Elementary School Edition Supplementary Volume (Condensed Version)

# 2025年日本国際博覧会 ジューア EXP 2025年日本国際博覧会 2027 2025





競輪の補助事業

#### Expos around the world Cutting-edge technology and ideas

From the National Diet Library website



International Exposition of 1867, Paris

Eh

Great Exhibition of 1851, London a - Almemorable first expo venue



tip share all

saka



Delegation from Japan



-Venue

#### Japan World Exposition Osaka 1970 (Expo '70) Many gathered to see a foretold future

THE MAN IN STREET, MANNING & MANNING



The Tower of the Sun,

part of the theme pavilion

Opening ceremony Theme pavilion:

Underground exhibition space - Humans



Scenery from the venue

Theme pavilion Underground exhibilition space - P



Opening ceremony



U.S. Pavilion Moon rock

#### Expos in Japan Thinking about the future on various themes









at the venue







Closing ceremony





Expo 2025 Osaka, Kansai, Japan (Expo 2025)





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### Japan and world expos (international expos)

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EF Education First Japan Ltd. is an Educational Program Supplier of Expo 2025.

Expos are places where many people from across the world gather together and think about the future. Let's think about the future together! Japan and world expos (international expos)

What does it mean to hold an expo?



### How are Japan and expos connected?

International expos attract the attention of people all across the world. To date, five expos have been held in Japan.

The technologies and ideas presented at each represent the image of the future as imagined by the people of the time.



exhibitions and expos different?

An exhibition is an event that showcases a collection of various new technologies, arts, and culture, helping people think of the future.



World + exhibition = Expo ("World" here means many countries)

Expos are international exhibitions where people from many countries participate, and they attract the attention of the whole world. Let's take a look at how Japan is connected with expos!



### First time participating in an expo

The first world expo that the Japanese government participated in was the Vienna World's Fair in Austria. A variety of things from Japan were brought to the event to show the world the best of Japan.





In preparation for the Vienna World's Fair, the collection of items from across Japan were once displayed in Tokyo at Yushima Seido.

### Expo beginnings in Japan

Thanks to participating in the Vienna World's Fair, expos were held in Japan one after the other. Let's take a look at these expos.



# 1877 First National Industrial Exhibition

Toshimichi Okubo helped promote this expo as he was active in the Meiji government who wanted to modernize Japan. It was a venue where the technologies of Europe, America, and Japan could meet.





What kind of Japanese technologies were showcased there? Let's take a look at some pictures!



chives NOMURA C



#### 1895 Fourth National Industrial Exhibition

This was the first place in Japan to have a streetcar, which carried many visitors to the expo.

This even also resulted in the development of roads and Japanese inns, forming the foundation of Kyoto as a sightseeing city.

> There were also places where people could view aquatic creatures from the side, or in other words, what we call an aquarium today.

### **Osaka** 1903 Fifth National Industrial Exhibition

Various items from countries around the world were displayed in the reference museum built with future expos in mind, and a record-breaking number of people visited.





As you can see in the picture on the left, many people visited even at night. What are these nighttime visitors enjoying? (1) A haunted house Answer (2) A light display (3) Fireworks

### An international expo finally comes to Japan

Japan's first international exposition was held in Osaka.





Theme for Mankind

This was the first international exposition held in Japan. It showcased a collection of the latest technologies from around the world, drawing visitors from around Japan and the globe.

### Expo '90

### The Harmonious Coexistence of Nature and Mankind

Visitors were inspired to think about the coexistence of nature and mankind in the Field Area, City Area, and Mountain Area.



Expos: Expos authorized by the International Bureau of Expositions (BIE). They are also called world's fairs.

Okinawa



#### I Theme The Sea We Would Like to See

Okinawa 1975

The theme of this expo was the ocean. The artificial island of Aquapolis garnered attention as a model for future marine cities. It was redeveloped into what is now the Ocean Expo Park, where the Okinawa Churaumi Aquarium is located.

#### Theme Dwellings and surroundings - Science and Technology for Man at Home

You could say that this was the starting point of Japanese science and technology, and it was here that the latest scientific, technological, and industrial ideas were introduced.

## Nickname: Ai-chikyuhaku



### Expo 2005

#### ار <u>Theme</u> Nature's Wisdom

This event explored the 21st century relationship between nature and mankind, aiming to make proposals on the subject.

The venue was designed to be harmonious with the natural environment. Many ecological initiatives using the latest technologies could be found at the venue.







#### Quiz 2

The Bio Lung greening wall was installed at the Expo 2005 venue. What were some of the benefits of the Bio Lung?

- It helped prevent rising temperatures in the city
- Answer
- ② It helped warm the venue
- ③ It emitted powerful wind





Initially, the focus was on technological progress, but this gradually shifted to the <u>Earth and</u> <u>environment</u> along with the changing times.





Let's take a look at the timeline to see how expos and exhibitions are related to events across the world and Japan.



Expos are really connected to society of the time!





What kind of event will Expo 2025 be?

20			21
Scientific and			
technological progress	Environme	ental issues intensify	Tackling global-scale issues
1969 Apollo 11 successfully lands on the Moon	International conferences on global environment issues held		■ Globalization continues
Showa period		Heisei period	Reiwa period
■ Japanese economy ■ Po develops (period of rapid economic growth)	ollution intensifies	1997 Kyoto Protocol adopted	
Countries around the world drove scientific and technological progress as if competing, and expos became a venue for showcasing the results. Scientific and technological progress	environmental Solutions to su at expos.	gins to focus on issues. uch issues are presented nvironment	Ideas are presented to enable both a healthy environment and prosperous lives. A sustainable society
Scientific and technological progress		WIOHINEIT	A sustainable society
Fill in the correct word! 1970 Expo '70 (Osaka, Japan) and Harmony for Mankind" This was the first international	1974 International Exp the Environment, "Progress withou	Spokane 1974 (U.S.A.)	2010 Expo Shanghai 2010 (China) "Better City - Better Life" 2015 Expo 2015 Milan (Italy) "Feeding the Planet, Energy for Life" 2020 Expo 2020 Dubai* (United Arab Emirates) "Connecting Minds, Creating the Future" *Actually held in 2021
His was the institute mational expo held in Asia, and many developing nations participated. It helped showcase scientific and technological progress to the world as well as deepen international understanding.	*The We 1985 International Exh "Dwellings and - Science and	bisition, Okinawa 1975 (Okinawa, Japan) Would Like to See" Challenge Fill in the correct word! Fill in the correct word! bistion, Tsukuba Japan 1985 (Ibaraki, Japan) surroundings Fechnology for Man at Home" 1990 International Garden and Greenery Exposition 1990 (Osaka, Japan) "The Harmonious Coexistence of Nature and Mankind"	2005 Expo 2005 ("Ai-chikyuhaku" Aichi, Japan) Wisdom" The venue, which aimed for coexistence with nature, incorporated various environmentally-minded ideas such as using natural energy sources and recyclable materials.
Quiz 2			CGISPRI
Olt helped prevent rising temperat The Bio Lung absorbed carbon c is the cause of global warming, I temperatures from rising, and w bring calm to the city	dioxide, which helped keep	CGISFR	2025 Expo 2025 "Designing Future Society for Our Lives."

bring calm to the city. Various improvements were made to the venue that were environmentally friendly and made it a comfortable place for visitors.





# What kind of event will Expo 2025 be? What kind of event which Japan will hold in 2025 be?

		om the themes see the futures	'				
	1970	1975~1976	1985	1990	2005		2025
Ехро	Expo '70 (Osaka)	International Ocean Exposition, Okinawa 1975 (Okinawa)	International Exhibition, Tsukuba Japan 1985 (Ibaraki)	Expo '90 (Osaka)	Expo 2005 (Aichi)		Expo 2025 (Osaka)
Theme	Progress and Harmony for Mankind	The Sea We Would Like to See	Dwellings and surroundings - Science and Technology for Man at Home	The Harmonious Coexistence of Nature and Mankind	Nature's Wisdom		?
			What is the t	heme for the u	pcoming Expo	202	25?

### ● About Expo 2025

Let's look at a video presentation of Expo 2025.

#### \*The Future Expos Aim For

Let's watch the video presentation and note what you learned and what you thought was important!



#### Expo 2025 April 13 - October 13



### Expo 2025 theme: "Designing Future Society for Our Lives."

The world is currently undergoing major changes. The development of science and technology has enriched and made our lives much more convenient.

On the other hand, in places called "developing nations," many people live in situations that are not enriched or convenient. The theme of "Designing Future Society for Our Lives" aims to have all people around the globe thinking about "What is a happy life?" and to come up with ideas and solutions that achieve brilliance for all lives in future society.

#### ····· A world heading for great change ·····

New technologies such as AI and biotechnology       Developed and developing nations       Changes in the way people connect       Changes in the way people connect       Changes in the way people connect         *What does happiness mean to me?" "How can I live a happy life?"       *What is a happy society for all people?       Changes in lifespans advancements in medicine

#### Expo 2025 theme

### Designing Future Society for Our Lives

This is an expo where everyone around the world can think of the question "What is a happy life?" and consider a future society where life is brilliant.



It is you who will live in the future. What kind of life do you want to live?

### Japan and world expos (international expos)

The SDGs are common global goals swear to "Leave No One Behind."

With the entire world working toward the same goals, the SDGs are the same as the Expo 2025 theme "Designing Future Society for Our Lives," which takes into consideration the happiness of each person on Earth.

Having people from across the globe gather together, talk about ideas for creating the future, and think of new ideas is a way to bring us a bit closer to achieving the various initiatives set forth in the SDGs.



#### 17 goals to achieve by 2030

These are goals set to solve problems around the world. The SDGs aim for a world where no one is left behind. That's the same as the Expo 2025 theme!



#### Three "Lives" that are hints for thinking about lives

Expo 2025 will be a place for thinking about lives, using the following three hints.

#### Three "Lives" for making sure all lives are brilliant



### Expo 2025 is a laboratory for future society

Plans are under way to make the Expo 2025 venue a place for experimenting with completely new technologies and amazing ideas.

Because lots of different people will gather here from Japan and other countries, their networks will grow, allowing more people to cooperate and cocreate future society. Even people who can't go to the venue can participate and experience the expo through systems using information and communications technologies. The plan is to make it a creation venue where people can view the exhibits and use communication tools that allow them to think together and share their ideas.

#### Expo 2025 conceptual image



Expo 2025 is a place that cherishes cocreation, where many different people can work together to create the future. Let's all think about future society together!



# Thinking of ideas to achieve the brilliance of all lives

What can we do to enable the brilliance of all lives in future society?



### What is the brilliance of life?

"Life" refers to everyone's life, including your own. Everyone has the possibility and right to have a brilliant life. However, in reality, there are many people whose lives are not brilliant for various reasons.

What is the brilliance of life?



What does the word "brilliant" make you think of? Let's talk about it!



Finally, let's think about it one

more time!

### ●Your own brilliant life

First, think about the brilliance of your own life.

Times when you think your life is brilliant



Times when you think your life is not brilliant

What you think is important or necessary for a brilliant life

When you're excited about doing what you like, and when you are accomplishing something in your own style, it is easy to feel that your life is brilliant.

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### • The brilliance of other people's lives

Do you think that life is brilliant for everyone around the world right now? Talk amongst yourselves about what you noticed and thought about from looking at the photos.



- A certain village has no electricity. Because children have to gather firewood for fuel and firelight, they cannot attend school.
- •Children help with household chores such as making fires.



- •In some cities, many people live in huts that barely keep out the wind and rain.
- •They don't have stable work, and food shortages and worsening living conditions are major problems.



Even if your life is brilliant, not all lives are.

Why do you think it is that not all lives are brilliant?

Your thoughts

How would you feel if you were left behind and your life was not brilliant? Imagine what it would be like.

Your thoughts

### What problems do you want to solve to achieve the brilliance of all lives in future society?

To come up with ideas in your own way, first think about the kind of future you would like. What kind of problems do you have to solve to achieve that future?



Class

How should we think about the brilliance of all lives in future society?

First. think about the kind of world and future society you want to live in.



### SDGs - Globally shared goals

SDGs are globally shared goals that aim to ensure no one is left behind and to achieve the brilliance of all lives in future society.



for everyone, not just for ourselves.



### • Thinking about the future from the viewpoint of the 5 Ps

What kind of future society do you want to live in?

Also, what do you think is important to enable the brilliance of all lives in future society? First, choose one of the 5 Ps below. Next, read the following pages.

Choose keywords for the problems you want to solve from the things that bother you and the things you want to think further on and write them at the bottom of p.18.

Put a	check mark here
P eople (	<ul> <li>A future where poverty is solved and all people live healthy lives where they cherish each other</li> <li>I want to eliminate poverty</li> <li>I want to eliminate hunger and malnutrition</li> <li>I want everyone to be healthy</li> <li>I want everyone to have access to good education</li> <li>I want men and women to be equal and to protect women and girls from discrimination and violence</li> <li>I want everyone to have access to safe water and clean toilets</li> </ul>
Prosperity Go to p.16	<ul> <li>An economically prosperous future where everyone feels secure</li> <li>I want everyone to have access to clean energy forever</li> <li>I want everyone to have access to good work so that they can be prosperous</li> <li>I want cities to have infrastructure like roads, water, electricity, and communications</li> <li>I want to eliminate inequality between people and countries across the world</li> <li>I want to make cities resilient to disasters so everyone can live in safety</li> </ul>
P lanet ►Go to p.17	<ul> <li>A future where we cherish nature and coexist with all living things on Earth</li> <li>I want to make and use things responsibly</li> <li>I want to protect the Earth from climate change</li> <li>I want to protect aquatic creatures and the abundance of resources</li> <li>I want to protect land animals and the abundance of resources</li> </ul>
Peace ( Go to p.18	A peaceful future with no war • I want a fair world where everyone is a part of society, and where we all live in peace
Partnership Go to p.18	A future where everyone cooperates in different ways • I want to achieve a society where everyone cooperates and no one is left behind Note: Partnerships are necessary to achieve all of the Ps.

02

### People

# People A future where poverty is solved and all people live healthy lives where they cherish each other

We need to solve the problem of poverty if we want everyone's life to be brilliant around the world. Poverty creates many problems such as hunger and malnutrition because people don't have enough to eat, and lack of access to education.

To ensure that all people live long, healthy lives, they need access to medical care to treat diseases and injuries.Care is particularly important for babies and children. Safe water and a sanitary environment are also necessary.



End poverty in all its forms everywhere

There are many people around the world without enough food or safe drinking water. Not only are they poor because they lack money, but also because they lack what is important.

Keywords for the problem you want to solve

No poverty
 Solutions for child poverty



End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

Many people around the world do not have enough food to eat for a long time, and are so malnourished that it is difficult to survive.

#### Keywords for the problem you want to solve

Zero hunger



Ensure healthy living and promote well-being for all at all ages.

Many women and their babies around the world lose their lives, and many children do not survive to five years of age.

Keywords for the problem you want to solve

- Reduce infant mortality rate
- Prevent infectious diseases
- Solve lifestyle diseases
- Halve the number of traffic accidents



Achieve gender equality and empower all women and girls.

In some countries, girls are not allowed to attend school and they are married at a very young age.

Japan is known as one of the worst countries in the world for gender equality.

Keywords for the problem you want to solve

• Gender equality efforts



Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Some children around the world cannot attend school. Because of this, many grow into adults who cannot read or write.

Keywords for the problem you want to solve

- Education for all children around the world
- Ensure that all youngsters can read, write, and do math



Ensure availability and sustainable management of water and sanitation for all.

Some children around the world lose their lives because they don't have safe water to drink. Because they don't have running water, some children must go far from home to collect it, and they don't have time for school.

- Safe water and clean toilets
- Protect water

### **P** rosperity

### Prosperity An economically prosperous future where everyone feels secure

A society where everyone everywhere can live in prosperity. To achieve that, harmony with nature is as important as economic growth. Use and creation of new technologies is also necessary. The balance of sufficient income and worthwhile work, and cities that are safe and comfortable are also important parts of feeling prosperous.



Ensure access to affordable, reliable, sustainable and modern energy for all.

There are still people around the world that live without electricity. Because they use charcoal to cook, the air is polluted, and because there are no lights at night, they can't work or study.

Keywords for the problem you want to solve

- Electricity availability in developing countries
- Environmentally-friendly energy



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.

Some people do dangerous, difficult jobs, some must work very long hours, and some can't find work even though they want to. There are other problems such as child labor and human trafficking.

Keywords for the problem you want to solve

• Zero child labor • Work reform efforts



Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

There are many countries and regions around the world without basic infrastructure such as water, roads, electricity, or Internet. Also, infrastructure is destroyed by major disasters, and recovery takes considerable time.

Note: Infrastructure refers to the things and equipment that forms the base of industry and daily life. Keywords for the problem you want to solve

- Build resilient infrastructure
- Foster innovation



Reduce inequality within and among countries.

The world is filled with inequalities and prejudices related to differences such as developed and developing countries, the rich and poor, men and women, people with and people without disabilities, races, tribes, and religions, which lead to disparity.

Keywords for the problem you want to solve

• Reduce inequality within and among countries.

# 11 SUSTAINABLE CITIES

Make cities and human settlements inclusive, safe, resilient and sustainable.

More and more people are concentrated in cities, and this number is predicted to grow in the future. So many people live in cities means more problems such as air pollution, garbage, increased crime, and more serious damage during disasters. Many people also live in unsanitary areas known as slums,

- Make cities sustainable
- Improve situations in slums
- Street children



### Planet A future where we cherish nature and coexist with all living things on Earth

We need to protect our limited resources and coexist with the abundant nature of Earth always. To do this, we need to solve a variety of problems such as plants and animals facing extinction, climate change such as global warming that causes natural disasters, and our dwindling forests and oceans.

It is also important for us to think about how our daily lives affects the global environment.



Ensure sustainable consumption and production patterns.

A great amount of resources and energy are used around the world to make products, food that can be eaten is thrown away, leading to food loss, and many things that can be used are thrown away, wasting our precious resources.

Keywords for the problem you want to solve

- Responsible and ethical consumption and production
- Eliminate food loss, reduce garbage



Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Overfishing of tuna, shrimp, and other marine products means that many marine creatures are in danger of extinction, and less and less fish are being caught around the world. Also plastic garbage from people is making ocean pollution worse.

#### Keywords for the problem you want to solve

- Prevent overfishing
   Prevent ocean pollution
- Ocean plastic waste Protect coral reefs



Take urgent action to combat climate change and its impacts

Global warming is causing the average global temperature to rise, resulting in extreme weather such as severe heat and torrential rains, with disasters such as flooding and droughts on the rise.

Keywords for the problem you want to solve

- Fight global warming Extreme weather
- Greenhouse effect gas
- Destruction of forests Drought, air pollution



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

Forests are cut down to make way for development of farmland and roads, which reduces forest area around the world. It also puts many wild animals in danger of extinction.

- Protect forests Prevent desertification
- Red List Endangered species
- Protect the ecosystem





#### A peaceful future with no war Peace

Right now, there are people on the earth suffering from war, conflicts, and violence. As a member of the human race living on the same planet, taking interest in these fights is a step toward creating a future where all lives are brilliant.

We also need to pay attention to violence that may be hiding around us or in our daily lives, and to think about whether or not we are hurting someone or if someone is hurting.



Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable Keywords for the problem and inclusive institutions at all levels.

Many children live in war-torn areas where not only are people killed, but homes are lost and starvation is common. Many types of violence are a part of daily life, such as abuse, domestic violence, and bullying.

you want to solve

- Peace and fairness
- Help refugees, eliminate human trafficking
- Eliminate domestic violence, protect children

#### Partnerships All people around the globe cooperating on the same goals

SDGs are goals that aim to bring happiness to people, leaving no one on earth behind. That is why it is so important for the entire world to work on its problems. Countries need to cooperate with each other, as well as many people from homes, schools, communities, and businesses, doing whatever they can to help. This will help achieve the SDGs.



Strengthen the means of implementation and revitalize the global partnership for sustainable development.

It is difficult for people in developing nations to solve problems on their own, so active support from developed nations is necessary. Instead of leaving this help up to the government and companies in developed nations, we all need to work together to solve such problems.

Keywords for the problem you want to solve

- Achieve goals through partnership
- ODA (Official Development Assistance)
- Japan Overseas Cooperation Volunteers

Circle it1



### Review Sheet

Class	What kind of event will Expo 2025 be?	
	Review	
•	•	
•	•	
•	•	
		1

Class	What is the brilliance of life? Review	
	Review	
•	•	
•	•	
•	•	



### Reference Materials and Production Cooperation

#### Government offices

Osaka Prefecture Ministry of Economy, Trade and Industry

(Cooperation) Osaka Prefectural Board of Education Secretariat

#### Reference books, websites, photo and video cooperation

NTT History Center of Technologies KAJIMA CORPORATION KASHIWASHOBO Publishing Co., Ltd. Kuniya Yuko to Kangaeru SDGs Ga Wakaru Hon (The Book of SDGs with Hiroko Kuniya) - supervised by Hiroko Kuniya (BUNKEIDO CO., LTD.) Japan International Cooperation Agency Expo '90 Foundation National Diet Library American View, the official magazine of the Embassy of the United States of America in Japan Sumitomo Electric Industries, Ltd. Save the Children Japan Global Industrial and Social Progress Research Institute TSUKUBA EXPO '85 MEMORIAL FOUNDATION Central Japan Railway Company Tokyo Shoseki Co., Ltd. Japan International Food for the Hungry Japan Committee for UNICEF NOMURA Co., Ltd. PIXTA Inc. Hideo Fujii Atsushi Futagami Essay on the Eiffel Tower by Hisaki Matsuura (Chikumashobo Ltd.)

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Grade
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No.

Class

Name