



The American
Institute
of Architects

AUGUST 2017

Equity, Diversity, and Inclusion K–12 Architecture and Design Education Scan

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ACKNOWLEDGMENTS

Linsey Graff, Assoc. AIA
Brent Castro, Assoc. AIA
Greg Burke, AIA
Tiffany Millner, AIA
Paul Medrano, AIA

STAFF

Damon Leverett, AIA
Marcia Calloway
Jeffery Ostrander

Introduction

Background

The American Institute of Architects and its 2015–2016 National Diversity, Equity, and Inclusion Foundations (K–12) Subcommittee conducted a preliminary study to determine the scope and reach of K–12 architecture programs and engagement in the US.

The study started with 30 cities in 2015, and continued with additional cities and AIA components in 2016. It revealed many effective and vital programs run by local AIA components, architecture foundations, mentorship programs and others.

Study purpose

Those findings fulfill the study's purpose of showcasing the volume and scope of K–12 programs around the country. In addition, they act as a best-practices database that organizers of future programs can draw on for guidance. Finally, the study is a resource for K–12 students, parents, educators, counselors, and others who are searching for programs in their own areas.

Where is my program?

Inquiries were sent to components in most of the 50 largest US cities, and all components with more than 700 members. But this is a preliminary study because some programs may have been overlooked and others may be in redesign. Since we want a document that is as accurate as possible, we will update it periodically. Please contact Damon Leverett, AIA, at damonleverett@aia.org if you'd like to add or update a program.

Program profiles

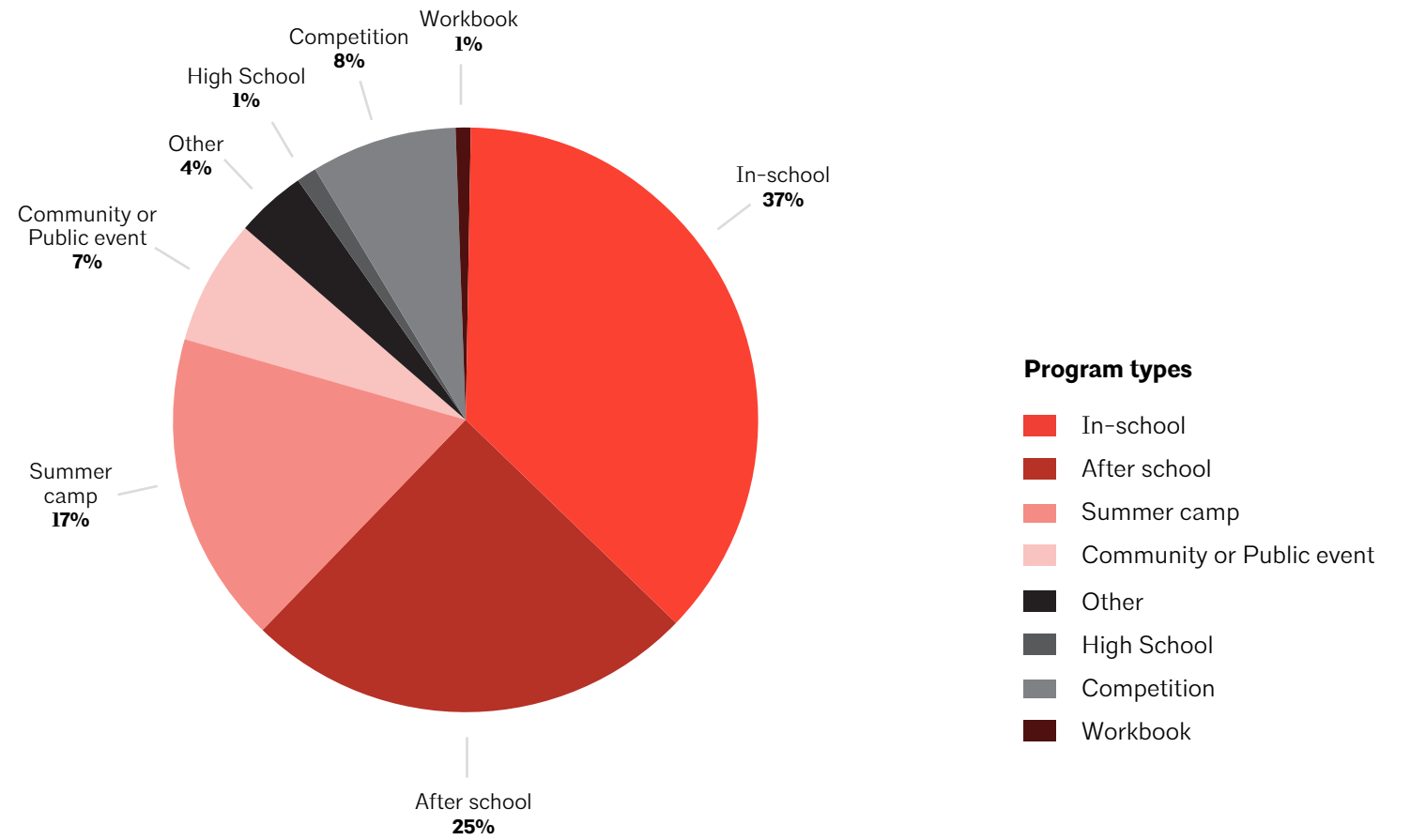
Programs identified varied greatly in size, target audiences, and the cost to participate. We found that many are organized by AIA chapters, but a similar number are sponsored by architecture foundations and centers, which often operate independently of components.

An important priority for AIA is the creation of more pipeline programs—avenues for entrance to the architecture profession by people who reflect our nation's rich mix of ethnic, cultural, religious, gender, and societal influences. An important step toward that goal is a compilation of findings such as this one; a means of analyzing strengths and gaps in existing pipeline programs.

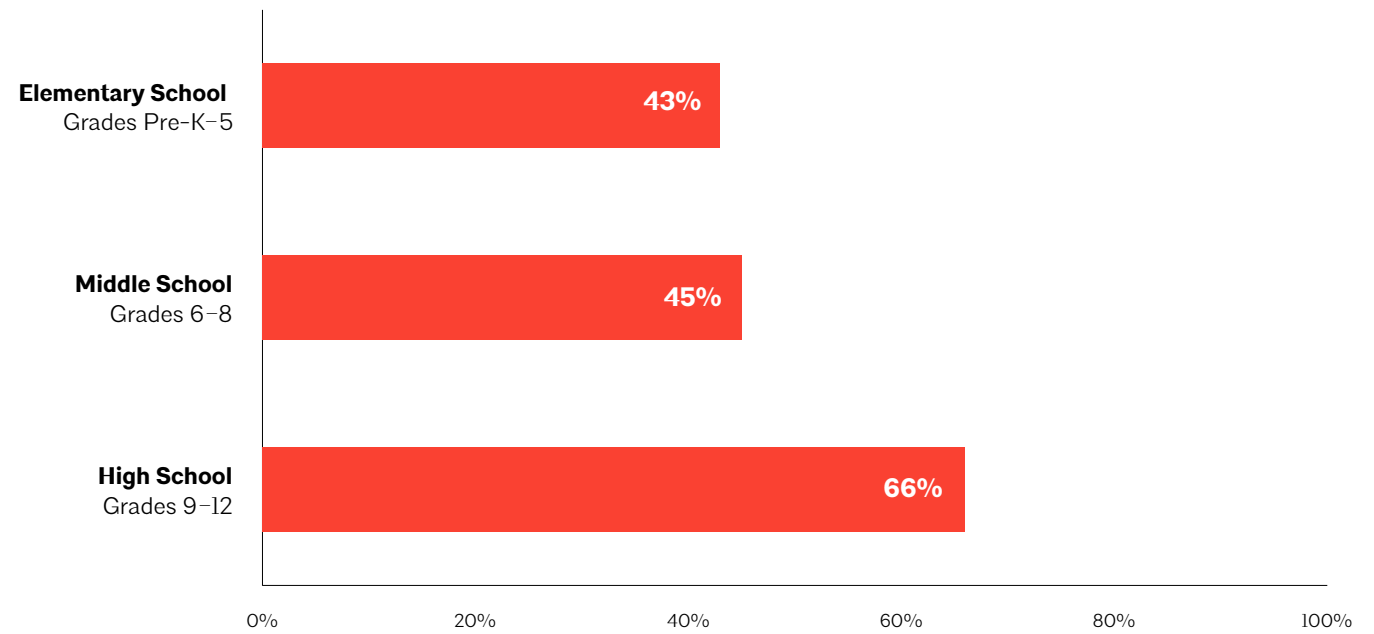
Program information

Our national survey asked for a range of information about each individual program, including a full description, costs and requirements to participate, and the program's relevance to equity, diversity, and inclusion objectives. Unless noted otherwise, the program is free of charge. If you'd like additional details, contact names and data are provided.

Programs by type



Programs by audience



Footnote: Many program types serve multiple audiences.

EQUITY, DIVERSITY, AND INCLUSION K-12 ARCHITECTURE & DESIGN EDUCATION SCAN

AIA components & foundations

SPONSOR**Mission statement**

AIA Phoenix Metro is the active voice for the profession and the value of Architecture through advocacy, communication and education of its members.

Contact information

Michelle Ray and Linda Soto

arizonakidsbuild@yahoo.com

<http://azkb.squarespace.com>

PROGRAM

Arizona Kids Build

Phoenix, Arizona

Program Description

Arizona Kids Build (AZKB) is taught by architects at Taliesin West, the former winter home of architect Frank Lloyd Wright and now the site of the Frank Lloyd Wright School of Architecture. Among other activities, students design and build a model of a personal structure that provides shelter from the elements, as well as physical and emotional comfort.

Students gain an understanding of how the built environment directly affects their own well-being and that of the natural environment. They learn and demonstrate an understanding of concepts such as sun angles, orientation, scale, and spatial needs.

We believe the program helps students understand the elements required in designing a human shelter in a desert environment, plus they learn how to think about the structures they interact with every day and consider not only how they feel about them, but also ways to improve them.

Equity, diversity, and inclusion

We have brought the AZKB program to several different public and private schools, the Phoenix Boys and Girls Club, plus a group of home-schooled children, and we have opened it up as a weekend camp that all children can attend. We have raised funds for scholarships so no one is denied the opportunity to participate in the program.

Quick facts

PROGRAM TYPE

Summer camp or day camp

TARGET AUDIENCE

Elementary School (Pre-K–Grade 5); Middle School (Grades 6–8)

COST TO PARTICIPATE

\$45

REQUIREMENTS TO PARTICIPATE

Grades 3–6

SPONSOR

AIA Phoenix Metro

SPONSOR**Mission statement**

The mission of the Architectural Foundation of San Francisco is to enhance the local community's awareness and appreciation of architecture and the design process.

Contact information

Alan Sandler

alan@afsf.org

<http://afsf.org/programs/build-san-francisco-institute>

PROGRAM

Build San Francisco Institute

San Francisco, California

Program Description

Build San Francisco Institute offers project-based collaborative learning during the school day. Students earn high school academic credit by applying high-end professional architectural tools in both physical and virtual model construction (e.g. Revit, 3DS Max, and other platforms) to meet real-world, challenges. We also place each student in a twice-weekly internship with private firms and public agencies, where a professional architect or engineer serves as his/her personal mentor.

Equity, diversity, and inclusion

Partnering with the public school district, we provide a non-traditional learning environment to create opportunities for students who have not succeeded in standard classroom situations. Our students are from an exceptionally broad range of backgrounds, and our collaborative model requires them to work with and learn from each other. We also create explicit opportunities for students to share and discuss aspects of their background, identity, and interests in a safe and supportive context.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
High School (Grades 9-12)

REQUIREMENTS TO PARTICIPATE
San Francisco Unified School District high school student in good standing

SPONSOR
Architectural Foundation of San Francisco

SPONSOR**Mission statement**

The mission of the Architectural Foundation of San Francisco is to enhance the local community's awareness and appreciation of architecture and the design process.

Contact information

Alan Sandler

alan@afsf.org

<http://afsf.org/programs/the-annual-architectural-design-competition-for-high-school-students>

PROGRAM

AFSF High School Design Competition

San Francisco, California

Program Description

High school students use their design skills, creativity, spatial and analytical thinking, and craftsmanship to meet real-world local design challenges in our exciting annual competition. With the guidance of instructors, students design a building or site and communicate their design solutions through drawings, models, and renderings. Recent challenges included a public performance space for the America's Cup, a pavilion to accompany the Super Bowl, and a makerspace for a new city park.

Equity, diversity, and inclusion

By reaching out to schools and teachers throughout the region, we encourage participation by students from all backgrounds.

Quick facts

PROGRAM TYPE
Design competition

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
Open to all high school students in the San Francisco Bay area

SPONSOR
Architectural Foundation of San Francisco

SPONSOR**Mission statement**

The mission of the Architectural Foundation of San Francisco is to enhance awareness and appreciation of architecture and the design process.

Contact information

Alan Sandler

alan@afsf.org

<http://afsf.org/programs/build-san-francisco-summer-design-institute>

PROGRAM

AFSF Summer Design Institute

San Francisco, California

Program Description

In a fun and fast-paced three-week summer program, the Summer Design Institute offers students an opportunity to develop design skills and create a portfolio of work that they can use for college entrance requirements and career opportunities. In this unique program, students learn drawing techniques, 3D modeling, photography and video skills, and work with a range of computer-aided design tools, including the Autodesk family of drawing, modeling, and animation software.

Equity, diversity, and inclusion

By reaching out through our network of alumni, counselors, teachers, and professionals, we actively recruit students of all backgrounds to participate.

Quick facts**PROGRAM TYPE**

Summer or day camp

TARGET AUDIENCE

High School (Grades 9–12)

COST TO PARTICIPATE

\$1,500

REQUIREMENTS TO PARTICIPATE

Open to all high school students in the San Francisco Bay Area.

SPONSOR

Architectural Foundation of San Francisco

SPONSOR



Mission statement

Our goal is to help build self-esteem and academic learning skills in underprivileged youth.

Contact information

Sidney Sweeney

info@aiaeb.org

<http://aiaeb.org>

PROGRAM

Youth Architecture Camp

Oakland, California

Program Description

A four-to-five day summer camp, offered with the Fam 1st Family Foundation, is designed to introduce the world of architecture and design to at-risk youth. The foundation believes in empowering children through education, literacy and self-esteem. AIA East Bay members develop programs and activities for the camp, as well as volunteer to assist on camp days.

Equity, diversity, and inclusion

This camp is for at-risk youth.

Quick facts

PROGRAM TYPE

Summer or day camp

TARGET AUDIENCE

Middle School (Grades 6-8)

REQUIREMENTS TO PARTICIPATE

Students from local middle schools that partner with the Fam 1st Family Foundation.

SPONSOR

Fam 1st Family Foundation and AIA East Bay

SPONSOR**Mission statement**

We seek to inspire people to explore our dynamic city, experience the importance of design to our quality of life, and envision an exceptional future for Denver.

Contact information

Tim Thomas

cal@denverarchitecture.org

<http://denverarchitecture.org/programs/education-in-the-schools>

PROGRAM

Cleworth Architectural Legacy Project

Denver, Colorado

Program Description

The goal of the Cleworth Architectural Legacy Project is to inspire students to see themselves as consumers and producers of architecture, guiding them to value shared ownership of their communities' built environments. The program brings architecture, design, and engineering into classrooms, approaching STEM concepts and arts education through hands-on activities. CAL provides participating teachers with in-depth training, curriculum, activity guides, DAF volunteers, and individualized support leading up to and throughout the duration of the eight-week program. Students learn design principles, observation techniques, model-making, mapping, illustrated planning, and how architecture contributes to our communities and quality of life.

Equity, diversity, and inclusion

CAL ensures socio-economic diversity of students by working with low-income and/or underserved schools (five participating classrooms in 2017 are in schools with free and reduced-price lunch rates above 50%).

Quick facts**PROGRAM TYPE**

In-school

TARGET AUDIENCE

Elementary School (Pre-K–Grade 5); Middle School (Grades 6–8); High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE

Denver public school; attendance at annual training workshop; scheduling of weekly one-hour classroom visits throughout spring quarter; co-teaching lessons in conjunction with design team; attendance at annual reception

SPONSOR

Denver Architectural Foundation

SPONSOR

Florida Foundation for Architecture

Mission statement

The Florida Foundation for Architecture exists to advocate the value of architecture to audiences beyond the profession.

Contact information

Lisa O'Donnell

LODonnell@aiafla.org

<http://aiafla.org>

PROGRAM

Architecture in Education

Tallahassee, Florida

Program Description

The Architecture in Education program seeks to teach the value of design and architecture within the built environment at an early age, regardless of future career paths.

Equity, diversity, and inclusion

All students enrolled in school are required to attend lessons, which are available to everyone.

Quick facts

PROGRAM TYPE

In-school

TARGET AUDIENCE

Elementary (Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE

Attendance is required as a part of the fourth and fifth grade curricula.

SPONSOR

Florida Foundation for
Architecture

SPONSOR**Mission statement**

AIA Miami has always stressed public awareness and appreciation of architecture and its related fields. Many of our activities strive to provide a venue where the architecture profession and the general public can meet and initiate conversations that allow Miami and the South Florida region to continue to emerge as a vibrant and diverse community, one where architecture and design play a vital role.

Contact information

Ricardo Mor

ricardo@aiamiami.org

<http://aiafla.org>

PROGRAM

Architects in the Making

Miami, Florida

Program Description

Campers are introduced, many for the first time, to architecture as an experience and as a profession. They gain invaluable experience through hands-on projects, and exploration of historic homes and design award-winning facilities in Miami. Students experience how their “building-block” ideas can flourish to become an actual project.

The curriculum takes students on a journey that combines the exciting world of construction with the creation of architecture, introducing students to the basic principles behind designing and building a home or building of their choice.

Equity, diversity, and inclusion

Participation is open to all elementary school students.

Quick facts

PROGRAM TYPE
Summer or day camp

TARGET AUDIENCE
Elementary School
(Pre-K–Grade 5)

COST TO PARTICIPATE
\$100

REQUIREMENTS TO PARTICIPATE
An interest in architecture

SPONSOR
AIA Miami

SPONSOR**Mission statement**

AIA Atlanta advances the quality of life in our communities through inspiration and leadership in both design and the built environment.

With more than 1,700 members throughout the Metropolitan Atlanta area, AIA Atlanta offers an array of programs and events, including continuing education, public policy and local advocacy, networking, and helping raise awareness among the public about the value of the work of architects in our communities.

Contact information

Melody Harclerode, AIA

mlharclerode@gmail.com

<http://aiaatl.org/discover-architecture>

PROGRAM

Discover ARCHITECTURE

Atlanta, Georgia

Program Description

Discover ARCHITECTURE brings together architect volunteers and elementary school art educators to share the joy and knowledge of architecture and design with 4th- and 5th-grade students. The nine-week, fun-filled, after school program was started in 2010 by an AIA Atlanta architect and her children's art teacher. The curriculum was incorporated into a book published by AIA Atlanta volunteers called Discover ARCHITECTURE, and the program inspired the producers of the YKK AP video, "I Am an Architect—Discover Architecture."

Equity, diversity, and inclusion

The program is located in economically, geographically, and racially diverse neighborhoods in Atlanta. The cost of our program in one school in a low-income district is funded by a benefactor. We provide at least one scholarship for each of our schools to ensure that talented students can benefit from the program, regardless of family income.

Quick facts

PROGRAM TYPE
After school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

COST TO PARTICIPATE
\$60 min. (scholarships available)

SPONSOR
AIA Atlanta

SPONSOR**Mission statement**

AIA Atlanta advances the quality of life in our communities through inspiration and leadership in both design and the built environment.

With more than 1,700 members throughout the Metropolitan Atlanta area, AIA Atlanta offers an array of programs and events, including continuing education, public policy and local advocacy, networking, and helping raise awareness among the public about the value of the work of architects in our communities.

Contact information

Jonathan Gould

JGould@nilesbolton.com

<http://aiaatl.org/hssdc>

PROGRAM

High School Student Design Competition

Atlanta, Georgia

Program Description

Now in its twelfth year, AIA Atlanta's High School Student Design Competition is open to high school students in Georgia. The program's primary goal is to engage those students in the design process, and educate them about the possibility of a career in architecture.

The 2016 competition welcomed projects from 139 students representing 28 high schools in the Metro Atlanta area. Those projects demonstrated a variety of design and presentation techniques, and each year entries get better and better.

Following the competition, we host a gallery of all the projects and announce the winners during a special ceremony.

Equity, diversity, and inclusion

This is an open competition throughout the state of Georgia.

Quick facts

PROGRAM TYPE
Design competition

TARGET AUDIENCE
High School (Grades 9-12)

SPONSOR
AIA Atlanta

SPONSOR**Mission statement**

AIA Atlanta brings leadership to the built environment. AIA Atlanta advances the quality of life in our communities through inspiration and leadership in both design and the built environment.

Contact information

Aaron Albrecht

archalbrecht@gmail.com

<http://aiaatl.org/youth-architecture-fair>

PROGRAM

Youth Architecture Fair

Atlanta, Georgia

Program Description

The Youth Architecture Fair, open to students in grades kindergarten through 12, is an exciting annual event allowing young minds to explore architecture and design concepts.

A guest speaker welcomes attendees and introduces the fair's theme for the year. Attendees then break into small teams led by architects and volunteers. In those groups, students are given program cards and begin sketching ideas for building their models. There is also a drawing charette exercise and storytelling. All students reconvene to present their models, and to open discussion on master planning and urban design.

The fair is a great learning experience for the students, allowing them to bring their ideas to life, and to create a gateway to architecture appreciation and the profession.

Equity, diversity, and inclusion

The program encourages participation from all city schools; we advertise to teachers, parents, and students. The fair is held at the High Museum, near public transportation, in order to draw from all income levels. There are also events catered to specific demographics and neighborhoods, to engage as many groups as possible.

Quick facts

PROGRAM TYPE

Summer or day camp

TARGET AUDIENCE

Elementary School (Pre-K–Grade 5); Middle School (Grades 6–8); High School (Grades 9–12)

SPONSOR

AIA Atlanta

SPONSOR**Mission statement**

As a resource for its members in service to society, AIA Chicago promotes positive change through the power of design.

Contact information

Allison Garwood Freedland

afreedland@aiachicago.org

<http://aiachicago.org>

PROGRAM

Architects in Schools

Chicago, Illinois

Program Description

Architects in Schools is an initiative focused on bringing architecture professionals into classrooms to introduce middle school students to the field of architecture and to discuss the broader theme of architecture as a change-maker. Volunteers engage the students in critically analyzing their neighborhoods in a search for opportunities to create positive change, and for utilizing architecture as a means for implementing solutions.

The program requires a six-week long commitment by each architect volunteer, with two to four architects visiting a single classroom once a week. The class periods range from 90 to 120 minutes. The curriculum consists of an introduction to architecture/design, design exercises, and a final group project.

Equity, diversity, and inclusion

The schools the program targets are those in underserved communities.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Middle School (Grades 6–8)

SPONSOR
AIA Chicago

SPONSOR**PROGRAM**

One-Day Design Days

Chicago, Illinois

Mission statement

As a resource for its members in service to society, AIA Chicago promotes positive change through the power of design.

Contact information

Allison Garwood Freedland

afreedland@aiachicago.org

<http://aiachicago.org>

Program Description

This one-day, design exercise is geared specifically toward 5th- and 6th-grade girls. AIA Chicago & CPS partner with a local university to host the design activity. The program offers a unique interactive opportunity to learn from AIA architects about the architectural profession. Design topics have ranged from redesigning State Street, to designing your own home, to green city planning. Lunch is provided by CPS. The program is entering its fifth year.

Equity, diversity, and inclusion

Targeted schools are from underserved communities with at least 75% of the population identified as low-income.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary School
(Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE
AIA and Chicago Public Schools (CPS) identify each participating school.

SPONSOR
AIA Chicago

SPONSOR**Mission statement**

We are focused on advancing the architecture profession and benefiting AIA members with:

- Expanded reach with a stronger voice
- Enhanced and broader educational opportunities
- Improved member benefits

Contact information

Jason Shelley

jshelley@aiaindiana.org

[http://hireaindianaarchitect.com/news-and-
notices/high-school-design-competition](http://hireaindianaarchitect.com/news-and-
notices/high-school-design-competition)

PROGRAM

AIA Indiana High School Design Competition

Indianapolis, Indiana

Program Description

The multi-faceted program is an engaging challenge for any student interested in art, architecture, drafting or interior design. For instance, a recent competition asked students to design a mixed-use urban food oasis.

Since 1971, this exciting and thought provoking statewide design competition has been an excellent vehicle for students to explore an interest in architecture and design—and it's been a great resume builder. It is hosted by AIA Indianapolis in an effort to encourage a future generation of architects to enter the design field, and to promote the importance of architecture and design to all.

Equity, diversity, and inclusion

The competition committee hosts a design workshop which is open and free to all students participating in the competition. This workshop provides guidance and support for students who may not have access to design education in their school.

Quick facts

PROGRAM TYPE
Design competition

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
Must be a high school student in the state of Indiana

SPONSOR
AIA Indianapolis

SPONSOR**Mission statement**

We are focused on advancing the architecture profession and benefiting AIA members with:

- Expanded reach with a stronger voice
- Enhanced and broader educational opportunities
- Improved member benefits

Contact information

Drew White, FAIA

dwhite@axisarch.com

<http://www.indplsartcenter.org/camps>

PROGRAM

Indianapolis Art Center Architecture Camp

Indianapolis, Indiana

Program Description

Students explore architecture through a week of problem-solving activities, freehand drawing, 3D modeling, model building, and presentation skills. Using new skills and working in teams led by professional architects and designers, they tackle a real-world design project in the local community. Doing so, they learn about architectural history, current trends, urban planning and landscape architecture. The intensive course concludes with individual presentations to local professionals and professors and an exhibition of student work.

Advanced students continue to develop their 3D design, concept design and model-building skills while exploring advanced topics such as programming, contextual design, sustainability, urban design, and urban ecology in architectural design.

Equity, diversity, and inclusion

The program is open to all.

Quick facts

PROGRAM TYPE

Summer or day camp

TARGET AUDIENCE

Middle School (Grades 6–8);
High School (Grades 9–12)

COST TO PARTICIPATE

\$347.65 Indianapolis Art Center
Member; \$409 Non-member

SPONSOR

AIA Indiana

SPONSOR**Mission statement**

Founded in 1871, AIA Baltimore serves as the voice of the architecture profession in the Baltimore metropolitan area. Our chapter consists of nearly 1,400 architects, emerging professionals, and allied industry members united to demonstrate the value of architecture and design to communities across our region.

Baltimore Architecture Foundation promotes public understanding and appreciation for Baltimore's architecture and built environment.

Contact information

Kathleen Lane

klane@aiabalt.com

<http://aiabaltimore.org/areas-of-interest/future-architects-resources>

PROGRAM

Future Architects Resources/Kids in Design

Baltimore, Maryland

Program Description

The Future Architects Resources Committee serves as a vehicle for collaboration among architects and educators (middle and secondary schools, universities, and community colleges) toward the education of future architects and enlightened citizens of the built environment. Further, the committee is dedicated to increasing exposure among local elementary and middle school students to career opportunities in architecture and design. The committee brochure is available [here](#).

Equity, diversity, and inclusion

We reach out to schools in underserved communities, and invite participation of AIA members from our Equity and Emerging Professionals Committees, as well as architecture students from Morgan State University, an historically black institution.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Middle School (Grades 6–8);
High School (Grades 9–12)

SPONSOR
AIA Baltimore/Baltimore
Architecture Foundation

SPONSOR**Mission statement**

Founded in 1871, AIA Baltimore serves as the voice of the architecture profession in the Baltimore metropolitan area. Our chapter consists of nearly 1,400 architects, emerging professionals, and allied industry members united to demonstrate the value of architecture and design to communities across our region.

Baltimore Architecture Foundation promotes public understanding and appreciation for Baltimore's architecture and built environment.

Contact information

Kathleen Lane

klane@aiabalt.com

<http://baltimorearchitecture.org/programs/kids-in-design/adopt-a-school>

PROGRAM

Adopt-a-School

Baltimore, Maryland

Program Description

The Adopt-a-School program fosters partnerships between local architecture firms and Baltimore City schools. In these close-knit partnerships, design professionals and educators work together to create comprehensive lessons about architecture, with a focus on Baltimore neighborhoods, encouraging students to think big about their communities and expand their horizons to careers in architecture.

Equity, diversity, and inclusion

We reach out to schools in underserved communities, and invite participation by members of AIA Baltimore's Equity and Emerging Professionals Committees, as well as architecture students from Morgan State University, an historically black institution.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Middle School (Grades 6–8);
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
A memo of understanding is required of participating schools and architecture firms.

SPONSOR
AIA Baltimore/Baltimore
Architecture Foundation

SPONSOR**Mission statement**

The mission of the BSA Foundation is to enhance public understanding of the built environment and the processes that shape it. With understanding, our communities will be better equipped to enrich and preserve our physical and natural surroundings.

Contact information

Polly Carpenter

pcarpenter@architects.org

<http://architects.org/bsaspace/programs-and-events/learning-design>

PROGRAM

Family Design Days

Boston, Massachusetts

Program Description

Family Design Days encourage children and adults to observe, explore, and design together. In these two-hour hands-on workshops, families are introduced to architecture and design through exhibition tours, walking tours, or slide shows, and then completion of a design activity. Architects and design educators lead the activities, which are focused on the built environment of Boston and the world. Family Design Days are held one Saturday a month at BSA Space (unless otherwise noted) and are designed for children ages five to 13 years old, accompanied by an adult.

Equity, diversity, and inclusion

This program reaches a broad audience of Bostonians through relationships with community organizations such as Big Brother/Big Sister, Boys and Girls Clubs etc. Architect volunteers also represent a broad demographic, including age, race and gender.

Quick facts

PROGRAM TYPE
Family event

TARGET AUDIENCE
Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8);
families

COST TO PARTICIPATE
\$8–\$10/person

SPONSOR
Boston Society of Architects/ AIA
+ BSA Foundation

SPONSOR**Mission statement**

The mission of the BSA Foundation is to enhance public understanding of the built environment and the processes that shape it. With understanding, our communities will be better equipped to enrich and preserve our physical and natural surroundings.

Contact information

Polly Carpenter

pcarpenter@architects.org

<http://www.architects.org/bsaspace/programs-and-events/learning-design>

PROGRAM

Student Design Days

Boston, Massachusetts

Program Description

Student Design Days are specially designed for home-school families to observe, explore, and design together. In these two-hour hands-on workshops, families are introduced to architecture and design through exhibition tours, walking tours, or slide shows, and they then complete a design activity. Architects and design educators lead the activities, focused on the built environment of Boston and the world. Student Design Days take place one weekday a month at BSA Space (unless otherwise noted) and are designed for children ages four to 15 years old.

Equity, diversity, and inclusion

This program reaches a broad audience of Bostonians through relationships with community organizations such as Big Brother/Big Sister, Boys and Girls Clubs etc. Architect volunteers also represent a broad demographic, including age, race and gender.

Quick facts

PROGRAM TYPE
After school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8);
High School (Grades 9–12)

COST TO PARTICIPATE
\$18–\$25/class

SPONSOR
BSA Foundation + Boston Society
of Architects/AIA

SPONSOR**Mission statement**

The mission of the BSA Foundation is to enhance public understanding of the built environment and the processes that shape it. With understanding, our communities will be better equipped to enrich and preserve our physical and natural surroundings.

Contact information

Polly Carpenter

pcarpenter@architects.org

<http://architects.org/bsaspace/programs-and-events/kidsbuild>

PROGRAM

KidsBuild!

Boston, Massachusetts

Program Description

Held over a weekend in April, KidsBuild! is the largest family event of the BSA Foundation/ Boston Society of Architects/AIA. Guided by volunteer design professionals, families choose a construction site from a fictional city grid, design and build a building, and are awarded a certificate of occupancy from the city building inspectors. Geared for children age 5–13, KidsBuild! helps children understand and formulate ideas about architecture and design as they build a city from the ground up. More than 800 people participated in KidsBuild! in 2016.

Equity, diversity, and inclusion

This free program reaches a broad audience of Bostonians through relationships with community organizations such as Big Brother/Big Sister, Boys and Girls Clubs etc. Architect volunteers also represent a broad demographic, including age, race and gender.

Quick facts

PROGRAM TYPE
Family event

TARGET AUDIENCE
Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8)

REQUIREMENTS TO PARTICIPATE
Adult caregiver must participate

SPONSOR
Boston Society of Architects/ AIA
+ BSA Foundation

SPONSOR**Mission statement**

The mission of the BSA Foundation is to enhance public understanding of the built environment and the processes that shape it. With understanding, our communities will be better equipped to enrich and preserve our physical and natural surroundings.

Contact information

Polly Carpenter

pcarpenter@architects.org

<http://www.architects.org/bsaspace/events>

PROGRAM

Kindergarten Presentations at Boston Public Schools

Boston, Massachusetts

Program Description

An architect uses a standard presentation, including a kit of objects, to give kindergarten students a fun, hands-on experience with architecture and design. The architect typically visits the classroom for two 45-minute sessions. Presentations are coordinated with the Boston Public Schools “Construction” curriculum unit that every kindergarten class follows in the spring.

Equity, diversity, and inclusion

The Boston Public Schools educate more than 56,000 students in 125 schools—74% of the school-age children who live in Boston. BPS is one of the most diverse school districts in the nation. Nearly one in every two students speaks a language other than English at home, and students come from 139 different countries. One in five BPS students has a disability, and half are economically disadvantaged.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

SPONSOR
Boston Society of Architects/ AIA
+ BSA Foundation

SPONSOR

Michigan Architectural Foundation

Mission statement

Advancing public awareness and understanding of how architecture enriches life.

Contact information

Evelyn Dougherty

evelyn@aiami.com

<http://k5architecture.org>

PROGRAM

Architecture: It's Elementary

Detroit, Michigan

Program Description

This web-based guidebook for teachers includes 10 lesson plans for each elementary school year, from kindergarten through grade five. The curriculum introduces children to the study of architecture and the built environment, encompassing art, social studies, language arts, history, science and math. These lessons engage children's bodies, minds, and imaginations to explore how buildings and cities are designed and built. Lessons appeal to the various learning styles of children as they look, explore, think and design. In considering how to create functional, safe and appealing environments, children develop skills of observation, reasoning and critical thinking. These tools will help them develop an appreciation and respect for the built environment.

Equity, diversity, and inclusion

The lessons combine individual and group activities that are adapted to each school's individual needs and interests.

Quick facts

PROGRAM TYPE

In-school, Workbook

TARGET AUDIENCE

Elementary (Pre-K–Grade 5)

SPONSOR

Michigan Architectural Foundation

SPONSOR



Mission statement

Advancing a vital profession, vibrant communities, and architecture that endures.

Contact information

Angie McKinley

mckinley@aia-mn.org

<http://aia-mn.org>

PROGRAM

Spaces + Places: Everyday Landmarks

Minneapolis, Minnesota

Program Description

This activity book introduces some of the foundational concepts and terms of architecture and design through activities, facts, and exercises. It strives to spark interest in architecture and design and to serve as a conversation starter.

Equity, diversity, and inclusion

Our organization seeks to engage students who are underserved in the community and under-represented in the architecture profession by introducing them to design and informing them about the future career possibilities in the industry.

Quick facts

PROGRAM TYPE
Workbook

TARGET AUDIENCE
Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8)

SPONSOR
AIA Minnesota

SPONSOR**Mission statement**

AIA Kansas City provides services and benefits that empower architects to create environments that enhance quality of life and our collective future.

Contact information

Tiffany Shepherd

tiffany@aiakc.org

<http://aiakc.org>

PROGRAM

Introduction to Architecture

Kansas City, Missouri

Program Description

This program gives students a basic introduction to what architecture is, what architects do and how to become an architect. Programs can be customized to meet unique needs. The suggested format includes a brief presentation, followed by a hands-on activity where student teams use creativity to design a unique project. Mentors from AIA Kansas City work with students to encourage active problem solving and soft skills such as leadership, collaboration, and teamwork. Communication skills are also incorporated into short, fun, student-led presentations. Typical program length is 45–60 minutes.

Equity, diversity, and inclusion

The goal of the program is to expose students in underserved urban areas to design, to learn what it is, to understand the impact it has on their everyday lives, and to introduce them to careers in architecture and design.

Quick facts

PROGRAM TYPE

In-school

TARGET AUDIENCE

Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8)

REQUIREMENTS TO PARTICIPATE

Must be a school in the Kansas
City Metro area, either Missouri
or Kansas

SPONSOR

AIA Kansas City

SPONSOR**Mission statement**

AIA Kansas City provides services and benefits that empower architects to create environments that enhance quality of life and our collective future.

Center for Architecture & Design is a collective of design-minded individuals who recognize the impact and value of design in our everyday lives. The Center serves as a forum for discussion, collaboration and the promotion of quality design through programs, lectures, education and advocacy. The Center recognizes and advances the contribution of multiple design disciplines and promotes the professions to future generations.

Contact information

Tiffany Shepherd

tiffany@aiakc.org

<http://cfadkc.org>

PROGRAM

Introduction to Design Careers

Kansas City, Missouri

Program Description

Students are introduced to a variety of design careers, including architecture, planning, landscape architecture, interior design and graphic design, and they participate in a design charrette in this exciting half-day program. They learn about what design is, why it is important and they learn to use design thinking. Students are divided into groups and assigned the roles of architect, landscape architect, planner, interior designer, or graphic designer and work together and with professional volunteers from the Center for Architecture & Design to design an outdoor space for their school. Each group makes a presentation of its final ideas at the end of the day. This program is also available in a shorter format for teacher training sessions.

Equity, diversity, and inclusion

The goal of the program is to expose students in underserved urban areas to design—to learn what it is, to understand the impact it has on their everyday lives, and to introduce them to careers in design.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Middle School (Grades 6–8);
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
Must be a middle or high school
in the urban core of Kansas City,
MO or Kansas City, KS

SPONSOR
AIA Kansas City and the Center
for Architecture & Design

SPONSOR**Mission statement**

AIA Kansas City provides services and benefits that empower architects to create environments that enhance quality of life and our collective future.

Center for Architecture & Design is a collective of design-minded individuals who recognize the impact and value of design in our everyday lives. The Center serves as a forum for discussion, collaboration and the promotion of quality design through programs, lectures, education and advocacy. The Center recognizes and advances the contribution of multiple design disciplines and promotes the professions to future generations.

Contact information

Tiffany Shepherd

tiffany@aiakc.org

<http://cfadkc.org>

PROGRAM

Explore Design!

Kansas City, Missouri

Program Description

In this nine-session program, students collaborate with volunteer design professionals from the Center for Architecture & Design to:

- Explore a variety of design careers, including architecture, planning, landscape architecture, interior design and graphic design
- Experience hands-on activities such as scavenger hunt tours and designing and building fun projects
- Learn to think like a designer, which enables students to use problem-solving skills they can apply to both their academic and daily activities
- Discover that design is something they encounter in every aspect of their lives
- Understand how designers use STEAM (science, technology, engineering, art and math) in their daily jobs
- Develop critical skills such as communication and presentation, working on a team, and collaboration

Each session is 90 minutes.

Equity, diversity, and inclusion

The goal for our program is to expose students in underserved urban areas to design—to learn what it is, to understand the impact it has on their everyday lives, and to introduce them to careers in design.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Middle School (Grades 6–8)

REQUIREMENTS TO PARTICIPATE
Must be a middle school/
junior high located in the urban
core of Kansas City, MO or
Kansas City, KS

SPONSOR
AIA Kansas City and the Center
for Architecture & Design

SPONSOR**Mission statement**

AIA Las Vegas supports the southwest region's unique group of design and construction industry professionals who are involved in all aspects of design and practice from small residential projects to large national and international work for public, private, and institutional clients.

Contact information

Randy Lavigne, Hon. AIA

rlavigne@aianevada.org

<http://www.aialasvegas.org>

PROGRAM

AIA Las Vegas High School Design Awards

Las Vegas, Nevada

Program Description

Every year, AIA Las Vegas presents a new "design challenge" to drafting, architecture and art classes in Clark County High Schools. Working with the instructors of those classes, we provide advisers to mentor and work with the students in their resolution of the design challenge. In April, the students submit their projects to a jury and are recognized for their design accomplishments at an Awards Program. The Awards Program is held at the UNLV School of Architecture, providing an opportunity for the students, their parents, and their instructors to visit the school and learn more about educational requirements and career paths for architects.

Equity, diversity, and inclusion

All high school students are welcome to participate.

Quick facts

PROGRAM TYPE
Design competition

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
An interest in design and architecture

SPONSOR
AIA Las Vegas

SPONSOR**Mission statement**

AIA Las Vegas supports the southwest region's unique group of design and construction industry professionals who are involved in all aspects of design and practice from small residential projects to large national and international work for public, private, and institutional clients.

Contact information

Randy Lavigne, Hon. AIA

rlavigne@aianevada.org

<http://www.aialasvegas.org>

PROGRAM

AIA Las Vegas School Outreach Program

Las Vegas, Nevada

Program Description

AIA Las Vegas architect and Associate members select schools and classes in the Clark County School District, then arrange with the instructors/teachers to visit classrooms and talk with students about architecture and design. The architects and Associate members share information about their projects and their experiences in designing and constructing them and answer questions from the students on how to become an architect.

Equity, diversity, and inclusion

All members are encouraged to participate and visit with students in schools and classrooms of all socio-economic levels.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8)

REQUIREMENTS TO PARTICIPATE
Classrooms selected by an
architect or associate members
of AIA Las Vegas

SPONSOR
AIA Las Vegas

SPONSOR**AIA**
New Hampshire**Mission statement**

The mission of AIA New Hampshire is to illuminate the profession of architecture through advocacy, public outreach, education, fellowship, stewardship of our environment, and recognition of design excellence.

Contact information

Bonnie Kastel

bkastel@aianh.org

[http://aianh.org/education/outreach/
learning-by-design](http://aianh.org/education/outreach/learning-by-design)

PROGRAM

Shoebox Clubhouse

New Hampshire

Program Description

This fourth-grade program consists of three class sessions leading to the creation of a “Shoebox Clubhouse” by each child. Students select and design their own clubhouses. Each child’s imagination and passion direct the result. Clubhouses could be for ski teams, soccer teams, Girl Scout troops, or any other purpose the children can imagine.

Equity, diversity, and inclusion

This class is structured to give children an outlet for their imagination and to develop the skills of measuring, model building, and spatial understanding. It is open to all fourth-graders in schools throughout New Hampshire.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE
This program is designed for fourth-grade students.

SPONSOR
AIA New Hampshire

SPONSOR**AIA**
New Hampshire**Mission statement**

The mission of AIA New Hampshire is to illuminate the profession of architecture through advocacy, public outreach, education, fellowship, stewardship of our environment, and recognition of design excellence.

Contact information

Bonnie Kastel

bkastel@aianh.org

[http://aianh.org/education/outreach/
learning-by-design](http://aianh.org/education/outreach/learning-by-design)

PROGRAM

Neighborhood Walking Tours

New Hampshire

Program Description

Neighborhood Walking Tours is a self-discovery program for students and teachers. During the course of this program, students tour their home and school neighborhoods and ultimately, the neighborhood that best represents their city. AIA New Hampshire volunteers and the classroom teachers develop a workbook of activities that guide the students to an understanding of the architectural design, city/planning, and people processes that influence how our cities work.

Equity, diversity, and inclusion

The Neighborhood Walking Tours program provides educators with a very specific and manageable approach to discovering the built environment. The student and educator become a part of the process, thus making the experience a personalized one for each school, each neighborhood, and each city.

Quick facts

PROGRAM TYPE
Community event

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE
This program is designed for fourth-grade students.

SPONSOR
AIA New Hampshire, NH
Architecture Foundation

SPONSOR**Mission statement**

The mission of AIA New Hampshire is to illuminate the profession of architecture through advocacy, public outreach, education, fellowship, stewardship of our environment, and recognition of design excellence.

Contact information

Bonnie Kastel

bkastel@aianh.org

[http://aianh.org/education/outreach/
learning-by-design](http://aianh.org/education/outreach/learning-by-design)

PROGRAM

Box City

New Hampshire

Program Description

Our Box City program is an inspiring event—an interdisciplinary program in which single grades or whole schools work together to design and build a scale-model town from the ground up. Children answer the question “What makes a good city?” and learn how they can participate in improving their built and natural environments. AIA New Hampshire architects and volunteers coordinate the event and oversee the program.

Equity, diversity, and inclusion

The Box City program provides educators with a very specific and manageable approach to discovering the built environment. The student and educator become a part of the process, thus making the experience a personalized one for each school, each neighborhood, and each city.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE
This program is open to all elementary schools in New Hampshire

SPONSOR
AIA New Hampshire, NH
Architecture Foundation

SPONSOR**Mission statement**

The mission of AIA New Hampshire is to illuminate the profession of architecture through advocacy, public outreach, education, fellowship, stewardship of our environment, and recognition of design excellence.

Contact information

Bonnie Kastel

bkastel@aianh.org

[http://aianh.org/education/outreach/
high-school-design](http://aianh.org/education/outreach/high-school-design)

PROGRAM

AIANH High School Design Competition

New Hampshire

Program Description

The AIA New Hampshire High School Design Competition consists of designing a specific project, which changes every year. The program requires students to work on a theoretical project throughout the school year under the guidance of their instructors. AIANH volunteer architects visit the schools when possible to give critiques before the submissions are due. The program involves a design solution, a three-dimensional model, and a graphic plan of the project.

Objectives of the program are to increase awareness of the relationships between space, human scale and function; gain experience in recognizing the various challenges in planning and designing indoor and outdoor spaces for specific uses; exercise analytical abilities and creativity in solving the problems; and gain experience in communicating planning and design ideas using scale drawings and models.

Equity, diversity, and inclusion

The competition gives students a fun opportunity to develop important skills and to learn about the various aspects of planning and design.

All New Hampshire high school students are encouraged to participate. Students can work individually or in teams of two or three. Top winners receive cash awards to help with their college education.

Quick facts

PROGRAM TYPE
Design competition

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
This program is designed for high school students.

SPONSOR
AIA New Hampshire, NH
Architecture Foundation

SPONSOR**Mission statement**

The mission of AIA New Hampshire is to illuminate the profession of architecture through advocacy, public outreach, education, fellowship, stewardship of our environment, and recognition of design excellence.

Contact information

Bonnie Kastel

bkastel@aianh.org

<http://aianh.org/education/outreach>

PROGRAM

NHAF Presentations for High School Classrooms

New Hampshire

Program Description

AIA New Hampshire and the NH Architecture Foundation have produced a series of videos presented by architects and geared for high school students. The talks cover architectural design, the profession, and how each presenter got where they are today. They may be downloaded and used in high school classrooms. Each session is approximately 35–45 minutes.

Equity, diversity, and inclusion

This program shows high school students architects who vary by age, gender, and ethnicity, and who explain how they became architects. It demonstrates that architecture is a profession open to all and a career path in which anyone can make a difference in their communities.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
This program is designed for high school students.

SPONSOR
AIA New Hampshire, NH
Architecture Foundation

SPONSOR

Buffalo Architecture Foundation

Mission statement

Buffalo Architecture Foundation, Inc. (BAF) is a not-for-profit, public charity dedicated to inspiring the exploration and appreciation of architecture and how it shapes our lives. BAF's mission is implemented through educational activities for school-aged children and public awareness events engaging citizens of all ages.

Contact information

Luke Johnson

info@buffaloarchitecture.org

<http://buffaloarchitecture.org/programs/architecture-education>

PROGRAM

Architecture + Education

Buffalo, New York

Program Description

Running biennially, the Architecture + Education Program uses architecture to teach students math, science, history, art, and technology aligned with the Common Core, while raising awareness and appreciation of the built environment. Children are introduced to the profession of architecture, local practicing professionals, and the distinctive way of viewing the world and tackling problems through architecture as a tool. The program's success lies in the collaboration between Buffalo Public School teachers, University at Buffalo and Buffalo State College students, and volunteer architects working collaboratively.

Equity, diversity, and inclusion

The program works with primarily under-represented groups in Buffalo public schools and was awarded the 2013 AIA National Diversity Recognition Program Award for promoting and supporting diversity in the profession of architecture.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8);
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
Selected classrooms from the
Buffalo Public School District

SPONSOR
Buffalo Architecture Foundation

SPONSOR

Buffalo Architecture Foundation

Mission statement

Buffalo Architecture Foundation, Inc. (BAF) is a not-for-profit, public charity dedicated to inspiring the exploration and appreciation of architecture and how it shapes our lives. BAF's mission is implemented through educational activities for school-aged children and public awareness events engaging citizens of all ages.

Contact information

Luke Johnson

info@buffaloarchitecture.org

<http://buffaloarchitecture.org/programs/education/native-american-programming>

PROGRAM

Native American Programming

Buffalo, New York

Program Description

Running annually, this program is a three-day workshop at Lake Shore Middle School that introduces architecture and design concepts to students. Students have learned about Navajo planning principles and built models of a Hogan, which is a traditional dwelling of the Navajo people.

Equity, diversity, and inclusion

We work exclusively with Native American students, 90% of whom are girls, for this program.

Quick facts

PROGRAM TYPE
After school

TARGET AUDIENCE
Middle School (Grades 6–8)

REQUIREMENTS TO PARTICIPATE
Lake Shore Middle School Title VII students

SPONSOR
Buffalo Architecture Foundation

SPONSOR

Buffalo Architecture Foundation

Mission statement

Buffalo Architecture Foundation, Inc. (BAF) is a not-for-profit, public charity dedicated to inspiring the exploration and appreciation of architecture and how it shapes our lives. BAF's mission is implemented through educational activities for school-aged children and public awareness events engaging citizens of all ages.

Contact information

Luke Johnson

info@buffaloarchitecture.org

<http://buffaloarchitecture.org/programs/education/youth-family-workshops/>

PROGRAM

Youth and Family Workshops

Buffalo, New York

Program Description

In partnership with the restoration entity that operates Frank Lloyd Wright's Martin House, the Buffalo Architecture Foundation provides free youth and family workshops for citizens of Buffalo and the Greater Western New York area. Participants explore Buffalo's built environment through hands-on activities and engaging dialogue intended for the whole family. Sessions are offered during summer weekends.

Equity, diversity, and inclusion

We work in community centers on the East Side and West Side of Buffalo, where demographics are almost entirely African American and refugee.

Quick facts

PROGRAM TYPE
Family event

TARGET AUDIENCE
Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8);
High School (Grades 9–12)

SPONSOR
Buffalo Architecture Foundation

SPONSOR**Mission statement**

The Center for Architecture promotes public understanding and appreciation of architecture and design through educational programs for K-12 students and teachers, families, and the general public.

Contact information

Holly Beacham

info@cfafoundation.org

<http://cfafoundation.org>

PROGRAM

Summer @ the Center

New York, New York

Program Description

In this program, each week-long summer session explores a different topic in architecture and design through art and building activities, design challenges, and special site visits. The program is for students entering grades 3-12 in the fall.

Equity, diversity, and inclusion

We offer need-based scholarships.

Quick facts

PROGRAM TYPE
Summer camp

TARGET AUDIENCE
Elementary (Pre-K-Grade 5);
Middle School (Grades 6-8);
High School (Grades 9-12)

COST TO PARTICIPATE
\$600/week

SPONSOR
Center for Architecture

SPONSOR**Mission statement**

The Center for Architecture promotes public understanding and appreciation of architecture and design through educational programs for K-12 students and teachers, families, and the general public.

Contact information

Holly Beacham

info@cfafoundation.org

<http://cfafoundation.org>

PROGRAM

After School @ the Center

New York, New York

Program Description

Discover your inner architect in this weekly after-school program for students in grades 3–5. We'll explore a different aspect of architecture each week as we study local buildings, learn about structure and design, and create our own architectural masterpieces. Offered for 10 weeks in the fall and spring.

Quick facts

PROGRAM TYPE
After school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

COST TO PARTICIPATE
\$350

REQUIREMENTS TO PARTICIPATE
Grades 3–5

SPONSOR
Center for Architecture

SPONSOR**Mission statement**

The Center for Architecture promotes public understanding and appreciation of architecture and design through educational programs for K-12 students and teachers, families, and the general public.

Contact information

Holly Beacham

info@cfafoundation.org

<http://cfafoundation.org>

PROGRAM

Studio @ the Center

New York, New York

Program Description

Young people explore architecture through design projects, field trips, and building activities during these three-day sessions at the Center for Architecture. Sessions meet Tuesday to Thursday, 9 am to 4 pm, during winter and spring school vacations.

Equity, diversity, and inclusion

We offer need-based scholarships.

Quick facts**PROGRAM TYPE**

Other

TARGET AUDIENCE

Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8)

COST TO PARTICIPATE

\$350

REQUIREMENTS TO PARTICIPATE

Students in grades 3–8.

SPONSOR

Center for Architecture

SPONSOR**CENTER FOR
ARCHITECTURE****Mission statement**

The Center for Architecture promotes public understanding and appreciation of architecture and design through educational programs for K-12 students and teachers, families, and the general public.

Contact information

Holly Beacham

info@cfafoundation.org

<http://cfafoundation.org>

PROGRAM

Learning by Design

New York, New York

Program Description

Our classroom residency programs introduce students to architecture and design through a series of hands-on workshops developed and taught by our design educators, in collaboration with classroom teachers. We use architecture and design as vehicles for fostering learning and discovery across core subject areas, cultivating students' observation skills, critical thinking, problem solving, and creativity.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary (Pre-K-Grade 5);
Middle School (Grades 6-8);
High School (Grades 9-12)

COST TO PARTICIPATE
Varies

REQUIREMENTS TO PARTICIPATE
Grades 3-5

SPONSOR
Center for Architecture

SPONSOR**AIA**
Columbus**Mission statement**

AIA Columbus is a visionary membership organization providing advocacy, leadership, and resources to architects to design a better world.

Contact information

Sarah Bacha

sarah-bacha@columbuscfad.org

<http://columbuscfad.org/camp-architecture>

PROGRAM

Camp Architecture

Columbus, Ohio

Program Description

Camp Architecture is a summer camp for central Ohio youth in grades 3–8. It introduces them to the world of architecture and design. During each weekly, day-long camp session, campers are exposed to architecture and the associated fields of interior design, landscape design, and city and regional planning through field trips, hands-on projects, imaginative games, and presentations by professionals in various fields. Our goals are to enhance knowledge; develop creative ideas, leadership, and team-building skills; build confidence; and plant the seeds for a life-long appreciation of architecture and design.

Equity, diversity, and inclusion

Each year, we offer need-based scholarships for Camp Architecture sessions to diversify the youth our program serves. To help us identify qualified candidates, we have established relationships with officials and teachers at charter and public schools that serve students from disadvantaged areas of Columbus. We fund scholarships (about 20% of campers) through donations from businesses, organizations, and grants.

Quick facts

PROGRAM TYPE

Summer or day camp

TARGET AUDIENCE

Elementary (Grades Pre-K–Grade 5); Middle School (Grades 6–8)

COST TO PARTICIPATE

\$325/week

REQUIREMENTS TO PARTICIPATE

Grades 3–8

SPONSOR

AIA Columbus/Center for Architecture and Design

SPONSOR**Mission statement**

AIA Columbus is a visionary membership organization providing advocacy, leadership, and resources to architects to design a better world.

Contact information

Sarah Bacha

sarah-bacha@columbuscfad.org

<http://columbuscfad.org/camp-architecture>

PROGRAM

High School Design Studio

Columbus, Ohio

Program Description

High School Design Studio focuses on teaching students the fundamentals of design and sketching in order to set a foundation in the fields of architecture, interior design, industrial design, landscape architecture, and city and regional planning. Throughout the camp, each student documents his or her work and leaves camp with digital documentation of that work, for possible inclusion in portfolios.

Equity, diversity, and inclusion

Each year, we offer need-based scholarships for High School Design Studio sessions to diversify the youth our program serves. To help us identify qualified candidates, we have established relationships with officials and teachers at charter and public schools that serve students from disadvantaged areas of Columbus. By diversifying the students who attend the camp, it is our hope that we are likewise diversifying the makeup of design professions in the future.

Quick facts

PROGRAM TYPE

Summer or day camp

TARGET AUDIENCE

High School (Grades 9–12)

COST TO PARTICIPATE

\$550/two weeks

REQUIREMENTS TO PARTICIPATE

Must be in grade level 9–12

SPONSOR

AIA Columbus/Center for Architecture and Design

SPONSOR**Mission statement**

To promote excellence in our physical environment by educating our community to recognize it, design professionals to provide it, and by doing projects that demonstrate it.

Contact information

Melissa Hunt

okcarchitecture@cox.net

<http://okcarchitecture.com>

PROGRAM

KIDesign

Oklahoma City, Oklahoma

Program Description

KIDesign is an introduction to architecture and design in the world around us. Students in grades 1–6 participate in various activities as they learn, create, and design their own projects with members of the local architectural community.

Equity, diversity, and inclusion

We reach out to diverse organizations around the Oklahoma City Metro area.

Quick facts

PROGRAM TYPE
Community event

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE
Registration form, including a student drawing representing what architecture is to him or her.

SPONSOR
Oklahoma City Foundation for Architecture

SPONSOR

Architecture Foundation of Oregon

Mission statement

The Architecture Foundation of Oregon supports Oregon's quality of life and creates awareness of our designed environments through education, engagement, philanthropy & inspiration.

Contact information

Candice Agahan

candice@af-oregon.org

<http://af-oregon.org/architects-in-schools>

PROGRAM

Architects in Schools

Oregon

Program Description

Architects in Schools matches professional architects and other design professionals with elementary school teachers for a six-week classroom residency of approximately one–two hours a week per class. Students learn important skills through lessons that include cooperation and planning, connected to the Oregon state, Common Core and New Generation Science standards, and which help them gain a better sense of how school relates to the “real world.” Design professionals share their passion and knowledge with students eager to learn!

Equity, diversity, and inclusion

Open to all who are interested

Quick facts**PROGRAM TYPE**

In-school

TARGET AUDIENCE

Elementary (Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE

Priority is given to schools with no more than two classes of the same grade participating in the program. No more than 39 students per class, and preference is given to grades 3–5. Participating teacher(s) must be willing to work with the design professional as a team.

SPONSOR

Architecture Foundation of Oregon

SPONSOR



Mission statement

AIA Austin improves our community by advancing the value of architecture.

Contact information

Ingrid Spencer

ingrid@aiaaustin.org

<http://aiaaustin.org>

PROGRAM

Architects in Schools

Austin, Texas

Program Description

The AIA Austin Architecture in Schools program seeks to educate elementary school citizens about the virtues of the profession of architecture.

Equity, diversity, and inclusion

We work with schools in a variety of neighborhoods all around Austin.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE
A willing teacher

SPONSOR
AIA Austin

SPONSOR**Mission statement**

AIA Dallas, the seventh largest chapter of The American Institute of Architects, empowers architects to excel, and to have an impact on their practice, profession and community. AIA Dallas has a membership base of more than 2,000 professionals and 300 architectural firms.

Contact information

Chiara Bonsignori

chiara.bonsignor@corgan.com

<http://aiadallas.org/v/blog-detail/Expanding-Your-Horizons-with-WiA/jo>

PROGRAM

Expanding Your Horizons with WiA

Dallas, Texas

Program Description

Expanding Your Horizons is an annual conference organized to help middle school girls in our community learn more about careers in architecture and other fields related to science, technology, engineering, and math (STEM). During the workshop, STEM professionals offer inspiration and motivate girls to pursue careers as innovative and creative thinkers.

Equity, diversity, and inclusion

Our program is targeted to girls, especially those of color who have an interest in architecture.

Quick facts

PROGRAM TYPE
Other

TARGET AUDIENCE
Middle School (Grades 6–8)

REQUIREMENTS TO PARTICIPATE
Interest in STEM

SPONSOR
AIA Dallas

SPONSOR**Mission statement**

AIA Dallas, the seventh largest chapter of The American Institute of Architects, empowers architects to excel and to have an impact on their practice, profession and community. AIA Dallas has a membership base of more than 2,000 professionals and 300 architectural firms.

Contact information

Mat Wolf

mat@aiahouston.org

<http://aiahouston.org/v/site-home/Kids-and-Architecture/3i>

PROGRAM

Kids in Architecture

Houston, Texas

Program Description

Kids and Architecture is a five-week, in-classroom program for middle school students. Practicing architects visit the classroom for an hour each week, introducing basic architectural concepts and design skills. Students complete exercises such as bubble diagrams and model building with the architects, as well as weekly homework assignments with the assistance of their teachers. After four weeks in the classroom, students work in teams to design a dream home or new school as a final project. In the fifth week, students travel to the architects' office and present their final projects.

Equity, diversity, and inclusion

We reach out to all ethnic groups.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Middle School (Grades 6–8)

SPONSOR
AIA Dallas

SPONSOR**Mission statement**

AIA Houston is the local chapter of the American Institute of Architects. AIA Houston is a community of architects coming together to accomplish things in our practices and in our communities that no single architect can do alone.

Contact information

Natasha Shamshiri

natasha@kirksey.com

<http://aiahouston.org/v/site-home/Michael-G-Meyers-Design-Competition/3k>

PROGRAM

Michael G. Meyers Design Competition

Houston, Texas

Program Description

An annual ideas competition with an emphasis on creative problem solving and graphic presentation, the competition is a series of events to help the students learn basic architectural design skills and understand the competition requirements. All Houston-area high school students are eligible to participate regardless of class affiliation or age. Students are requested to enter only once per year as either a member of a team or as an individual.

Equity, diversity, and inclusion

We work with schools in a variety of neighborhoods all around Houston.

Quick facts

PROGRAM TYPE
Design competition

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE
A willing teacher

SPONSOR
AIA Houston

SPONSOR



Mission statement

AIA Austin improves our community by advancing the value of architecture.

Contact information

Kyle McAlonan

kmcalonan@stgdesign.com

<http://aiaaustin.org/committee/architecture-schools>

PROGRAM

Architecture in Schools

Austin, Texas

Program Description

The AIA Austin Architecture in Schools program seeks to educate elementary aged citizens about the virtues of the profession of architecture.

Equity, diversity, and inclusion

We work with schools in a variety of neighborhoods all around Austin.

Quick facts

PROGRAM TYPE
Design competition

TARGET AUDIENCE
Elementary (Pre-K–Grade 5)

REQUIREMENTS TO PARTICIPATE
A willing teacher

SPONSOR
AIA Austin

SPONSOR**Mission statement**

AIA Houston is the local chapter of The American Institute of Architects. AIA Houston is a community of architects coming together to accomplish things in our practices and in our communities that no single architect can do alone.

Contact information

Mat Wolf

mat@aiahouston.org

<http://aiahouston.org/v/site-home/ArCH-WalkingTours/3r>

PROGRAM

Walking Tour

Houston, Texas

Program Description

AIA Houston conducts six neighborhood walking tours, including two downtown tours, and tours covering the Museum District, Montrose, Rice University, and the Texas Medical Center. Trained docents lead students while discussing architectural styles and eras, urban design, and local history. Tours are two hours long, but AIA can tailor time and content to meet reasonable requests.

Equity, diversity, and inclusion

Open to all

Quick facts

PROGRAM TYPE
Other

TARGET AUDIENCE
Middle School (Grades 6–8);
High School (Grades 9–12)

COST TO PARTICIPATE
\$10

REQUIREMENTS TO PARTICIPATE
None

SPONSOR
AIA Houston

SPONSOR

AIA
Northern Virginia

Mission statement

AIA Northern Virginia is dedicated to serving its members, advocating for the profession and improving the quality of the built environment in our communities.

Contact information

Debbie Burns

aianova@aianova.org

<http://aianova.org>

PROGRAM

Architecture Lab, Architecture in the Schools

Alexandria, Virginia

Program Description

Throughout the year we offer an eight-week Architecture in the Schools program; conduct family activities at a local art center; participate in career days and Shadow an Architect; join a local STEMtastics event; help members of Girl Scout troops get architecture badges; and involve students in our “Canstruction” competition.

Equity, diversity, and inclusion

Our target population is medium- to low-income families, and our target area has an ethnically diverse population.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8);
High School (Grades 9–12)

SPONSOR
AIA Northern Virginia

SPONSOR**Mission statement**

The Seattle Architecture Foundation connects people to the architecture, design, and history of Seattle. We provide entertaining workshops, dynamic tours, educational seminars, and enthusiastic community advocacy.

Contact information

Minh Nguyen

minh@seattlearchitecture.org

<http://cfadseattle.org>

PROGRAM

Saturday Family Workshop

Seattle, Washington

Program Description

Children and family members explore architecture through hands-on activities at our Saturday events that highlight a new design topic every month. The program features an introduction to innovative examples of local and global architectural projects. Then children take the lead in using the design process to create their own design proposal for a group presentation. Volunteer architects and designers assist children and families along the way.

Equity, diversity, and inclusion

The program recently became free for all families, which ensures that all students can participate. Our teaching artists and volunteer architects are trained in racial, gender, and economic equity and how it pertains to architecture and urban planning.

Quick facts

PROGRAM TYPE

Family event

TARGET AUDIENCE

Elementary (Pre-K–Grade 5)

SPONSOR

Seattle Architecture Foundation

SPONSOR**Mission statement**

The Seattle Architecture Foundation connects people to the architecture, design, and history of Seattle. We provide entertaining workshops, dynamic tours, educational seminars, and enthusiastic community advocacy.

Contact information

Minh Nguyen

minh@seattlearchitecture.org

<http://cfadseattle.org>

PROGRAM

Teen Design Workshop

Seattle, Washington

Program Description

Monthly weekend workshops engage youth in design and social issues. Workshops kick-off with a community guest or designer introducing an issue and then students are challenged to use their creativity to come up with a responsive design. In teams supported by SAF volunteers, students work to plan, build, and present a physical or digital study model that represents how their design could promote a better city for all.

Equity, diversity, and inclusion

The sliding scale ensures that all students are able to participate. Our teaching artists and volunteer architects are trained in racial, gender, and economic equity and how it pertains to architecture and urban planning

Quick facts

PROGRAM TYPE

Community event

TARGET AUDIENCE

Middle School (Grades 6–8);
High School (Grades 9–12)

COST TO PARTICIPATE

Sliding scale, \$0–\$25

SPONSOR

Seattle Architecture Foundation

SPONSOR

Washington Architectural Foundation

Mission statement

We are architects, engineers, planners, landscape architects, teachers and students working to improve the quality of life in the DC area. Through public school programs and scholarships, design services for community non-profits, and a design competition that supports the Capital Area Food Bank, WAF uses its resources wisely to offer help and make change where it is needed most.

Contact information

Rachel Simonson

rsimonson@aiadc.com

<http://aiadc.com/waf>

PROGRAM

Architecture in the Schools

Washington, DC

Program Description

Architecture in the Schools (AIS) matches volunteer architects with public school teachers to enrich the learning experience of children. AIS reinforces core academic skills and teaches children how to exercise their analytical and creative skills through the architectural design process. AIS fosters a heightened civic consciousness, bridging the gap between what is learned in school and everyday life.

Equity, diversity, and inclusion

Architecture in the Schools supports diversity, equity, and inclusion by encouraging students to become active, positive members of their communities through the architectural design process.

Quick facts**PROGRAM TYPE**

In-school

TARGET AUDIENCE

Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8);
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE

Open to all DC public schools;
mandatory teacher orientation
session

SPONSOR

Washington Architectural
Foundation

EQUITY, DIVERSITY, AND INCLUSION K-12 ARCHITECTURE & DESIGN EDUCATION SCAN

ACE Mentors of America

SPONSOR + PROGRAM INFORMATION

ACE Mentors of America

Mission statement

Our mission is to engage, excite and enlighten high school students to pursue careers in architecture, engineering, and construction through mentoring, and to support their continued advancement in the industry.

Contact information

<http://acementor.org>

Program Description

The ACE Mentors of America Program helps mentor high school students and inspires them to pursue careers in design and construction. ACE not only engages sponsors and volunteer mentors to expose students to real-world opportunities, it financially supports each student's continued success through scholarships and grants. By working with real professionals in real work environments, ACE students receive an invaluable hands-on education—they learn to understand the day-to-day workings of a business by living it and experiencing it, not merely reading about it.

Affiliates

Alabama, Arizona, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York Nevada, North Carolina, Ohio, Oregon, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, Tennessee, Texas, Utah, Virginia, Washington, Washington, DC

Quick facts

PROGRAM TYPE
After school

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
The program is open to any high school student who has the curiosity and drive to learn about a career in design and construction—from contracting and engineering to architecture and landscaping.

SPONSOR
ACE Mentors of America

EQUITY, DIVERSITY, AND INCLUSION K-12 ARCHITECTURE & DESIGN EDUCATION SCAN

Public schools

SPONSOR + PROGRAM INFORMATION

Design and Architecture Senior High (DASH)

Miami, Florida

Mission statement

“Education by Design” represents the philosophy of the school, which offers programs in architecture, industrial design, fashion design, visual communication (graphics), and entertainment technology (film). These programs are developed and taught by a dedicated team of industry and design professionals.

Contact information

Ana Alvarez-Arison

anaalvarez-arison@dadeschools.net

<http://dasheschool.org>

Program Description

DASH is the premier design senior high school in the country, located in the heart of the Miami Design District. The magnet school curriculum combines state-required courses necessary to graduate from a Florida high school, and adds classes that focus on architecture and four other design fields that prepare students for a career in architecture.

Equity, diversity, and inclusion

The school does not discriminate, and draws from a diverse student community.

Quick facts

PROGRAM TYPE
High School

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
Portfolio submission and review
by faculty

SPONSOR
Design and Architecture Senior
High (DASH)

SPONSOR + PROGRAM INFORMATION

Charter High School for Architecture + Design

Philadelphia, Pennsylvania

Mission statement

The Charter High School for Architecture + Design is a learning community committed to an innovative program integrating the design process with the mastery of a strong liberal arts education. The school offers each student the opportunity for success and the preparation for life-long learning and responsible citizenship. CHAD is a thoughtful academic environment that engenders love of learning, intellectual curiosity, and new ways of seeing, and prepares students for higher education.

Contact information

<http://chadphila.org>

Program Description

CHAD teachers strive to create dynamic, student-centered classrooms in which democratic principles thrive. Our fluid curriculum is authentic: it reflects the real world, responds to our students' interests and lives, and prepares them to be active, life-long learners. Our teaching is shaped by varied and valid assessments. We ask students to transform problems into possibilities. Assessments are used to inform student self-reflection and teacher instruction.

Through differentiated instruction, each child is both nurtured and challenged to continually reach for and expand his or her potential. We enrich students' intellectual growth through process and skill-oriented learning. Students are asked to be accountable for the quality and integrity of their academic endeavors. We demand active participation, clear expression, sophisticated thinking, and high-level work from the members of our community.

Equity, diversity, and inclusion

The school was founded on two principles: to provide a safe, academically sound, and stimulating high school for urban minority students; and given the very low percentage of licensed African American architects in the U.S., to prepare African American students, especially, for collegiate study and training in the fields of architecture and design.

Quick facts

PROGRAM TYPE
High School

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
Charter school application for admissions to the program

SPONSOR
Charter High School for Architecture + Design

SPONSOR**Texarkana Independent School District****Mission statement**

At Texas High School, students are academically enriched through a wide array of more than 425 course offerings presenting a broad range of choices to meet the interests and abilities of students. Featuring the Ross Perot STEM Academy, students focus on science, technology, engineering and math course content that is integrated within all core subject areas. The curriculum is innovative and college-focused with instruction on inquiry, problem-solving, decision making, discovery and project-based learning.

Contact information

Cathy Klopper

<http://txkisd.net>

PROGRAM**Architecture & Construction Program**

Texarkana, Texas

Program Description

This program is the right choice for someone who likes to design and build things, tinker with tools and technology, or decorate homes and offices with flooring, paint, furniture, and art. Students are provided opportunities to learn a skill in a classroom or lab that is equipped to emulate real world experiences.

Equity, diversity, and inclusion

Open to all who meet educational requirements

Quick facts

PROGRAM TYPE
High School

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
Guidance Counselor direction and approval

SPONSOR
Texarkana Independent School District

SPONSOR

Spring Branch Independent School District

Mission statement

In SBISD our promise to our entire community is to inspire minds and shape lives by:

- Improving academic performance of all students
- Graduating all high school students
- Preparing all students with the qualifications and skills necessary to enter college or post secondary training and exit successfully

Contact information

Sonia Greiner

Sonia.Greiner@springbranchisd.com

<http://guthriecenter.springbranchisd.com>

PROGRAM

The Guthrie Center

Spring Branch, Texas

Program Description

Students are educated in the process of architectural design through projects and the annual Michael G. Meyers Design Competition sponsored by the Houston chapter of The American Institute of Architects. This contest provides students the opportunity to network with practicing architects and professors of architecture. Our students have achieved great success in this competition by winning scholarship funds and scholarships to the summer architectural program offered at the University of Houston. Architectural students at the Guthrie Center have won over 70 awards and have used the competition as a catapult for acceptance to architectural schools around the world.

Equity, diversity, and inclusion

Open to all

Quick facts

PROGRAM TYPE
High School

TARGET AUDIENCE
High School (Grades 9–12)

REQUIREMENTS TO PARTICIPATE
Elective by student with guidance counselor support

SPONSOR
Spring Branch Independent School District

EQUITY, DIVERSITY, AND INCLUSION K-12 ARCHITECTURE & DESIGN EDUCATION SCAN

Other programs

SPONSOR**Mission statement**

The Los Angeles Conservancy is a nonprofit membership organization that works through education and advocacy to recognize, preserve, and revitalize the historic and cultural resources of Los Angeles.

Contact information

Bruce Scottow

bscottow@laconservancy.org

<http://laconservancy.org>

PROGRAM

Student Walking Tours

Los Angeles, California

Program Description

Our highly trained docents provide downtown walking tours for groups of 3rd through 12th graders from schools and other youth organizations. These interactive, engaging weekday tours support California's Common Core state standards in history and social studies, as well as highlight important lessons about the preservation of historic sites.

Teachers and other group organizers can select from three tours: Historic Downtown, Union Station, and Modern Skyline. These tours make historic L.A. come alive in a tangible, understandable, and exciting way for student participants.

Equity, diversity, and inclusion

Student Walking Tours explore the diverse layers of history which Los Angeles is built upon, and the contributions of its equally diverse populations. Tours can be modified for groups needing stairless or wheelchair-accessible routes. Spanish translation may be available upon request and with advance notice. We offer subsidies and scholarships to schools or groups demonstrating need and we will not deny participation for any student unable to afford the \$10 tour price.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Elementary School (Pre-K–Grade 5); Middle School (Grades 6–8); High School (Grades 9–12)

COST TO PARTICIPATE
\$10/person

REQUIREMENTS TO PARTICIPATE
Tours are for student groups in grades 3–12

SPONSOR
Los Angeles Conservancy

SPONSOR**Mission statement**

The Los Angeles Conservancy is a nonprofit membership organization that works through education and advocacy to recognize, preserve, and revitalize the historic and cultural resources of Los Angeles.

Contact information

Bruce Scottow

bscottow@laconservancy.org

<http://laconservancy.org>

PROGRAM

Adventures in Architecture

Los Angeles, California

Program Description

Adventures in Architecture is an on-site, outreach program for middle and high-school student groups. Trained educators from the Los Angeles Conservancy visit students at their schools, and create a program tailored to the historic elements found within the neighborhood. Each session consists of classroom preparation and a walking tour of historic buildings or cultural sites and landscapes. Students engage in hands-on activities that reinforce lessons regarding adaptive reuse, preservation and the history of the buildings found in their own backyard. Students come away with a deepened understanding of their neighborhood resources, as well as the role the built environment plays in preserving a community's history. Adventures in Architecture can be offered for various lengths of time, depending on the needs of the group.

Equity, diversity, and inclusion

This program illustrates the varied layers of history which Los Angeles is built upon, and the contributions of its equally diverse populations. The walking tour portion of the class can be modified for groups needing stairless or wheelchair-accessible routes. Spanish translation may be available upon request and with advance notice. Subsidies and scholarships for schools or groups may be available.

Quick facts

PROGRAM TYPE
In-school

TARGET AUDIENCE
Middle School (Grades 6–8);
High School (Grades 9–12)

COST TO PARTICIPATE
Varies

REQUIREMENTS TO PARTICIPATE
Los Angeles County middle
or high school groups of eight
or more

SPONSOR
Los Angeles Conservancy

SPONSOR

National Organization of Minority Architects, Southern California Chapter

Mission statement

SoCalNOMA seeks to advance and support the education and careers of those who have been historically under-represented in the field of architecture and various allied design/build professions.

Contact information

Larry Huley

larryhuley@gmail.com

<http://socialnoma.org/campoverview>

PROGRAM

NOMA Project Pipeline

Los Angeles, California

Program Description

The Project Pipeline camp provides both teaching and the opportunity for hands-on design projects, focused on a different theme every year. Physical and virtual (Google Sketch-Up) models are designed to scale within the context of the local community, sustainability and the year's theme.

Equity, diversity, and inclusion

The camp is open to any student, regardless of race, religion, or gender identity/orientation.

Quick facts**PROGRAM TYPE**

Summer or day camp

TARGET AUDIENCE

Middle School (Grades 6–8)

COST TO PARTICIPATE

\$100

REQUIREMENTS TO PARTICIPATE

Open to all kids ages 10–15

SPONSOR

National Organization of Minority Architects, Southern California Chapter

SPONSOR**La Jolla Historical Society****Mission statement**

The La Jolla Historical Society is a 501(c)(3) nonprofit public benefit corporation whose mission is to inspire and empower the community to make La Jolla's diverse past a relevant part of contemporary life. The Society looks toward the future while celebrating the past, preserves and shares La Jolla's distinctive sense of place, and serves as a thriving community resource and gathering place where residents and visitors explore history, art, ideas and culture.

Contact information

Heath Fox

hfox@lajollahistory.org

<http://lajollahistory.org/education>

PROGRAM**Youth Architects Summer Camps**

San Diego, California

Program Description

The Young Architects Summer Camps are one-week experiences for middle and high school students. Students are introduced to the architectural history of La Jolla, concepts of community character, principles of sustainability, critical thinking, and the design process. Participants are challenged with a design project of their own, providing the opportunity to contribute their "Big Idea" of what should come next. In addition to learning field drawing, quick sketching, hand drafting and the principals of orthographic projection, the students are introduced to SketchUp, a 3D-modeling program to help communicate their design concepts. They visit buildings that exemplify the work of extraordinary architects from different eras, learning different construction methods and various architectural styles. Students also visit the studios of local architects and active construction sites. This unique program is organized and taught by volunteer practicing architects.

Equity, diversity, and inclusion

Scholarships available

Quick facts**PROGRAM TYPE**

Summer or day camp

TARGET AUDIENCE

Middle School (Grades 6–8);
High School (Grades 9–12)

COST TO PARTICIPATE

\$650

SPONSOR

La Jolla Historical Society

SPONSOR

Built Environment Education Program San Diego

Mission statement

BEEP San Diego is dedicated to educating and advocating for school-age youth as meaningful participants, leaders, and decision-makers of the built environment. The organization strives to engage both youth and design professionals in the learning and mentoring process, and to create opportunities for exposing youth to the practice and disciplines of the built environment. BEEP's curriculum aims to educate, engage, and inspire school-age youth on all aspects of the built environment.

Contact information

Laura DuCharme Conboy, AIA

laura@ducharmearch.com

<http://beepsandiego.com>

PROGRAM

Playing with Geometry: Irving Gill's Architecture for Kids

San Diego, California

Program Description

The San Diego Built Environment Education Program (BEEP San Diego) offers a two-hour workshop of hands-on activities for elementary, middle and high school students to tell the story of Irving J. Gill, an extraordinary San Diegan, and one of the founders of modern architecture styles.

Irving Gill (1870–1936) used very simple geometric shapes to create masterful architecture. During this special workshop, participants will:

- Learn about Irving Gill's background
- Learn Gill's four principals of design
- Understand how architects communicate their ideas by drawing
- Learn to draw in one-point perspective, as Gill did
- Understand how architects use landscaping to bring life to their buildings and to their sketches

Equity, diversity, and inclusion

This program is conducted in various venues around San Diego County, and is open to all students.

Quick facts

PROGRAM TYPE
Other

TARGET AUDIENCE
Middle School (Grades 6–8);
High School (Grades 9–12)

COST TO PARTICIPATE
\$650

SPONSOR
BEEP San Diego (Built Environment Education Program)

SPONSOR

Built Environment Education Program San Diego

Mission statement

BEEP San Diego is dedicated to educating and advocating for school-age youth as meaningful participants, leaders, and decision-makers of the built environment. The organization strives to engage both youth and design professionals in the learning and mentoring process, and to create opportunities for exposing youth to the practice and disciplines of the built environment. BEEP's curriculum aims to educate, engage, and inspire school-age youth on all aspects of the built environment.

Contact information

Laura DuCharme Conboy, AIA

laura@ducharmearch.com

<http://beepsandiego.com>

PROGRAM

BEEP San Diego=Kid+Build+City

San Diego, California

Program Description

The San Diego Built Environment Education Program (BEEP San Diego) offers an afternoon of hands-on individual and group activities for elementary and middle school children. Kids have fun rotating through three different stations, creating cities out of tiny "found objects," making models out of trash, and building geodesic spheres out of colorful candy.

Design an Entire Neighborhood or Town: Dig into the giant pile of crazy toys and colorful objects to build the neighborhood you really want to live in.

Create a Building: Choose from the collection of recycled materials to make your own building. Will it be a building you know and see all the time—or something from your imagination that no one has ever seen before?

Build a Room: Use toothpicks and gumdrops to make geodesic domes. Imagine if you lived inside this curved space. Architect, engineer, and inventor Buckminster Fuller developed ways to turn geodesic domes into rooms, houses, and even covers over entire cities.

Equity, diversity, and inclusion

The program is held at the Central Public Library in downtown San Diego and is open to all interested participants. This program can be conducted at local community centers around the San Diego region.

Quick facts

PROGRAM TYPE
Community event

TARGET AUDIENCE
Elementary School
(Pre-K–Grade 5)

SPONSOR
BEEP San Diego (Built Environment Education Program)

SPONSOR

Built Environment Education Program San Diego

Mission statement

BEEP San Diego is dedicated to educating and advocating for school-age youth as meaningful participants, leaders, and decision-makers of the built environment. The organization strives to engage both youth and design professionals in the learning and mentoring process, and to create opportunities for exposing youth to the practice and disciplines of the built environment. BEEP's curriculum aims to educate, engage, and inspire school-age youth on all aspects of the built environment.

Contact information

Laura DuCharme Conboy, AIA

laura@ducharmearch.com

<http://beepsandiego.com>

PROGRAM

Architecture as Geometry

San Diego, California

Program Description

This program is usually conducted over three or four days (60–90 minutes each day) and begins with the introduction of simple geometric shapes before identifying and discussing more complicated three-dimensional shapes found in our local built environment, with clues to identify them. The history of Buckminster Fuller, along with his theories and inventions, is introduced. Participants learn of Fuller's Dymaxion Maps and conclude Day One by making globes of their own. Day Two explores the history of geodesic domes and their uses.

Participants work in teams to make large domes out of rolled-up newspapers. Teamwork and precision is critical in the rolling of the newspapers to make, measure, and sort the tubes. Day Three has the teams fabricating their domes, exploring the amount of space inside (by seeing how many students fit inside), and experimenting with the strength of the dome, seeing how much weight can be placed on it before it collapses.

Equity, diversity, and inclusion

The program can be conducted for any school or community center. For instance, it has been conducted with Brownie troops, in classrooms, and at workshops.

Quick facts**PROGRAM TYPE**

Other

TARGET AUDIENCE

Elementary School (Pre-K–Grade 5); Middle School (Grades 6–8); High School (Grades 9–12)

SPONSOR

BEEP San Diego (Built Environment Education Program)

SPONSOR**Mission statement**

Instigate integrated design education program for K-12 and hold workshops for teachers to help them learn how to teach integrated design thinking. Design and help architects design schools as learning tools and to research the effects of the physical environment on learning and behavior.

Contact information

Dr. Anne Taylor

aetaylor@unm.edu

<http://architectureandchildren.com>

PROGRAM

Architecture and Children

Albuquerque, New Mexico

Program Description

The program, offered in partnership with the local AIA chapter, provides volunteer architects who go into schools and teach design education programs that relate to each school's core curriculum. Architects teach once a week, for 10 weeks. A current initiative is working with an elementary school on a two-year project that will include the neighborhood association in redefining a strip mall that needs renovation. Other schools are interested in hosting a similar integrated design project.

Equity, diversity, and inclusion

We include everyone, including refugees and immigrants.

Quick facts

PROGRAM TYPE

In-school

TARGET AUDIENCE

Elementary (Pre-K–Grade 5);
Middle School (Grades 6–8);
High School (Grades 9–12)

SPONSOR

School Zone Institute

SPONSOR**PhilaNOMA****Mission statement**

Champion diversity in the architecture and design professions.

Contact information

Michael Spain

philanoma.camp@gmail.com

<http://vimeo.com/85415555>

PROGRAM

Project Pipeline

Philadelphia, Pennsylvania

Program Description

Project Pipeline is a national initiative of the National Organization of Minority Architects. The Philadelphia Camp focuses on themes of design, sustainability, and community engagement. Our design professional volunteers engage students aged 11–17 for five consecutive Saturdays, centered around a design project to get them thinking critically about the world around them.

Equity, diversity, and inclusion

The program is designed to expose children of diverse backgrounds to architecture and design, a field that is not known for its diversity. Our belief is that through early exposure and representation, we can encourage more children to pursue these careers, but at the least, equip many children with design thinking and problem solving skills.

Quick facts

PROGRAM TYPE
Summer camp

TARGET AUDIENCE
Middle School (Grades 6–8);
High School (Grades 9–12)

COST TO PARTICIPATE
\$100

REQUIREMENTS TO PARTICIPATE
Application, essay expressing
interest in architecture, age
requirement

SPONSOR
PhilaNOMA

EQUITY, DIVERSITY, AND INCLUSION K-12 ARCHITECTURE & DESIGN EDUCATION SCAN

Collegiate summer camps

Collegiate summer camps

Northeast

Barnard College—New York, NY

<https://barnard.edu/summer>

Boston Architectural College—Boston, MA

<http://the-bac.edu/academics/summer-academy>

Carnegie Mellon University—Pittsburgh, PA

<http://admission.enrollment.cmu.edu/pages/pre-college-architecture>

Catholic University of America—Washington, DC

<http://architecture.cua.edu/other-programs/experiences-in-architecture.cfm>

Center for Architecture—New York, NY

<https://www.cfafoundation.org/summer>

City College of New York—New York, NY

<https://ssa.ccnycuny.edu/>

Columbia University—New York, NY

<http://sps.columbia.edu/highschool/3-week>

Cooper Union—New York, NY

<http://cooper.edu/architecture/school-architecture-summer-programs>

Cornell University—Ithaca, NY

<https://www.sce.cornell.edu/sc/programs/index.php?v=178>

Design Science Lab—Chestnut Hill College—Philadelphia, PA

<http://designsciencelab.com>

Drexel University—Philadelphia, PA

http://drexel.edu/westphal/admissions/precollege/Summer_Programs_ARCH

Harvard University—Cambridge, MA

<http://careerdiscovery.gsd.harvard.edu>

Fallingwater—Mill Run, PA

<https://www.fallingwater.org/education/fallingwater-institute>

Maryland Institute College of Art—Baltimore, MD

https://www.mica.edu/Programs_of_Study/Programs_for_Children_and_Teens/Programs_for_High_School_Students/Summer_Pre-College.html

University of Maryland College Park—College Park, MD

<http://www.arch.umd.edu/arch/high-school-summer-program>

Marywood University—Scranton, PA

<http://www.marywood.edu/architecture/design-your-future/index.html>

University of Massachusetts Amherst—Amherst, MA

<http://www.umass.edu/architecture/summer-design-academy>

Massachusetts Institute of Technology—Boston, MA

<http://www.urbanframe.org>

Collegiate summer camps

National Building Museum—Washington, DC

<https://www.nbm.org/learn/families>

New Jersey Institute of Technology—Newark, NJ

<http://design.njit.edu/coadprograms/summer.php>

New York Institute of Technology—Old Westbury, NY

<https://www.nyit.edu/architecture>

Norwich University—Northfield, VT

<http://profschools.norwich.edu/architectureart/summer-camp-front-page>

Parsons The New School For Design—New York, NY

<https://www.newschool.edu/parsons/summer-programs>

Pennsylvania State University—State College, PA

<http://architecture-camps.outreach.psu.edu>

University of Pennsylvania—Philadelphia, PA

<https://www.jkcp.com/program/architecture-summer-at-penn.php>

Pratt Institute—Brooklyn, NY

<https://www.pratt.edu/academics/continuing-education-and-professional/precollege/%0d>

Rensselaer Polytechnic Institute—Troy, NY

<http://summer.rpi.edu/programs>

Rhode Island School of Design—Providence, RI

<http://precollege.risd.edu/wp>

Roger Williams University—Bristol, RI

<https://www.rwu.edu/academics/schools-and-colleges/saahp/special-programs/high-school-summer-academy>

Syracuse University—Syracuse, NY

<http://summercollege.syr.edu/program/architecture>

Yale University—New Haven, CT

<https://www.explo.org/explo-360/yale>

Southeast

AIA Memphis/University of Memphis—Memphis, TN

<http://www.memphis.edu/architecture/communityengagement/summerprogram.php>

Auburn University—Auburn, AL

<http://www.auburn.edu/outreach/opce/auburnyouthprograms>

Clemson University—Clemson, SC

<https://www.clemson.edu/summer/summer-scholars>

University of Florida—Gainesville, FL

<https://dcp.ufl.edu/architecture/summer-design-exploration>

Georgia Institute of Technology—Atlanta, GA

<https://design.gatech.edu/precollege>

Kennesaw State University—Kennesaw, Georgia

<http://ccpe.kennesaw.edu/youth/summeru>

Collegiate summer camps

Louisiana State University—Baton Rouge, LA

<http://www.outreach.lsu.edu/Pre-K-12/Architecture-Design-Workshop>

University of Miami—Miami, FL

<https://www.arc.miami.edu/programs/high-school-summer-program/index.html>

University of North Carolina at Charlotte—Charlotte, NC

<http://coaa.uncc.edu/academics/school-of-architecture/summer-design-academy>

North Carolina State University—Raleigh, NC

<https://design.ncsu.edu/designlab/designcamp>

Savannah College of Arts & Design—Atlanta and Savannah, Georgia

<http://www.scad.edu/academics/pre-college-summer-programs/rising-star>

University of Tennessee—Knoxville, TN

<http://archdesign.utk.edu/news-events/design-matters-camp>

Tulane University—New Orleans, LA

<http://architecture.tulane.edu/prospective-students/admissions/career-explorations>

Tuskegee University—Tuskegee, AL

<https://www.tuskegee.edu/research-innovation/summer-programs>

Virginia Polytechnic Institute & State University—Blacksburg, VA

<http://archdesign.vt.edu/students/inside-architecture>

East Central

Andrews University—Berrien Springs, MI

<https://www.andrews.edu/said/renaissance-kids>

Ball State University—Muncie, IN

<http://cms.bsu.edu/academics/collegesanddepartments/cap/academic-programs/designworks>

University of Cincinnati—Cincinnati, OH

<http://daap.uc.edu/daapcamps.html>

Cranbrook Summer Art Institute—Bloomfield Hills, MI

<http://www.cranbrookartmuseum.org/learn/kids-teens/summer-programs/cranbrook-summer-arts-institute-teens/csai-class-offerings>

University of Detroit Mercy—Detroit, MI

<http://architecture.udmercy.edu/summer-camps.php>

Drury University—Springfield, MO

<http://www.drury.edu/architecture>

Lawrence Technological University—Detroit, MI

https://www.ltu.edu/community_k12/summer-camps.asp

Miami University—Oxford, OH

<http://miamioh.edu/admission/high-school/summer-scholars>

University of Michigan—Ann Arbor, MI

<http://taubmancollege.umich.edu/architecture/high-school-programs>

Collegiate summer camps

West Central

Illinois Institute of Technology—Chicago, IL

<http://www.arch.iit.edu/study/introduction>

University of Illinois at Chicago—Chicago, IL

<http://arch.uic.edu/HiArch>

University of Illinois at Urbana Champaign—Champaign, IL

<http://www.arch.illinois.edu>

Iowa State University—Ames, IA

<http://www.design.iastate.edu/future-students/k12outreach>

Judson University—Elgin, IL

<http://arch.judsonu.edu/architecture-discovery-workshop>

Nebraska-Lincoln, University of Nebraska—Lincoln, NE

<http://architecture.unl.edu/high-school-camps-2017>

University of Oklahoma—Norman, OK

<https://pacs.ou.edu/precollegiate/9th-12th-grade/architecture-summer-academy>

Oklahoma State University—Stillwater, OK

<http://arch-ceat.okstate.edu/discover-architecture>

School of the Art Institute of Chicago—Chicago, IL

http://www.saic.edu/cs/high_school

Southern Illinois University—Carbondale, IL

<http://architecture.siu.edu/arch-camps>

Taliesin—Summer Immersion Program—Spring Green, WI

<http://taliesin.edu/news/immersion>

Washington University in St. Louis—St. Louis, MO

<http://www.samfox.wustl.edu/summer/adp>

Weisman Art Museum—Minneapolis, MN

<http://wam.umn.edu/calendar/teen-architecture-workshop>

Southwest

University of Arkansas—Fayetteville, AR

<http://fayjones.uark.edu/news-and-events/design-camp.php>

University of Houston—Houston, TX

<http://wonderworkshouston.org>

Prairie View A&M University—Prairie View, TX

<http://www.pvamu.edu/sa/careerservices/services/parent-association/pre-college-enrichment>

Rice University—Houston, TX

<http://arch.rice.edu/launch>

Texas A&M University—College Station, TX

<http://youthadventureprogram.com>

University of Texas at Austin—Austin, TX

<http://soa.utexas.edu/apply/summer-academy-architecture>

University of Texas at San Antonio—San Antonio, TX

<http://cacp.utsa.edu/academic-programs/department-of-architecture/summer-academy-in-20architecture-interior-design>

Collegiate summer camps

West

Architectural Foundation of San Francisco—San Francisco, CA

<http://www.afsf.org/programs/build-san-francisco-summer-design-institute/>

Architecture + Design Museum—Los Angeles, CA

<http://aplusd.org/familyprograms>

Arcosanti—Mayer, AZ

<https://arcosanti.org/index.php?q=workshops>

Arizona State University—Phoenix, AZ

<https://communityschool.asu.edu/>

EQUITY, DIVERSITY, AND INCLUSION K-12 ARCHITECTURE & DESIGN EDUCATION SCAN

Additional resources

Additional resources

Built Environment Education Program (BEEP)

AIA California Council

<http://www.aiacc.org/beep>

Discover Architecture Handbook

Melody Harclerode, AIA

[https://www.amazon.com/Discover-Architecture-](https://www.amazon.com/Discover-Architecture-AIA-Melody-Harclerode/dp/1634433734)

[AIA-Melody-Harclerode/dp/1634433734](https://www.amazon.com/Discover-Architecture-AIA-Melody-Harclerode/dp/1634433734)

Architecture: It's Elementary

AIA Michigan/Michigan Architecture Foundation

http://www.k5architecture.org/Download_chpt.htm

Schoolyards to Skylines

Chicago Architecture Foundation

<https://shop.architecture.org/products/schoolyards-to-skylines>

Discover Design

Chicago Architecture Foundation

<https://www.discoverdesign.org/>

Architecture and Children Guidebook

Dr. Anne Taylor and George Vlastos

<http://architectureandchildren.com/index.php/teachers-guide/>

[architecture-and-children-guidebook-teachers-guide](http://architectureandchildren.com/index.php/teachers-guide/architecture-and-children-guidebook-teachers-guide)

Linking Architecture and Education

Dr. Anne Taylor

<http://unmpress.com/books.php?ID=10347920745058&Page=book>

Little Architect

Architectural Association School of Architecture

<http://littlearchitect.aaschool.ac.uk>

Architecture and Children

International Union of Architects

<https://www.architectureandchildren-uia.com>

Architecture Reading List (Pre-K–Grade 5)

Buffalo Architecture Foundation

<http://buffaloarchitecture.org/wp-content/uploads/>

[2014/06/reading-list-final.pdf](http://buffaloarchitecture.org/wp-content/uploads/2014/06/reading-list-final.pdf)

Architecture and Design Network

Association of Architecture Organizations

[http://www.aaonetwork.org/groups/architecture-](http://www.aaonetwork.org/groups/architecture-design-education-network)

[design-education-network](http://www.aaonetwork.org/groups/architecture-design-education-network)



1735 New York Avenue, NW
Washington, DC 20006
aia.org