

Press Release



FOR IMMEDIATE RELEASE

Experience an immersive digital world at Marina Bay Sands with new teamLab artworks

Visitors can explore nature on a sensorial journey through Future World and Digital Light Canvas



New artworks by teamLab to be unveiled across ArtScience Museum and The Shoppes at Marina Bay Sands

SINGAPORE (25 November 2022) – From 26 November, visitors to Marina Bay Sands can journey through the skies and traverse the land and sea below as international art collective teamLab unveils several large-scale digital installations across two iconic landmarks at the integrated resort.

ArtScience Museum's permanent exhibition, *Future World: Where Art Meets Science*, as well as *Digital Light Canvas* by teamLab at The Shoppes, will reopen following extensive redevelopment works to reveal artworks that invite visitors of all backgrounds to experience these dynamic spaces in a new light.

Since its opening in 2016, *Future World* has welcomed close to 3 million visitors through its doors. Continually evolving as science, technology, and art progress, the exhibition will now present three interactive installations in a new gallery titled *Exploring New Frontiers*, that encourages visitors to see the skies above as a place of inspiration and discovery. At the same time, in its very first revamp, *Digital Light Canvas* by teamLab will unveil a new artwork that explores nature and biodiversity, focusing on endangered species and the roles that living things play within an ecosystem. Within this space, visitors can also turn their creations into unique souvenirs to bring home.

“Marina Bay Sands is delighted to be working with globally renowned art collective, teamLab, in bringing stunning new interactive installations to our audiences in Singapore. What makes teamLab so unique is their ability to immerse visitors in digital worlds, whilst simultaneously

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inspiring us to care more deeply about the natural world and our impact on it. The new artwork we are unveiling at *Digital Light Canvas by teamLab* explores biodiversity and the interconnected nature of living ecosystems, whilst shining a light on endangered species. In one of the most dramatic transformations we have undertaken so far, *Future World* at ArtScience Museum is also evolving with new installations that form a gallery called *Exploring New Frontiers*, which takes visitors on a journey outward and upward into the skies. These spectacular new interactive artworks are part of Marina Bay Sands' commitment to creating unforgettable experiences that will surprise and delight audiences as they return to visit us again and again," said Honor Harger, Vice President of ArtScience Museum and Attractions.

"We hope that by immersing themselves in the artworks with intention, understanding the complex and three-dimensional world with their bodies, and creating a new one with others, people visiting *Future World* and *Digital Light Canvas by teamLab* will be able to make new discoveries and develop new ways of perceiving the world," said Toshiyuki Inoko, founder of teamLab.

Future World: Where Art Meets Science

Exploring New Frontiers

Future World has undergone a major transformation to house a new gallery titled *Exploring New Frontiers* in place of *Sanctuary* and *Park*. Serving as a second chapter to the exhibition, the new gallery invites visitors to take flight and explore the world above.

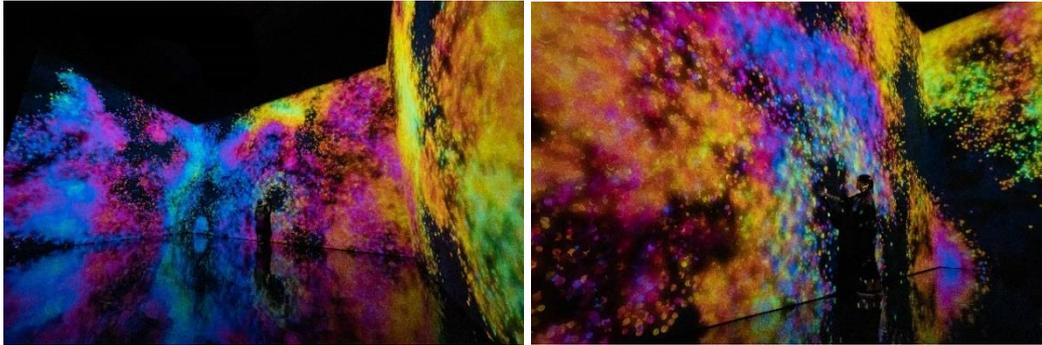
Since the beginning of time, the heavens above have been a source of inspiration for dreams, mythologies, and artistic visions. Humanity has also always looked to the sky with curiosity, observing celestial bodies, weather phenomena and birds in flight. Despite remarkable progress in mankind's pursuit of understanding life on Earth and beyond, much remains unknown. In addition to the mysterious forces that shape the universe, science is still uncovering more about the fundamental principles governing nature on this planet.

In *Exploring New Frontiers*, the sky becomes the focus. Visitors are invited to begin their journey by observing the phenomena of self-organisation – the natural emergence of order out of chaos – before taking to the skies alongside birds and aircraft to experience the world as other living creatures of the air perceive it. In the final section of the exhibition, teamLab will transport visitors into astronomical space with *Crystal Universe*, a dazzling installation which remains a crowd favourite. In each of the artworks at *Exploring New Frontiers*, the beauty of nature creates an environment for one's imaginations to soar.

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i. Autonomous Abstraction, Continuous Phenomena from the Universe to the Self



teamLab, *Autonomous Abstraction, Continuous Phenomena from the Universe to the Self* © teamLab

In nature, many fireflies can be observed gathering in one place and flickering at the same time to create a brighter glow in what can be referred to as self-organisation. Also known as 'spontaneous order' in the social sciences, this describes the natural emergence of order from what seems like chaos.

Autonomous Abstraction, Continuous Phenomena from the Universe to the Self is a new abstract installation that explores this phenomenon. In the artwork, points of light flicker and change in colour. As visitors interact with the artwork in a free and disordered manner, causing the points of light to disperse, the points that are closer to each other will gradually synchronise in hue and rhythm, giving rise to spontaneous order.

When these different rhythms influence and synchronise with each other, self-organisation takes place. This can be observed in many natural systems – from physics and biology to physiology and ecosystems. Scientists believe that when entropy – or the lack of order – increases in the universe, all entities will eventually collapse. Through this artwork, teamLab brings to the fore how miraculous it is that the Sun evolved, the planets in our Solar System were born, and that life developed on Earth followed by the existence of societies. teamLab muses that perhaps the universe, life, nature, and society continue to exist despite entropy because order is continuously formed on its own through self-organisation. It is suggested that one might imagine the universe and their own existence as a continuous order created by the same phenomenon.

ii. Aerial Climbing Through a Flock of Colored Birds



teamLab, *Aerial Climbing through a Flock of Colored Birds* © teamLab

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Certain birds, such as starlings, fly in the thousands in a swooping dance of intricately coordinated patterns that are known as a murmuration. These flocks neither appear to have a leader, nor have a way of communicating their planned movements.

In this artwork, visitors are invited to experience the world with one's entire body as they climb and navigate an aerial structure consisting of colourful horizontal bars suspended in mid-air. Each person's movement influences the artwork as well as others in the space, creating patterns of light, colour, and sound. Flocks of birds also soar freely around the installation, changing in colour whenever they fly close to people.

iii. *Sketch Flight*



teamLab, *Sketch Flight* © teamLab

This artwork explores the idea of flight by allowing visitors to see the world from the perspective of airplanes and living creatures in the sky. Visitors are invited to draw and colour airplanes, hawks and butterflies on papers provided, before seeing their creations become part of a virtual world projected against a giant screen. In an added interactive feature, visitors are also able to pilot their creations with a tablet.

The world is perceived differently by different living creatures. Coming from the German word for 'environment', the term *umwelt* refers to the unique sensory world of an organism. In comparison to humans, the *umwelt* of a hawk and butterfly is very different – hawks can focus on two things simultaneously, while butterflies have a 340-degree field of vision. In *Sketch Flight*, visitors can not only experience the world through their eyes, but also co-create the artwork together.

For more details on the artworks at *Future World*, please visit <https://www.marinabaysands.com/museum/exhibitions/future-world.html>

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Digital Light Canvas by teamLab

Digital Light Canvas by teamLab will introduce a new artwork called *Graffiti Nature – Red List, Digital Light Canvas* that replaces *Nature’s Rhythm*. This large-scale installation transforms the space into a digital menagerie of animals that roam freely alongside blooming flowers as they are brought to life from drawings made by visitors. Next to it, visitors’ creations can also be turned into special mementos at the brand-new Sketch Factory.

i. Graffiti Nature – Red List, Digital Light Canvas



teamLab, *Graffiti Nature - Red List, Digital Light Canvas* © teamLab

Visitors can let their imaginations run wild within *Graffiti Nature* – a new artwork featuring a digital ecosystem made of plants and living creatures drawn by visitors. Their drawings will come to life on a dynamic LED floor through innovative digital technology, captivating audiences of all ages as they interact with the animated flora and fauna moving freely around their feet.

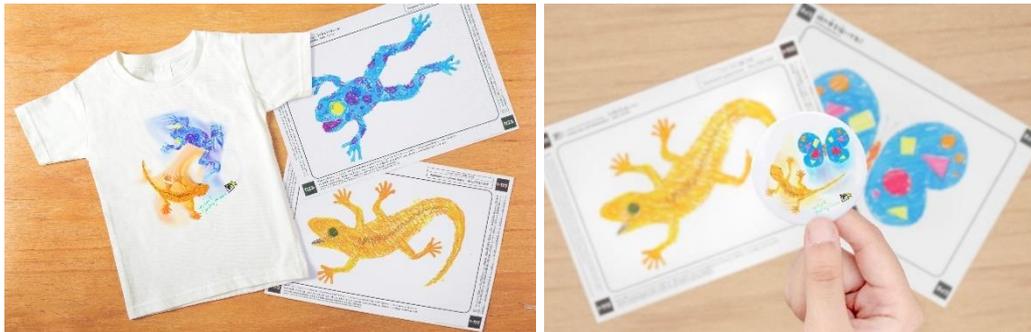
Each of the flowers, reptiles, insects, and amphibians depicted in the installation are endangered species from the Red List of the International Union for Conservation of Nature. In addition to the Siamese Crocodile, visitors can draw and learn about the Cave Racer Snake, Southern Torrent Frog, Borneo Birdwing Butterfly and the Calypso Orchid among many others.

Additionally, the artwork forms an ecosystem where visitors can experience the intrinsic ties between all living things. The creatures drawn by visitors will multiply if they eat others, but will disappear if they do not eat enough, or are eaten by other animals. In that sense, the artwork explores the circle of life within nature, and invites visitors to consider the fragility and richness of the natural world.

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ii. Sketch Factory



teamLab, Sketch Factory © teamLab

In a lovely new addition to *Digital Light Canvas by teamLab*, drawings created in *Graffiti Nature* can be made into uniquely personal memorabilia for visitors to take home with them at Sketch Factory. These souvenirs include a tin badge, t-shirt, and tote bag

Orders can simply be made at the order terminal in the Sketch Factory, and items will be fabricated right on the spot.

For more details on the artworks at *Digital Light Canvas by teamLab*, please visit <https://www.marinabaysands.com/attractions/digital-light-canvas.html>

Launched in 2016, *Future World* was created in collaboration with teamLab, the multi-award-winning international art collective renowned for its immersive artworks. The exhibition has since captivated visitors over the past six years with its ever-changing galleries of artworks that explore the intersection of art, science, technology, and the natural world.

Digital Light Canvas by teamLab in The Shoppes at Marina Bay Sands offers visitors an unprecedented multi-sensory experience through the combination of cutting-edge technology and a majestic 14-metre-tall light sculpture suspended from the ceiling. Featuring different interactive show modes accompanied by unique soundtracks, visitors can encounter a convergence of light and nature in this installation that has further established Marina Bay Sands as a leading destination for remarkable experiences.

Tickets and Reservations

Tickets for the transformed *Future World* and *Digital Light Canvas by teamLab* are now available for advance purchase at all Marina Bay Sands box offices and website. From **26 November till 31 December 2022**, visitors can also get tickets to both under a special promotional bundle at \$28. Due to limited capacity, guests are strongly encouraged to pre-purchase tickets online prior to their visit.

Ticket bundle prices are as follows:

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	SINGAPORE RESIDENT (SGD)	STANDARD TICKET (SGD)
Adult	25	28
Concession	21	23
Family	76	84

Please visit <https://www.marinabaysands.com/attractions/teamlab.html> for more information.

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About Marina Bay Sands Pte Ltd

Marina Bay Sands is Asia's leading business, leisure and entertainment destination. The integrated resort features Singapore's largest hotel with over 2,200 luxurious rooms and suites, crowned by the spectacular Sands SkyPark and iconic infinity pool. Its stunning architecture and compelling programming, including state-of-the-art convention and exhibition facilities, Asia's best luxury shopping mall, world-class dining and entertainment, as well as cutting-edge exhibitions at ArtScience Museum, have transformed the country's skyline and tourism landscape since it opened in 2010.

Marina Bay Sands is dedicated to being a good corporate citizen to serve its people, communities and environment. As one of the largest players in hospitality, it employs nearly 10,000 Team Members across the property. It drives social impact through its community engagement programme, Sands Cares, and leads environmental stewardship through its global sustainability programme, Sands ECO360.

For more information, please visit www.marinabaysands.com

About ArtScience Museum

ArtScience Museum is a major cultural institution in Singapore that explores the intersection between art, science, technology and culture. It is the cultural component of Marina Bay Sands. Since its opening in February 2011, ArtScience Museum has staged large-scale exhibitions by some of the world's major artists, including Leonardo da Vinci, M.C. Escher, Salvador Dalí, Andy Warhol and Vincent Van Gogh, as well as exhibitions that explore aspects of science and technology – including particle physics, big data, robotics, palaeontology, marine biology and space science. For more information, please visit www.marinabaysands.com/museum.html

About teamLab

teamLab (f. 2001) is an international art collective. Their collaborative practice seeks to navigate the confluence of art, science, technology, and the natural world. Through art, the interdisciplinary group of specialists, including artists, programmers, engineers, CG animators, mathematicians, and architects, aims to explore the relationship between the self and the world, and new forms of perception.

In order to understand the world around them, people separate it into independent entities with perceived boundaries between them. teamLab seeks to transcend these boundaries in our perceptions of the world, of the relationship between the self and the world, and of the continuity of time. Everything exists in a long, fragile yet miraculous, borderless continuity.

teamLab: <https://www.teamlab.art/>

Instagram: <https://instagram.com/teamlab/>

facebook: <https://www.facebook.com/teamLab.inc>

twitter: https://twitter.com/teamLab_net

YouTube: <https://www.youtube.com/c/teamLabART>

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