

The Light Lab: Illuminating spatiality – Nursery 1 Atelier

Encountering Lights

We are constantly surrounded by lights. The existence of it has always been intriguing. Due to its visual spectuality, it allows us to manipulate different perceptions to utilise them into a whole new encounter. Its properties support numerous artistic and scientific theories while providing an immersive experience.



We began our findings through a body of experimentations. Children get to engage in an exploration of play together with other potential materials such as coloured bottles, mirrors and reflective papers and foils. This brings the intangible quality of light into a new perspective. Children encountered light while unpacking bodies of research of this natural phenomena with strategies that are both affective, rational and cognitive. Light, in fact, captivates the environment into magnifying curiosity and wonder, by amplifying and making them more spectacular.

Manipulating Lights

As we progress, more materials were added for children to transform lights in multiple languages. This includes materials that reflect and refract – transparent, translucent and opaque. Light itself dominates the entire surroundings with its alluring characteristics; allowing us to interact physically with both form and space.



With this, it brings play and experience together while children work on the physicality and quality of various lights and mediums used. Light art, as it's come to be known, can take multiple media forms, including sculpture, installation, and performance.



The chosen material will encourage children to explore the concept of light filtration; experimenting with the transmission and absorption of lights across different mediums. This inquiry takes on multiple possibilities that are boundless. Children get to explore the context of perspective by playing around with the distance, placements and light sources.

The ambiguity of light extends beyond its means. It gives children the space to compose, deconstruct and transform repurposed materials in many ways. As light is constantly changing, the experience matters the most. This invites children to wonder at, contemplate, investigate and interact with illuminated environments in an extensive dimension.

Light unpacks the concept of de-mystifying its properties by using familiar materials that create unfamiliar and evocative effects by manipulating elements that can be found everywhere. Our ability to produce and manipulate light remains endless as its possibilities continue to evolve. Since children have been fascinated by light and its natural behaviour and peculiarities, the development of technology has challenged the traditional artistic concepts into recreating powerful experiences, allowing them to go beyond and dominate the use of unconventional forms during their exploration.

