

PROJECT ABSTRACT FOR FINAL SUBMISSION

Project Title: Raindrop Rhapsody

Student's Full Name: Varinsanun Nimnuankul

Course: Design 1

Studio Brief Title: MASH-UP

Instructor's Full Name: Pakphum Youttananakorn

Short Project Description (100 words max.):

This design aims to create a space that deeply connects people with nature while offering a completely unique and immersive experience. By transforming the sound of rain into a musical journey, the space evokes calm and tranquility through evolving auditory experiences. As visitors move through different areas, they encounter distinct sounds that shift and change, providing a sense of peace amidst a busy world. The design integrates seamlessly with its surroundings, ensuring it feels tailored to the site. Ultimately, this space combines sound, nature, and design to create a soothing and inspiring environment for all who experience it.

Full Project Narrative/Text Description (300 words max.):

In Phase 1.1, I focused on exploring sound—its creation, amplification, and interpretation. Building on this in Phase 1.2, I drew inspiration from two key concepts: the redesigned speaker, which reimagines traditional sound amplification, and the sun reader, which transforms sunlight into a rainbow, capturing the dynamic shifts of light throughout the day.

I developed a spatial design that integrates the functions of both the speaker and the sun reader. The space, responding to its site's unique three-round shape, is designed as three interconnected drums that capture and transform the sound of rain, offering a distinct auditory experience. The rain is funneled through roof-mounted drums, creating echoes that reverberate within the structure, with each chamber producing a different pitch as one moves through. Concrete, chosen for its sound-reflective properties, amplifies the acoustics, allowing the resonance to extend beyond the space.

Additionally, contrasts in sound and spatial experience are introduced, with walkways shifting from wide to narrow, guiding movement and enhancing the sensory journey. Overall, the design fosters a deeper connection between humans and nature, using sound and space to evoke emotion and cultivate harmony with the environment.

In conclusion, this design integrates sound amplification and light transformation to create a unique sensory experience. By combining the functions of a redesigned speaker and sun reader, the space captures the dynamic sounds of rain and offers an immersive auditory journey. While shifting walkways guide movement and strengthen the connection to the environment. Ultimately, the design fosters harmony with nature, evoking emotion and deepening appreciation for the surrounding space.