

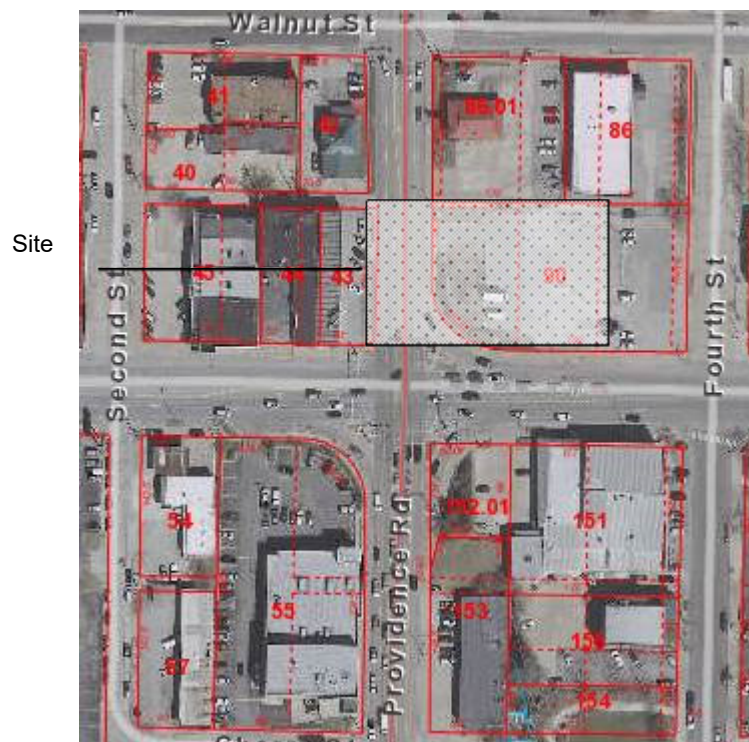
Design Project 02: Artist/Author Exploratorium

An Exploratorium can be defined as a building/place/space where items/themes of historical, scientific, artistic, or cultural interest are accessible for the users to explore them rather than merely exhibiting them. Therefore, the key characteristic of an Exploratorium is interaction. This interaction can occur either physically or psychologically depending on the project objectives.

The City of Columbia has proposed to build an Exploratorium to honor great Missouri natives. Three individuals have been proposed.

1. Pianist John William "Blind" Boone
2. Artist George Caleb Bingham
3. Author Mark Twain

Students will be allocated to one of the three individuals. They will then build upon the knowledge gained in the first project by identifying an artifact/artifacts/artistic style of that particular individual which should be used to abstract the spaces. The design should celebrate and embody the distinct characteristic of the artist/author while allowing the user to explore their life and works. The proposed location for the Exploratorium is at the intersection between Broadway and Providence



Space Requirements:

The program for the exploratorium consists of the following: the permanent exhibit space, a temporary exhibit/ multipurpose space, lobby/ ticketing/ reception/entry space, small auditorium (seating for 20 people), gift shop/cafe and service areas (including restrooms and administrative office). The client expects you to study the history and background of the artist/author and design an architectural sequence connecting the individual exhibits pertaining to their career.

Permanent exhibit (Approx 1700sqft)

This part of the project will need detailed designing. This space could be a single gallery space or a series of multiple linked spaces choreographed with notable accomplishments of the artist/authors life.

Temporary exhibit/ Multipurpose space (Approx 1000sqft)

The exploratorium will host temporary traveling exhibits and historical society functions. Provide an appropriate multipurpose space and general storage for all the above spaces. It isn't necessary for you to go in detail on this part of your project.

Lobby and ticketing (Approx 600sqft)

Provide lobby space, and space for ticket counter, coat storage, and administrative office

Service facilities (Approx 800sqft)

Service functions include the following: Janitor's supplies/general storage (atleast 100sft), restrooms (atleast 200sft), mechanical room (atleast 200sft), and staircase/elevator (atleast 300sft)

Small Auditorium (Approx 300 sqft)

Provide a storage/projection room.

Café/Giftshop (Approx 450)

Provide a small kitchen area and service entry

Virtual Critiques

1. Professor Munasinghe will be joining from Canada, and Professor Cho will be joining from Kent State. Both will be using Google hangouts. Professor Harsha Munasinghe is the former Head of the Department of Architecture, University of Moratuwa, Sri Lanka who is on sabbatical and a Professor at the Centennial College, Toronto. Professor Ji-Young Cho is an Assistant Professor at the College of Architecture and Environmental Design in the Kent State University

2. The critique will be conducted in the iLab. The students will present their presentation on the large screen, and will present the VRML models on another screen.

3. Camera 01 will focus on the presenter and the large screen with the presentation. Camera 02 will focus on the student audience. The large screen will be shared separately for better viewing by the critiques. The VRML model projected screen also will be shared for better viewing. One screen will be used to project the google hangout. A mic will transmit audio while a set of speaker in the iLab will relay audio back.

4. An online critique form will be used similar to the one shown below

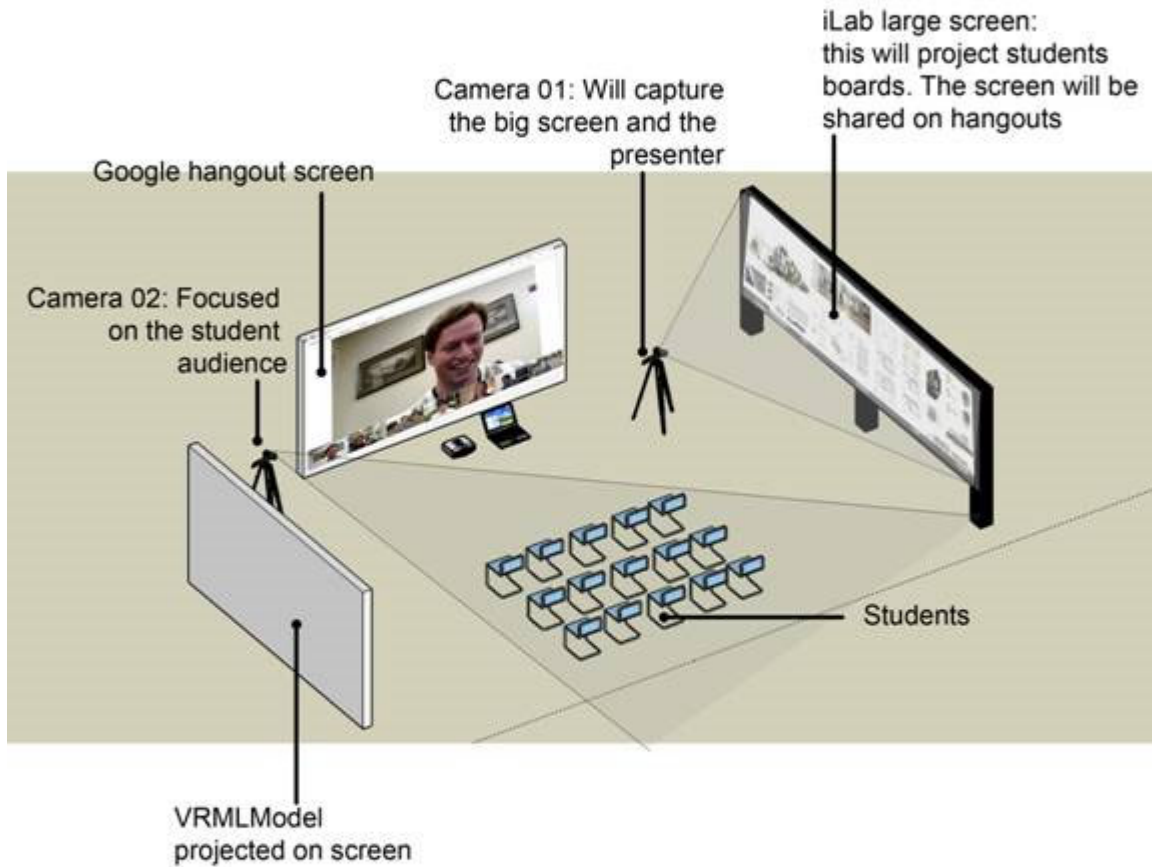
<https://docs.google.com/forms/d/1mL8yZijyK3DBmqbU5O80i6YfoL31y|hoEp1l8RfAPec/viewform>

Students too will use these to critique. They may use their phones, tablets or laptops.

5. Apart from sharing the screen of the VRML model, they will be also placed online and the links will be provided for the critiques, so that they will be able to manipulate the models and experience them.



1. Critique 01
2. Critique 02
3. Camera 01
4. Camera 02
5. ILab Screen share
6. VRML Model



The Virtual Critique setup

Location : Immersive Visualization Lab
 University of Missouri

