### Students' works

### Term Projects (1st Year Sustainable Architecture):

Samples of 1st Year Students' works, Fall 2021-2022

Course ARC111: Architectural Design Studio 1. Project: Sea-Front Chalet in North Coast.





Course ARC112: Architectural Model Making.

Project: Cubical geometrization of Architectural forms.









Course ARC111: Architectural Design Studio 1









Project: Architectural Presentation Model of a single family residential building.



Level 1 students work in Architectural Model Making course (2022-2023)

















 $\label{lem:model} \textbf{Model making course first project samples for students' kept work}$ 

Project: CUBIC MODEL











### Term Projects (2st Year Sustainable Architecture):

### Course: Architecture History and Theory



# Famous Japanese Architects anese architecture





### Kazuyo Sejima

















The Sendai Mediatheque







### Kisho Kurokawa

### Nakagin Capsule Tower



National Art center

The Hiroshima City Museum of Contemporary Art

The museum's design reflects the theme of "rebirth" and the city's history of destruction and resilience. The building's shape resembles a brid flight. Concrete and glass are used to create a modern and industrial aesthetic, while the interference of the contemporary of the cont





Louvre-Lens Museum







### Ryue Nishizawa





### Fumihiko Maki





Tokyo Metropolitan Gymnasium









# The Asakusa Culture Tourist Information Center in Tokyo



# Kengo Kuma

















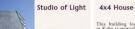


## Famous Japanese Architects Famous Japanese Archifects Panese ARCHITECTURE





Poly grand theatre



### Tadao Ando





### Araja Isozaki

Isozaki's architectural style is characterized by a combination of tradition elements and modernist architecture. His designs often incorporate geo bold colors, and he is known for his use of innovative materials and const

### The Museum of Contemporary Art in Los Angeles

# National Art center The Palau Sant Jord

The Qatar National Convention Center in Doha



# Yamanashi Fruits The Niigata City Performing Arts Centre



### Isuko Hasegawa









The D. T. Suzuki Museum The D. T. Suzuki Museum op in 2011. Dedicated to the life





### Yoshio Taniguchi



He worked briefly for architect Walter Gropius, who became an important influence. It is necessary to consider his strong interest in materials and materiality. For the last twenty years, he has shown equal interest in tile, metal, stone and glass.



### Shigeru Ban









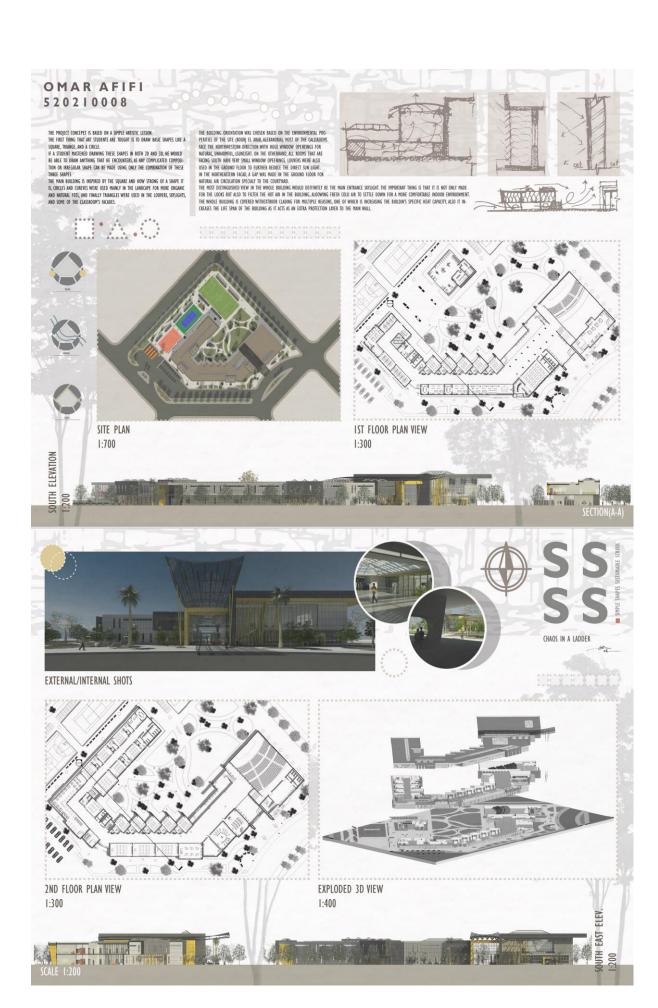


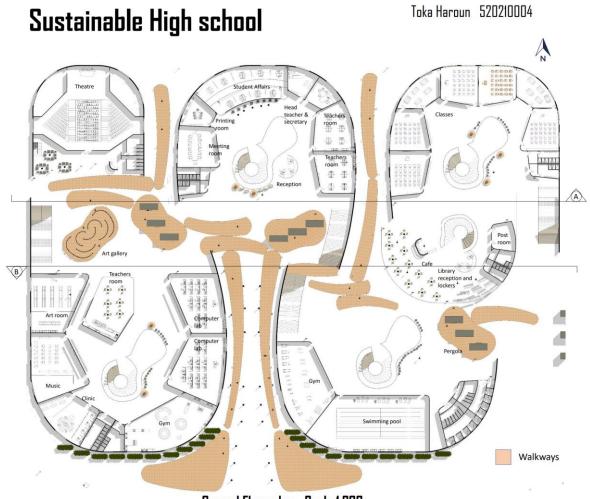




### Course: Architecture Design Studio -3







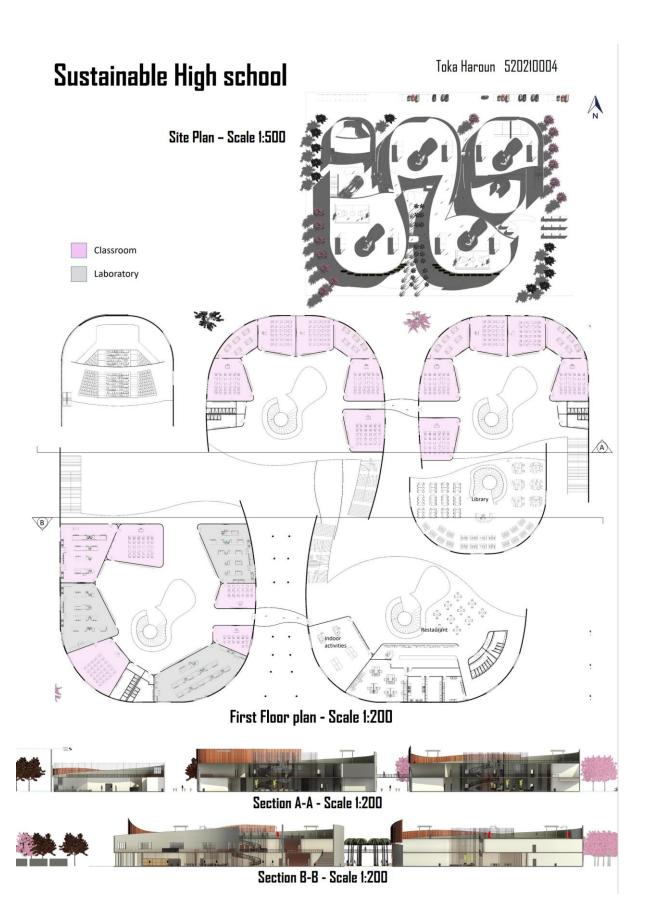
Ground Floor plan - Scale 1:200



South Elevation - Scale 1:200



North Elevation - Scale 1:200



### Toka Haroun 520210004

# Sustainable High school

# **Concept and morphology**

Keywords: Mitochondria

Energy

Growth

Closed community

Connected with nature Large surface area

A community like mitochondria; gets oxygen from the large, well-ventilated surface area, carbohydrates and nourishment from education and finally gives energy for students to learn and grow.

### Site Analysis

shade while allowing the breeze and fresh air to circulate and make the space cooler and naturally ventilated.

The surface area and atrium provides the best ventilation

its durability and stormwater-permeability to reduce flooding in rainy places like Borg



### Composition:

Buildings: A: Theatre

Entrance: 1: Main Students

B: Administration C: Classrooms

D: Library

3: Staff entrance E: Activities hub

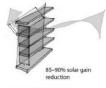
4: Entrance from F: Laboratories bicycles' parking

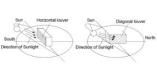
entrance

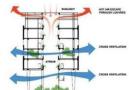
2: VIP entrance



TRUEGRID is an eco-friendly paving alternative to concrete and asphalt due to





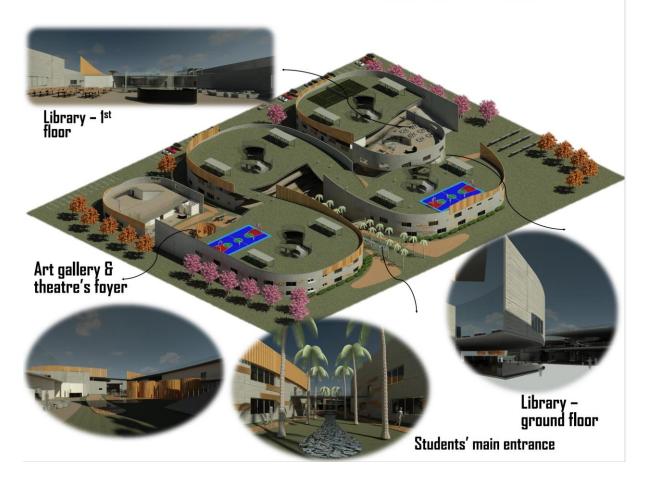












### Course ARC 224: Computer Modelling

