs and activities take place or the action, inaction or negligence of any one or more of the Student, the other participants in the program or activity, other visitors to the Center for Architecture or the Releasees (as hereinafter defined).
3. There may be other risks and dangers relating to the Student's participation in the Center's programs and activities that are not reasonably foreseeable at the time of the program or activity or that are unknown to the Releasees at the time of the program or activity.
4. The undersigned, individually and on behalf of the Student, their and the Student's heirs, legal representatives and assigns, fully accept and assume all risks and dangers associated with the Student's participation in the Center's programs and activities and all responsibility for any loss, liability, damage or expense, whenever arising or discovered, and for any claim or demand on account of, or relating to, any injury to the Student (of whatever extent or nature) and any damage to the Student's property, including injury, loss or damage (of whatever extent or nature).
5. In the event of injury to or sickness of the Student, the Center is authorized to provide the Student, at the expense of the undersigned, any medical or hospital care deemed necessary, and if deemed advisable, to arrange for the return of the Student to the custody of the undersigned, at the expense of the undersigned.
6. The undersigned, individually and on behalf of the Student, their and the Student's heirs, legal representatives and assigns, hereby release, waive, discharge and covenant not to sue the Center, the Center for Architecture, the AIA New York Chapter, their administrators, directors, officers, agents, volunteers and employees and any other participants in the Center's programs and activities (the "Releasees") from any liability, claims, demands, losses or damages (of whatever extent or nature) to the undersigned and to the Student however incurred or alleged to be incurred and hereby agree to indemnify the Releasees against any liability, claim, demand, loss or damage (of whatever extent or nature) on account thereof.

The undersigned has read this Consent, Release and Waiver of Liability and Indemnity Agreement, fully understands its terms, understands that the undersigned has given up substantial rights by signing this Agreement, and has signed this Agreement freely and voluntarily without any inducement, assurance or guarantee of any nature and intends the undersigned's signature to be a complete and unconditional release of all liability to the greatest extent allowed by law.

The undersigned also hereby gives permission to the Center for Architecture to take photographs of my child while he/she is engaging in the Center for Architecture's workshops, and grant the right to edit, use and re-use said products for any and all educational, public service or not-for-profit purposes selected by the Center for Architecture. I release any and all rights, titles and interest my child or I may have in said photographs, movies, video tapes, website productions, finished pictures, reproductions, copies or negatives of the same in connection with such uses.

Printed Name of Parent/Guardian

Signature

Date