



神奈川県

KANAGAWA

# Ocean and Trash

How to  
Clean  
the Ocean



**AR** OCEAN  
for TRASH

Scan with your camera  
to search for  
trash using AR!





# What is ocean trash?

Cigarette butts, plastic bottles, plastic bags, food containers, fishing lines, and driftwood. Ocean trash comes in various forms, with plastic accounting for a significant proportion.



# Where does ocean trash come from?

About 70% of ocean trash comes from rivers.  
Trash from mountains and towns flows into rivers  
and breaks into pieces and fragments.

# Trash on the street reaches the ocean



Activate AR mode



Trash is thrown away casually  
When the wind blows and the rain falls,  
the trash will flow into the rivers.  
Somebody will litter again on the street  
that has just been cleared.

# Before long, all these trashes will cover the shores



Trash washed ashore blankets the coastline.  
Kanagawa Coastal Environmental Foundation  
collects as much as 2,000 tons of trash annually.

# Plastic eventually becomes microplastics



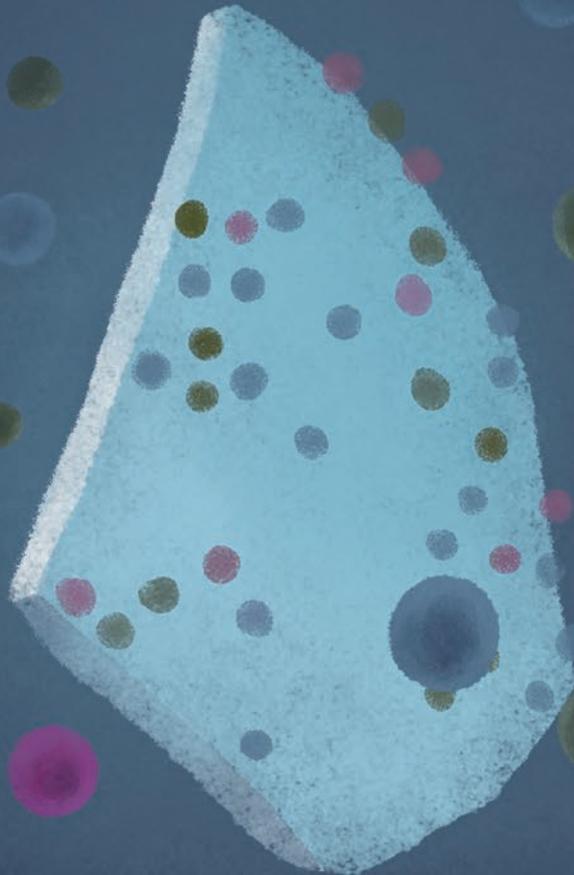
Activate AR mode



Drifted-in plastic waste will break into smaller pieces as a result of exposure to river currents, ultraviolet rays, and waves.

Plastic pieces smaller than 5mm are called “microplastics.”

# Microplastics attract toxic substances



Harmful substances in  
the ocean are drawn to  
the surface of microplastics.

# Sea creatures eat the trash in the ocean

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Microplastics seem like plankton, so marine creatures eat them by mistake.



# Birds also eat the trash in the oceans

Birds also eat  
floating ocean trash and fish  
that has eaten ocean trash.  
Some birds' stomachs  
are full of plastic.

We humans  
also consume  
sea creatures



The fish we eat may also  
have consumed microplastics  
so we cannot remain indifferent.



**What we can do  
to eliminate  
ocean trash**

# Learning about plastics around you

Plastic is convenient  
and everywhere in our daily lives.  
Becoming aware of this  
is the first step toward  
reducing plastic waste.

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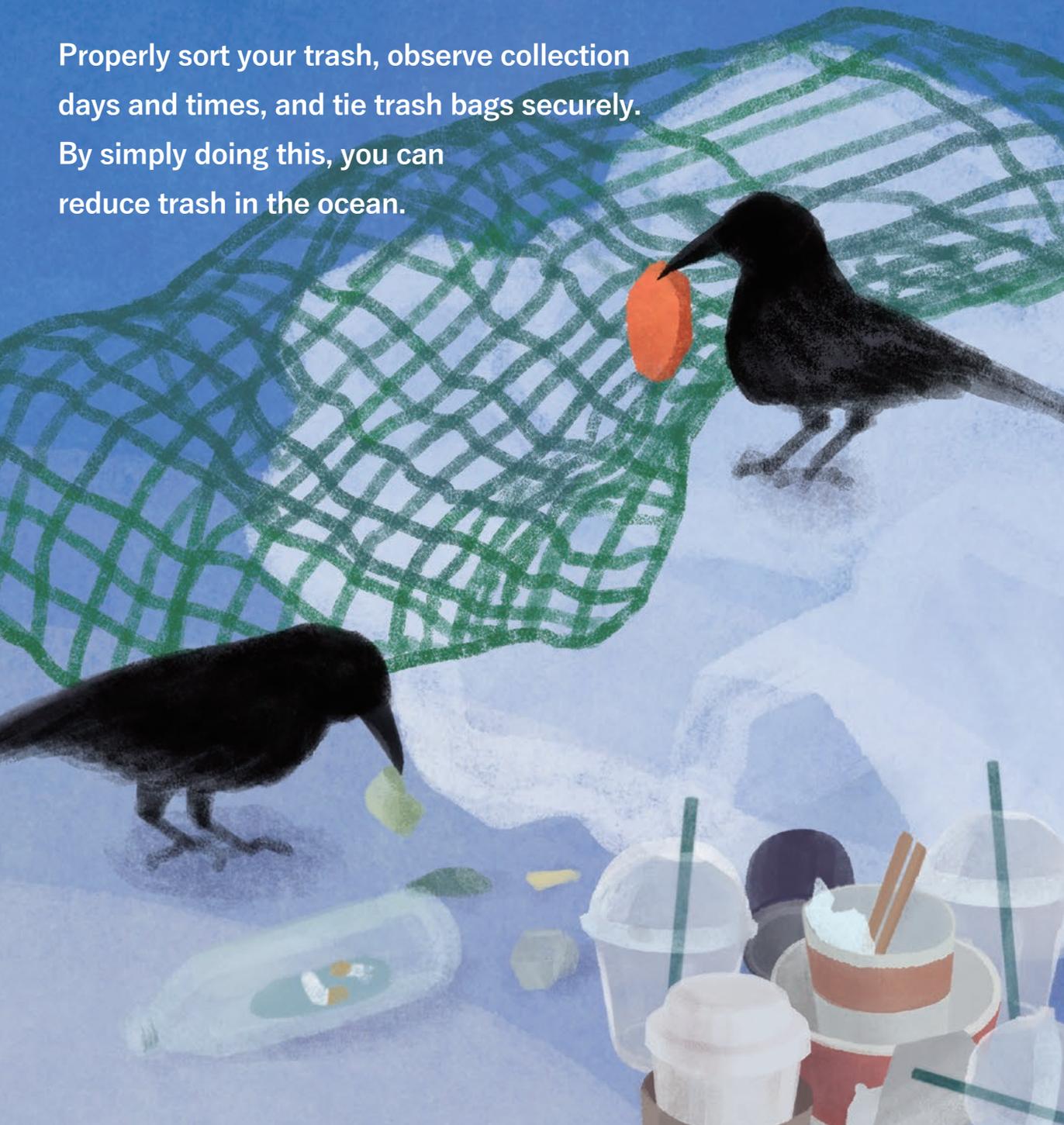
# Using eco-friendly goods



Bring your own bottle  
and reusable bags  
to help reduce plastic waste.

# Follow the rules and etiquette for taking out the trash

Properly sort your trash, observe collection days and times, and tie trash bags securely. By simply doing this, you can reduce trash in the ocean.





An illustration in a painterly style. A large, orange-toned hand is shown from the top left, reaching down towards a white plastic bottle lying on a dark blue-grey surface. The background features a teal sky and dark blue silhouettes of buildings, suggesting an urban street scene. The overall mood is one of responsibility and environmental care.

# Pick up trash on the streets

Trash that ends up in rivers is difficult to retrieve.  
Picking up litter on the streets  
keeps both your neighborhood and the ocean clean.

# Pick up trash on the beaches



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If more people join a beach cleaning  
the ocean will be much cleaner.



Join the  
volunteer activities.

2

**Bring your own bottle.**



Use your own refillable water bottle to cut back on the times you pick up plastic bottles.

3

**Buy items with minimal packaging.**



Be conscious of refill options and eco-friendly packaging.

4

**Follow the rules and etiquette for taking out trash.**



Confirm the trash disposal rules and take out your trash on the designated days and times.

5

**Take your trash home with you after enjoying outdoor activities.**

Before heading back, make sure no trash is left behind.



# Zero Plastic Waste

Kanagawa Prefecture aims to reduce unrecycled plastic waste to zero. Start with what you can do today.

1

**Bring your own bag.**

Take a reusable bag with you when you go shopping.



6

**Join the clean-up activities.**

Clean up the streets together as a community.



Scan the code for an instructional video!



Contact for beach cleaning volunteer

Kanagawa Coastal Environmental Foundation  
1-7 Shiomidai, Chigasaki City, Kanagawa Prefecture  
253-0033  
TEL : 0467-87-5379



Scan here to take the Ocean trash Quiz!

Contact details on measures against ocean trash

Resource Recycling Promotion Division, Kanagawa Prefectural Government  
1 Nihon-odori, Naka-ku, Yokohama City, Kanagawa Prefecture  
231-8588  
TEL : 045-210-1111(Main)



# Ocean and Trash

Handbook for a clean ocean free of trash



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Resource Recycling Promotion Division, Environment Department, Environment and Agriculture Bureau  
1 Nihon-odori, Naka-ku, Yokohama City 231-8588 TEL: 045-210-1111 (Main)