

The New Clore Garden of Science



ע"ש קלור
Clore Garden
of Science
حديقة العلوم
على اسم كلور

גן
המדע





The Weizmann Institute's iconic open-air science museum—the Clore Garden of Science—is undergoing a major renovation! With new and improved exhibits, upgraded tech, and a fresh, modern pedagogical approach, this reinvented science playground will delight visitors of all ages and show them the world of science as they've never experienced it before. The renovation launched in 2019 thanks to a visionary gift from the Clore Israel Foundation.

The vision



Science is a great game. The playing field is the universe itself.”

- Nobel Laureate Isidor Isaac Rabi



Since its first exhibit was built in 1979, the Clore Garden of Science has transformed how the Israeli public engages in scientific discovery.

With a beautiful and ultramodern layout that harmoniously blends the worlds of science, art, nature, education, and culture, the renovated Garden of Science will further cultivate an open dialogue among students of all ages, and foster broader discussions about how science plays into our daily lives.

Echoing the vision of the **Davidson Institute of Science Education**, with experiments that encourage individuals and groups to interact, labs and open spaces that allow visitors to explore freely, and evolving exhibits and activities that will challenge and inspire participants, the new Clore Garden will impart an important message: every person matters, and every one of us has the power to make a difference in the world.

14,000 M²

of educational exhibits, pavilions, and installations

900-METER

dynamic water system

150

plant species from all over the world

The design



Indoor science center



Outdoor science park



Exhibition hall

Situated on the lush campus of the prestigious Weizmann Institute of Science, the new Clore Garden of Science includes an indoor museum, an outdoor playscape, and an exhibition hall. Though distinct in their own ways, these three areas draw from and play off of each other, offering unique perspectives on scientific concepts and highlighting the different elements that make up our natural world.

Indoor science center

This two-story 1,400 m² building houses research laboratories, exhibition areas, and learning spaces—all designed for maximum participation for a wide range of audiences.

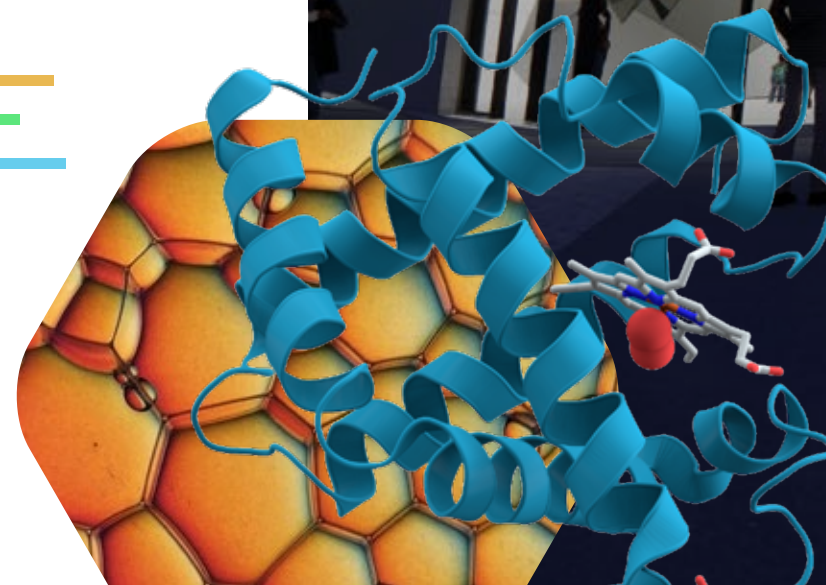
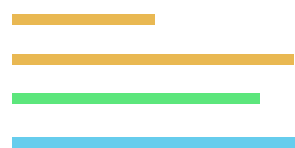
Outdoor science park

Each outdoor exhibit area explores a different element of nature—from light and movement, to earth, matter, and more. The open-air space also includes five outdoor classrooms, an amphitheater, and WaterWorks—a dynamic water system that connects all areas of the Garden.

Exhibition hall

An ultramodern facility located prominently within the Garden of Science, the exhibition hall will host temporary exhibits as well as science education activities and events.

Explore. Experiment. Enjoy!



Construction timetable

Phase 1

Main building & Legacy Square

Main building

Completed

2022



Interior learning spaces

Completed

2022



Legacy Square

Completed

2022

Phase 2

Outdoor science park

Themed exhibits, learning spaces, amphitheater, WaterWorks, EcoSphere

Commenced

Anticipated opening: Q3 2023



Phase 3

Exhibition hall

Building construction

Commencement

2024



Take a virtual tour of the new grounds.



Naming Opportunities

Indoor science center



Lobby

The first area visitors encounter upon entering the main building, the lobby incorporates visually stimulating exhibits in a large open space. With floor-to-ceiling windows, it also offers a spectacular view of the outdoor Garden grounds.



Culinary lab

Here, visitors use the everyday art of cooking to learn about physics, chemistry, biology, and more.



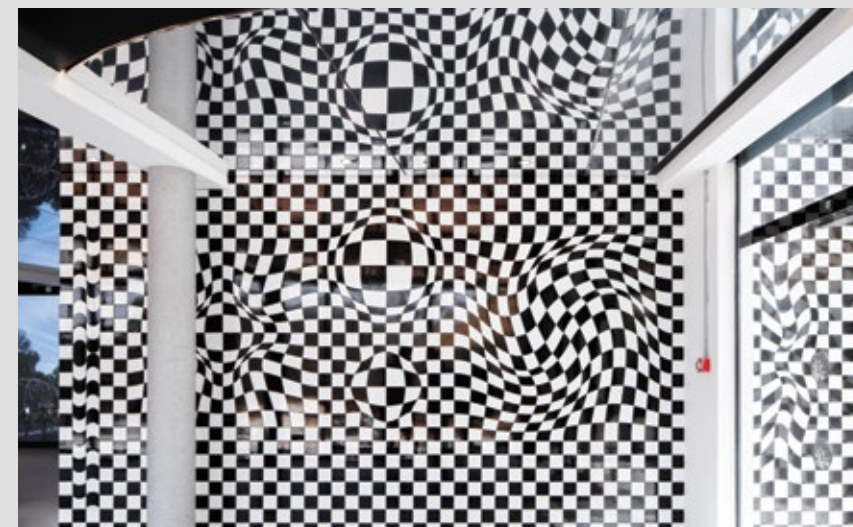
Multidisciplinary lab

This biology-themed space offers individuals and groups alike the opportunity to use a variety of lab equipment to explore biological specimens and phenomena.



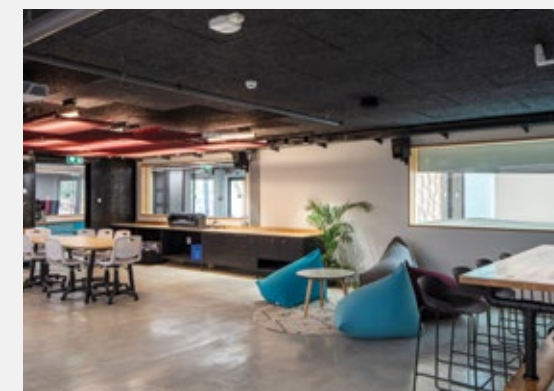
ART lab

Designed to encourage hands-on project-based learning, the ART (Art, Raw materials, Textiles) workshop provides visitors with larger equipment for building with coarse materials.



AI media lab

Using the latest technology and equipment, visitors learn about artificial intelligence concepts and digital design.



Makers lab

Outfitted with high-tech tools and machinery, this space allows visitors to design their own personalized equipment, either through guided activities or self-exploration.



Open source

A meeting place for scientists, museum staff, students, and members of the general public to collaborate and share in scientific discovery.

Naming Opportunities

Outdoor science park

Thematic exhibits



Light

Experience the intangible nature of light and learn about the fascinating world of vision, perception, and illusion.



Movement

Using gravity and water, this exhibit will provide endless possibilities to explore how things move.



Code

Dive into the world of computing by rearranging physical blocks to program musical sounds, water sprinkler patterns, and light designs.



Life

Learn about the unseen intricate processes of the human body by experiencing it in a larger-than-life model. Step inside and take control of an organ or two!



Matter

Investigate the structure, scale, and properties of all types of matter—from the smallest subatomic particles to the largest celestial bodies.



Brain

Whether traversing through the mindfulness maze or taking in the tessellation exhibits, visitors will be transported to a mind-bending world of skewed perception and illusion, where neuroscience and math intersect.



Earth

Journey through a village of bridges, composting, and a living treehouse! Focusing on the interaction between people and nature, this exhibit will address sustainability and climate change.



Growth

Marvel at the magical world of plants and the fascinating process of photosynthesis. This exhibit will examine how technology can be used in botany.

Outdoor spaces



Legacy Square

Experience the evolution of the Garden of Science, from its pioneering accomplishments to its transition into an ultramodern facility. The first outdoor area when entering the Clore Garden, Legacy Square displays some of its most timeless and beloved exhibits.



Amphitheater

This uniquely designed space will double as a giant periodic table, where each seat is a different element. With the capacity to host groups of up to 250 people, the amphitheater will highlight the elements and chemical composition of our world, while providing a large-scale performance space.



WaterWorks

This 900-meter-long water system will be an integral part of every exhibit in the outdoor science park. Winding through experiments and beautifying the landscape, WaterWorks will be a continuous reminder of the necessity, beauty, and power of one of our most valuable resources.



Learning Spaces

Various learning areas will be positioned outdoors to provide meeting points for experimentation and discussion. Each of these “labs” will be equipped with water, electricity, gas, and computer screens.

Exhibition hall



Located on the northwest edge of the Garden of Science, adjacent to the future Azrieli Institute for Brain and Neural Sciences, the exhibition hall will serve as a bridge between the cutting-edge science of the Weizmann Institute and the educational landscape of the Clore Garden and the Davidson Institute, bringing activities, lectures, performances, and events to science enthusiasts of all ages.

Equipped with 360-degree interactive sound and projection, the hall will run via an innovative Internet of Things (IoT) network—one of the most important technologies of the 21st century, which allows for seamless communication between people, processes, and things by connecting everyday devices to the Internet.



The Weizmann Institute of Science and Davidson Institute of Science Education invite you to support this exciting project and **become a partner in one of the most innovative endeavors in STEM education**, promoting scientific literacy while fostering a love of science and the exceptional potential it holds.



The Davidson Institute combines outstanding science, innovative pedagogies, and excellent professionalism resulting in state-of-the art, creative, and exciting science engagement for all.”

- **Dr. Liat Ben David**
CEO, Davidson Institute of Science Education

The renovated Clore Garden of Science is a result of the collaborative design and development between the Davidson Institute of Science Education and Fast Music Ltd.



The Clore Garden of Science is a wonderland of learning. It enriches our campus, ignites and deepens a love of science among all ages, and is the playground of Israel’s future leaders in science.”

- **Prof. Alon Chen**
President, Weizmann Institute of Science
Chairman of the Board, Davidson Institute of Science Education



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