2023 AIA New Hampshire High School Design Competition

Design Brief

Gather – Interpretive Space for Community Building

Educational Objectives

- To incorporate the AIA Framework for Design Excellence.
- To introduce the concepts of landscape design and site planning in harmony with architectural design.
- To increase awareness of the relationships between space, human-scale and function.
- To gain experience in planning and designing indoor and outdoor spaces for the purpose of form and function.
- To exercise analytical abilities and creativity in interpreting geographical and biological data.
- To practice communicating your findings, planning, and design ideas utilizing the platforms necessary, such as drawings, models, images, videos, etc.

Participation Requirements

Every participant must be a current high school student in the state of New Hampshire. Students may work individually or in teams. Teams may not consist of more than three students.

Registration

Instructors intending to use the design competition as part of their spring curriculum, a list of their students that plan to participate must be sent to the AIANH office by Friday, February 17, 2023.

Students, planning to participate in the design competition on an independent basis will also need to submit their name to the AIANH office by Friday, February 17, 2023.

Send student names to Bonnie Kastel, Executive Director, bkastel@aianh.org

Timeline

Registrations Due: Friday, February 17, 2023

Entries Due: Friday, April 14, 2023

Awards Event hosted by Keene State College: Thursday, April 20, 2023

Introduction

This year's AIANH Competition will take a broader approach to design. Architecture can be categorized by more than just a building or physical object, and space can be created using different techniques that enhance the human experience. This experience could vary from person to person and can help define a culture in a specific region, town/city, or corner of the street.

This year, students are asked to identify a site in their local community, or site that they believe could benefit from a community-oriented design project, to research and define a need that they think best suits the location, demographic, and general purpose of that place. Students must answer the questions of permanence, materials, construction method, use, etc. before committing to their design process. The following questions will help define what students choose to create:

- What do people gather for?
- How many people will be served at a given time?
- What is the permanence of the structure? / Is it mobile?
- What materials could be used to construct this place?
- How visible is this place?
- How does this design incorporate into the surrounding physical environment?
- How does this design enhance the surrounding community and culture?

Examples of Broader design concept Projects that study or enhance their surrounding communities:

Atlas Lab Inc. – Kimberly Garza

https://www.architalx.org/talx/kimberly-garza

The Dutch Angle Classroom – Norwich University Design Build

https://architize r.com/projects/the-star-shelter-dutch-angle-classroom/

The Studio at Porches – Bensonwood Design Build

https://bensonwood.com/portfolio/studio-at-porches/

Pink Playground Affect - Community spaces on vacant Chicago lots

https://www.fastcompany.com/90680666/the-pink-playground-effect-how-chicago-turned-12-vacant-lots-into-vibrant-community-space

Examples of Projects (These are just some ideas, a starting point, have fun with it, be creative!):

- Community Garden
- Playground
- Live Music Venue
- Leisure Park
- Food Truck Venue

- Pop-up festival/fair location
- Bus Stop
- Sculptural Element (that might bring community awareness to a local issue in a beautiful way)
- Interactive Installation
- Impermanent Art Installation

Example of a Video Presentation (acceptable for submission to present project narrative, but a graphic representation of the project will be required for submission as well):

> A video narrative may be 1.5 minutes max. depicting the site, possibly interviewing a member of the community that your project would affect in some way, or the you (the student) explaining in your own words your design process and goals the project intends to accomplish.

https://vimeo.com/610768793

https://theljc.com/projects/pop-courts

Site Information

Students will choose a site that they believe could benefit from a community enhancing project, using the word "Gather" to determine what that structure, installation, or place should be.

This site must be in the state of New Hampshire but does not necessarily need to be in the student's hometown. It would be beneficial to choose a location near home to gather data about the site from a close location, such as pictures, demographics, site size, and location. More information about a student's chosen site can be found via town websites through tax map data, or online GIS. Students may not be able to find exact site measurements, but should do their best to depict the site plan in drawings to best communicate their design to the jury. Again, have fun with this, the jury will not be looking for perfect accuracy, but rather the intention and a clear design process to follow.

Site Restriction: Min: 100SF Max: 1000SF

Design Framework

This year the AIANH Design Competition wishes to point the attention towards an international call to holistic design. Designers all over the world are understanding that the profession of architecture has the power to contribute to solutions that affect the health, safety, and welfare of our communities. With this understanding, it is imperative that designers have a strong attention to detail, keep sustainable initiatives and materials at the forefront of their minds, and strive for social equity in all projects. The AIA Framework for Design Excellence is a catalog of resources, designed to achieve this vision for the profession.

The 10 Principals:

Design for…

- o Integration
- o Equitable Communities
- o Ecosystems
- o Water
- o Economy
- o Energy
- o Well-being
- o Resources
- o Change
- o Discovery

Use the following link for downloadable pdfs of the Framework for Design Excellence on the AIA website:

https://www.aia.org/resources/6077668-framework-for-design-excellence

Submission Requirements

For 2023, entries will be submitted electronically, as well as physical models, boards, and any other materials needed to communicate the design, will be required to be delivered at a location that is TBD.

Digital entries must be submitted in the format outlined below: (Both are required)

1. Project graphics may be produced, manually drafted or in the CAD or BIM software of your choice. Graphics, photographs, and narrative as outlined below will be assembled digitally onto up to two (2) 20" x 30" "boards" using software such as PowerPoint or InDesign.
2. A single PDF will be output from the software and submitted with all elements below. Manually drafted graphics will need to be scanned and imported digitally onto the board(s). All entries must be a single PDF file of project "boards".

- Design sketches, design process and inspiration information (big idea or parti)
- Site plan
- Exterior and interior elevations or 3D views produced digitally
- 1/8" scale physical monochromatic model and/or mockup models that indicate more details elements of the project
- Brief project narrative – Compose a thoughtful and concise text summary (approximately 150 words) describing your design. This can include but is not limited to:
  - o The main ideas and goals behind your design
  - o Any research or study done to define your design goals
  - o How you envision people using the space
  - o How you intended the design to enhance the surrounding community

Digital Board Example

Awards

Certificates and monetary awards will be presented to the top winners in each category below at the discretion of the jury:

- Best Design, Overall Superiority, in all aspects of Design Solution, Model and Graphic Presentation
- Best Model describing Design Solution
- Best Graphic presentation describing Design Solution
- At the discretion of the judges, certificates will be presented to other submissions that are noteworthy.

Resources for Mentorship

The Keene State College Architecture department has always been heavily involved in the High School Design Competition. This year, the Department would like to be more of a resource to the High School students interested in Architecture and Design, opening up the opportunity for students participating in the competition to engage with the Architecture students at the College.

For more information on mentorship opportunities, please find the Chair of the architecture department, Donna Paley's contact information below:

- One on One zoom sessions with Keene State College students, that are eager to answer questions, offer design techniques, present helpful tips and advice on model making, graphic design, and assistance navigating the design process.
- All participants are welcome to use this resource up to three times during the period of the competition.

Donna Paley
Keene State College Architecture
dpaley@keene.edu
(603) 358-2312

How to use Submittable

Submittable: https://nhforum.submittable.com/submit

You will need to create an account on Submittable before you can start your submission.   There is no cost to create an account or submit projects to this competition.

Once you have an account, select the 2023 AIANH High School Design Competition from the list of available competitions.

Fill out the application form completely and upload your materials.

You can save your application as a draft while you work on it. We will not see your application until you have submitted it.

It is recommended to use Chrome or Firefox browsers for submissions made through Submittable.

If you encounter technical difficulty with your submission, please contact: Submittable Tech Support at: (855) 467-8264, ext. 2 or support@submittable.com.

Non-technical questions can be addressed to: Bonnie Kastel, bkastel@aianh.org

Example Project Images: