

The cutting-edge technology of the future means comfort for people and kindness to the Earth.

Humanity's constant search for ways to improve people's lives has been the driving force behind scientific and technological development. This quest continues now as we head into the future. Look very carefully, however, and you will see that the next generation of cutting-edge technology is different in nature from what has come before. While one goal is of course for humans to be able to live more comfortably, giving consideration to the environment is a major factor as well.

The transportation of the future will emit no harmful gases.

Next-Generation Vehicles

IMTS

These three driverless vehicles will move in convoy formation on a special road in the Nagakute Area.



Ultrafine Image System Super High-Definition

Experience amazingly clear pictures and three-dimensional sound presented by next-generation technology.



Ultrawide Seamless Screen

This 2,005-inch screen (10m X 50m) will be the largest theater the world has ever seen.



WAKAMARU

Wakamaru is a futuristic household robot at the Mitsubishi Pavilion@Earth. Wakamaru talks and moves around on its own.

Be amazed at what awaits!

The Latest Hardware



◆ Mitsubishi Pavilion @Earth

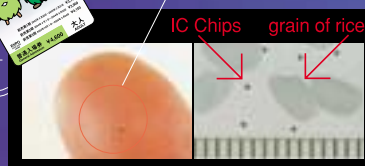
What would the Earth be like if there were no moon? This hypothetical world is imagined and presented using the latest technology, allowing visitors to experience the amazing relationship between the Earth and the moon.

IFX Theater

Using a mixture of images, mirrors, and sounds, visitors will enjoy an unprecedented experience that lets them feel as though the images are actually there.

IC chips

At 0.4 millimeters square, these tiny devices embedded in EXPO 2005 tickets are smaller than a grain of rice.



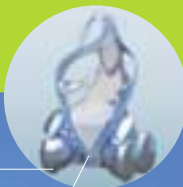
Small but amazing Lifestyle of the Future



JR Central Pavilion: Invitation to the Ultimate Surface Transit System

JR Tokai Superconducting Linear Motorcar

See the linear motorcar that set the world speed record at 581 kph. Visitors can experience this new technology via a virtual ride inside the pavilion.



i-unit

Not a simple car, this futuristic vehicle is designed to become a part of the passenger. It can be seen at the TOYOTA GROUP PAVILION.



FCHV-BUS

Unlike gasoline or diesel motor vehicles, these fuel-cell hybrid buses, which will carry visitors between the two venues, emits no carbon dioxide or harmful pollutants.



Linimo

This linear motor car, which floats above the rails using magnets, runs very quietly and has a low environmental load. Visitors can take Linimo to the Nagakute Area from Banpaku Yakusa Station or Fuji-gaoka Station.

Fuel-cell vehicles

Because these vehicles use hydrogen for fuel, they emit no harmful NOx or carbon dioxide. These vehicles of the future are easy on the environment. Fuel-cell vehicles provided by Daimler Chrysler AG and Toyota Motor Corporation will guide special visitors on National Days and Special Days.

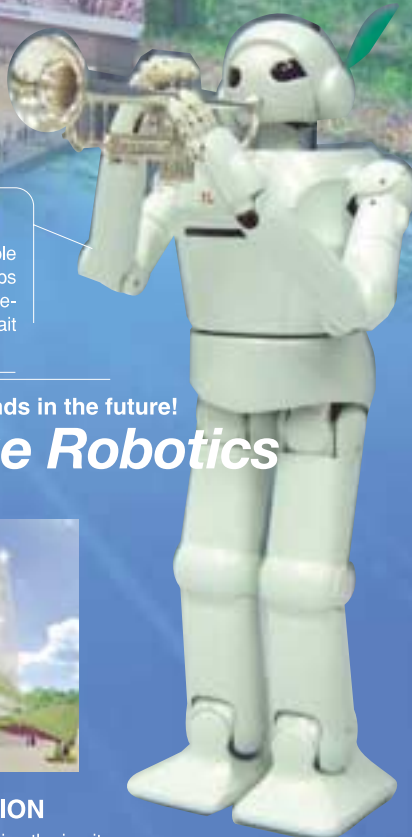


Travel forward in time to see the city of the future,
which will be easy on the Earth.

Urban Space of the Future

Toyota Partner Robot

This incredibly life-like robot is capable of extremely precise movement of its lips and hands. Robots with even more-developed shapes and functions await inside the pavilion.



Meet what may be your friends in the future!

Cutting-Edge Robotics



◆ TOYOTA GROUP PAVILION

There will be performances here involving the i-unit, a futuristic vehicle and the Toyota Partner Robot.

Bio-lung

This wall of plants and flowers will absorb carbon dioxide, supply oxygen, and act as a lung that breathes for the city of the future.

ECOVIEW

Bio-lung

The Bio-lung offers a chance to apply the brakes to global warming and other serious environmental problems. This massive green wall, which is filled with plants and flowers, harnesses the power of plants to absorb carbon dioxide, supply oxygen, and cool the surrounding area in the summer. Bio-lung will improve a city's living environment and reduce its environmental load.

TOYOTA GROUP PAVILION: Generating electricity through wind power

Outside the TOYOTA GROUP PAVILION will be the largest windmill in Japan, capable of generating 1,980 kilowatts of electricity through wind power. This windmill will be used to generate the same amount of power used by this pavilion for the duration of EXPO 2005. After the Expo, it will become part of the area's clean-energy infrastructure, contributing to cuts in the production of carbon dioxide.





A

※The mammoth will be displayed at the Global House in the Central Zone.

Taking care of nature means protecting the Earth, a message conveyed by 11 exhibits spanning 4 genres.

Learning about the importance of nature through extinct animals

◆ The Global House - Symbol Pavilion for EXPO 2005

A

The Global House will trace the history of the Earth and humanity through amazing exhibits gathered from throughout the world, combined with video presentations using the world's biggest screen, measuring 2,005 inches, and super-high-definition Hi-Vision technology.

◆ Mammoth

This is a joint Japanese-Russian project to excavate and display a frozen mammoth at EXPO 2005. We will consider why this creature went extinct.

◆ Hitachi Group Pavilion

B

Visitors will enjoy a ubiquitous entertainment ride that takes them through five zones. They will come into contact with rare animals through the use of ubiquitous technology.

Having fun and learning in natural surroundings

◆ Japanese Garden

C

Japan excels in making things, and this garden skillfully represents the process and the time involved. This is the perfect location for quiet stroll.

◆ Forest Nature School

D

Visitors will be able to enjoy nature by taking a walk through the forest or creating crafts using natural materials.



B



C



D



E



F



G



◆ Village Nature School

E

Through the guidance of an interpreter, visitors can learn about the wisdom and culture of coexistence with nature and experience the nature of satoyama.

Performances that convey nature

◆ EARTH TOWER NAGOYA CITY

F

Producer Fumiya Fujii will present the world's largest kaleidoscope. This tower will be a place in which light, wind and water come together to create performance art.

◆ Aichi Pavilion Seto

G

Advanced high-resolution technology will present images of nature's bounty in the Forest Theater.

◆ Japan Pavilion Seto

H

The wisdom, technology and spirit of Japanese will be shared through a group reading of the epic poem "The Seeds of Sophia" (tentative name). The interchange of words, sounds, images and light will be brought together in a dramatic space.

Experience through Participation

◆ Satsuki and Mei's House

I

This is a realistic re-creation of a house from long-ago Japan, where people enjoyed a slow and peaceful life.
※Access is by reservation. It is necessary to book a date and time in advance. The limit is 800 persons per day.

◆ Aichi Pavilion Nagakute

J

The Aichi Festival Plaza will be the venue for festivals and traditional performing arts from communities throughout Aichi Prefecture. Another major attraction will be the spectacular performances at the "Let's Save Our Planet" which will serve to educate the audience.

H



J

