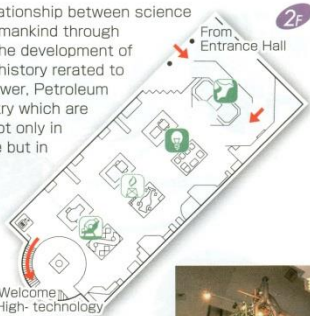


History of Industry

To study the relationship between science technology and mankind through introduction of the development of technology and history related to the Electrical power, Petroleum and Steel Industry which are key industries not only in Chiba prefecture but in Japan.



First Blast at Kawasaki Steel Corporation in Chiba (1/10 Model)



Ford model T (Original Model)



Turbine Rotor at the First Thermal Power Station in Chiba (Original Model)

The History and Future of Chiba's industry

The Keiyo Industrial Area
The History of Chiba's Industry Prefecture

First Use of Electricity, Petroleum, and Iron

First Use Electricity
First Use Petroleum
First Use Iron

Electric Power Industry

Early Development/Beginning of Power Generation
Beginning of Mass Production of Electric
Beginning of Mass Consumption of Electric
Today's Power Plants

Petroleum Industry

Early Development/Kerosene
Beginning of Mass Production of Petroleum
Beginning of Mass Use of Petroleum
Today's Petrochemical Complex

Iron and Steel Industry

Early Development/Iron making by Using of Charcoal
Beginning of Mass Production of Iron and Steel
Beginning of Mass Use of Iron and Steel
Today's Iron and Steel Works

Welcome to High tech

How are the cutting-edge technologies applied in various fields changing our lives and industrial society? In this section are introduced electronics, new materials and biotechnology among others.



Experiment using liquid nitrogen at -196°C



Photomultiplier tube (Original Model)



Experiment Counter

The Technology of High-Technology

What High Technology Is?
Creating Extreme Environments

Experiment Theater ①
Experiment of freezing and super conductivity
(About 15 minutes)

Electronics

What Electronics Is?
The World of Electronics
Electronics Experience

New Materials

What New Materials Are?
The World of New Materials.

Biotechnology

What Biotechnology Is?
The World of Biotechnology

High Tech and the Global Environment

What the Global Environment Is?
Global Environment Change
Monitoring the Global Environment

Experiment Counter ②

Scientific experiment, using new materials
(About 15 minutes)

Experimental plaza

Using a Hand-on exhibition to discover the principal of science that is used in daily industrial products and everyday goods, and experience the beauty and wonder of daily scientific phenomenon.



Experimental plaza

Science of Creativity

Bubble Labyrinth
Atom Pattern
Popping Ring
Dancing Water
Resonating Pan
Climbing Waves
Infinite Space
Spinning Top Illusion
The World of the Curved Mirror
Tunnel of Light
Tornado
Floating Ball
Ball circus

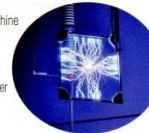
Science of Daily Life

Techno-Box
Water Powered Rocket
Magic motor
Pin Hole Camera
Anthony Camera
Autofocus Camera
3D Animation
Voice Game
3D World
Centrifugal Experiment Machine
Pendulum
Vortex
Listening Parabola
Human Battery
Power Generation by Manpower

Lightning Hall ③
(About 10 minutes)
Three kinds of Discharge

Science Stage ④
(About 20 minutes)
Puppet shows depicting lives of famous scientists and inventors.
Entertaining Scientific Experiments

Gulliver's Straw
Gulliver's Soap Bubble



Lightning Experiment of Creeping Discharge



Puppet shows at Science Stage

Workshop

This is a section for pilot experience by a flight simulator. (Experience only on limited days)

Special Exhibition Corner

Small scale exhibitions of scientific technologies are held.

Science Information Corner

This is a section for those who wish to Know more in detail about the museum or scientific technologies.

Laboratory/Study Room

Workshops are held in the laboratory. Lectures and study sessions are held in the study room.

Science Dome

Here, with one of the widest dome screens in Japan with the diameter of 23m, spectacular planetarium and large-scale films are shown on limited term basis.

Science Dome Gallery

Small scale exhibitions or material collection exhibitions are held. (Science Dome 1F)