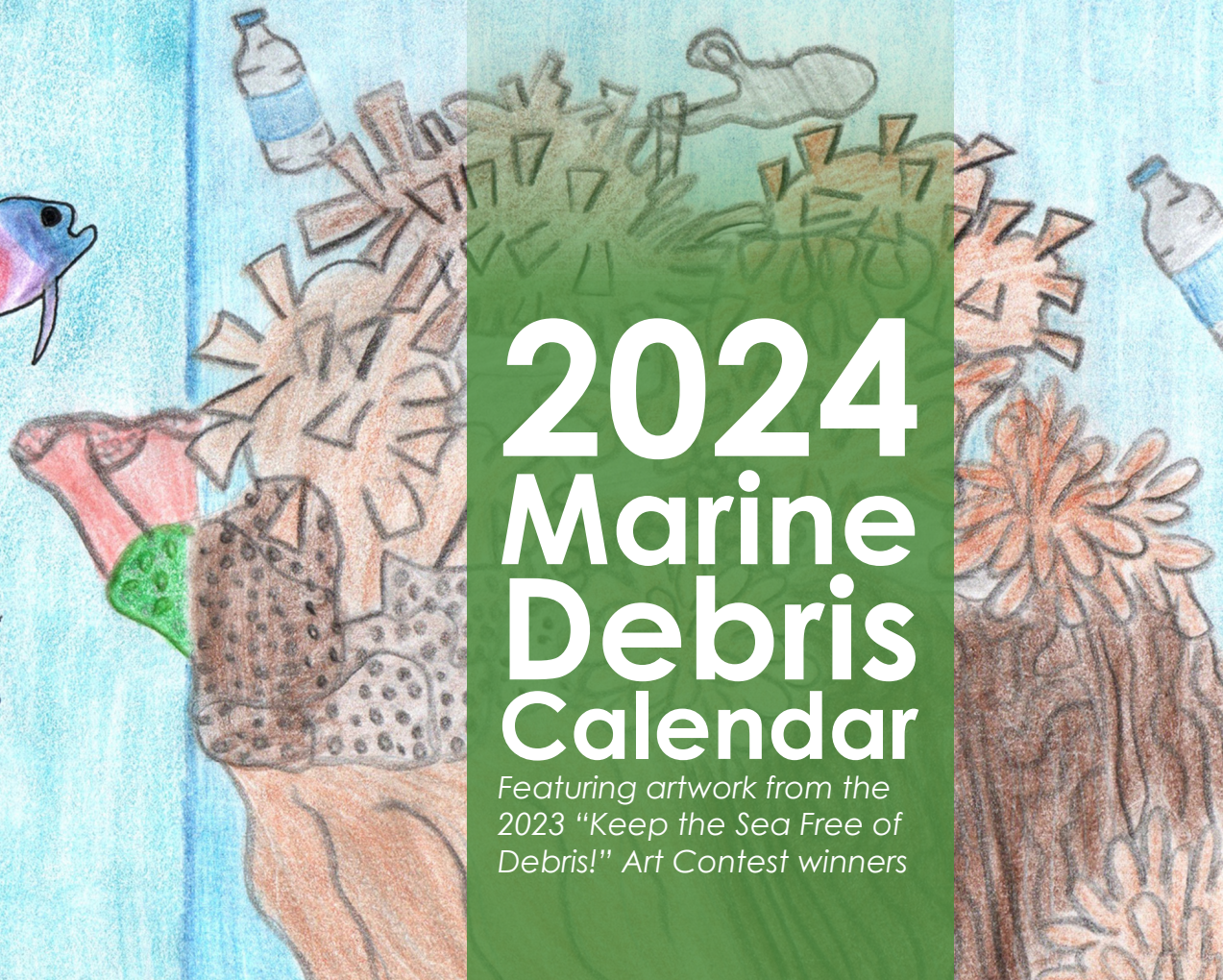
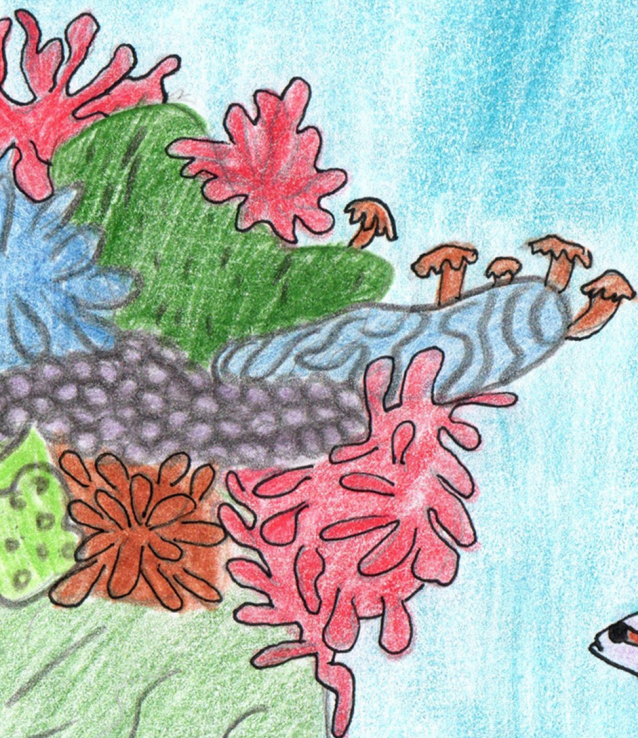
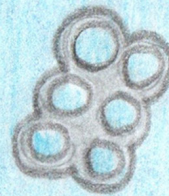
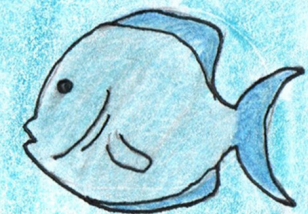


SEA A CHANGE



2024 Marine Debris Calendar

Featuring artwork from the
2023 "Keep the Sea Free of
Debris!" Art Contest winners

About this Calendar

This calendar features winning artwork from the 2023 “Keep the Sea Free of Debris!” Art Contest. The NOAA Marine Debris Program received hundreds of great entries from students across the United States in kindergarten through 8th grade showing the impacts of marine debris on our ocean and planet. The program evaluated submissions based on creativity, artistic presentation, relevance to theme, and how thoroughly the students answered the questions:

- *How does marine debris impact the ocean and Great Lakes environment?*
- *What will you do to help?*

Thank you to all the students (and teachers) for your participation in the 2023 art contest. Your support and enthusiasm reminds us of why we do what we do every day - work to keep our ocean and Great Lakes clean. The Program hopes this calendar fuels your passion to protect our ocean and drives you to stay involved in finding solutions to prevent marine debris.

NOAA Marine Debris Program

The NOAA Marine Debris Program's mission is to investigate and prevent the adverse impacts of marine debris. The program achieves this through coordinating regional marine debris efforts, leading research, and conducting outreach to local communities.

Cover Art by:
Magdalene F. (Grade 8, Florida)



“In my artwork I have shown what is wrong with our ocean at the moment and how we can change it. I wanted to send a message to people and help them see the difference and let them know how big of an impact we really have.”

Don't miss a beat or a tweet. Stay connected:



<https://marinedebris.noaa.gov>



<https://blog.marinedebris.noaa.gov>



@NOAADebris



@NOAADebris



@NOAMarineDebris

What's on the Beach Today?

When exposed to light, plastic breaks down into smaller pieces through a process called 'photodegradation'. These small bits of plastic are known as 'microplastics'.

There are 12 pieces of marine debris hidden in the photo. Can you find them all?

Find all of the following pieces of marine debris in the photo (right).



Plastic Bag



Take Out Container



Plastic Fork



Fishing Line



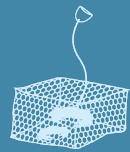
Plastic Knife



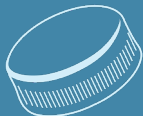
6-Pack Rings



Plastic Spoon



Crab Trap



Bottle Cap



Plastic Straw



Bottle



Fishing Net





JANUARY 2024

DECEMBER 2023

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
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31						

FEBRUARY 2024

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SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

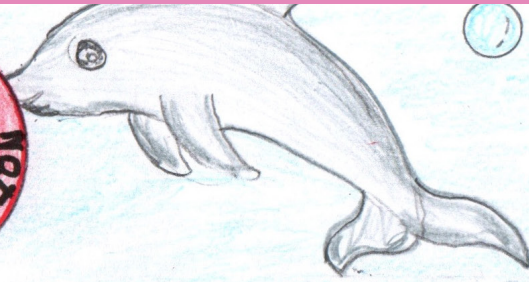
FRIDAY

SATURDAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 New Year's Day	2	3	4	5	6
7	8	9	10	11	12	13
14	15 Martin Luther King Jr. Day	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

By Jaemyn L. (Grade 6, Pennsylvania)

SAVE THE SEAS





FEBRUARY 2024

JANUARY 2024

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28	29	30	31			

MARCH 2024

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24	25	26	27	28	29	30
31						

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

					1	2	3
					Black History Month	Groundhog Day	
4	5	6	7	8	9	10	
						Chinese New Year	
11	12	13	14	15	16	17	
	Lincoln's Birthday		Valentine's Day				
18	19	20	21	22	23	24	
	Presidents' Day						
25	26	27	28	29			





MARCH 2024

FEBRUARY 2024						
S	M	T	W	T	F	S
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APRIL 2024						
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28	29	30				

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

						1 Women's History Month	2
3	4	5	6	7	8	9	
10 Ramadan Begins Daylight Savings Time Begins	11	12	13	14	15	16	
17 St. Patrick's Day	18	19 Spring Equinox	20	21	22	23	
24 Easter 31 Sunday	25 Holi	26	27	28	29	30	

Stop polluting!

Start reusing!





APRIL 2024

MARCH 2024

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31						

MAY 2024

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19	20	21	22	23	24	25
26	27	28	29	30	31	

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

	1 April Fools' Day	2	3	4	5	6
7	8	9 Eid al-Fitr	10	11	12	13
14	15 Tax Day	16	17	18	19	20
21	22 Passover Begins Earth Day	23	24	25	26	27
28	29	30				



Don't Let This Be Our Future



MAY 2024

APRIL 2024

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JUNE 2024

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30						

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

			1 Asian Pacific American Heritage Month	2	3	4
5 Cinco de Mayo	6	7	8	9	10	11
12 Mother's Day	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27 Memorial Day	28	29	30	31	





JUNE 2024

MAY 2024

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JULY 2024

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SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

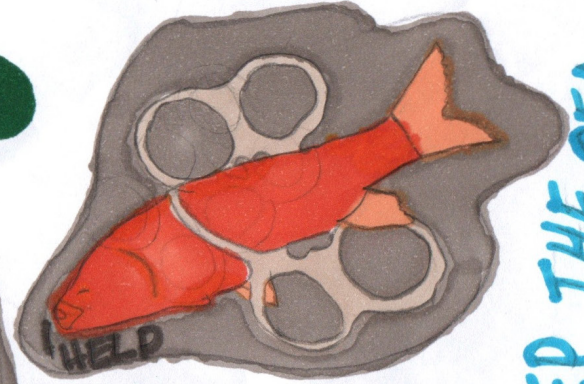
SATURDAY

							1 Pride Month
2	3	4	5 World Environment Day	6	7	8 World Ocean Day	
9	10	11	12	13	14	15	
16 Father's Day	17 Eid al-Adha	18	19 Juneteenth	20 Summer Solstice	21	22	
23	24	25	26	27	28	29	
30							

STOP

USING SINGLE USE PLASTICS

SAVE OUR OCEANS



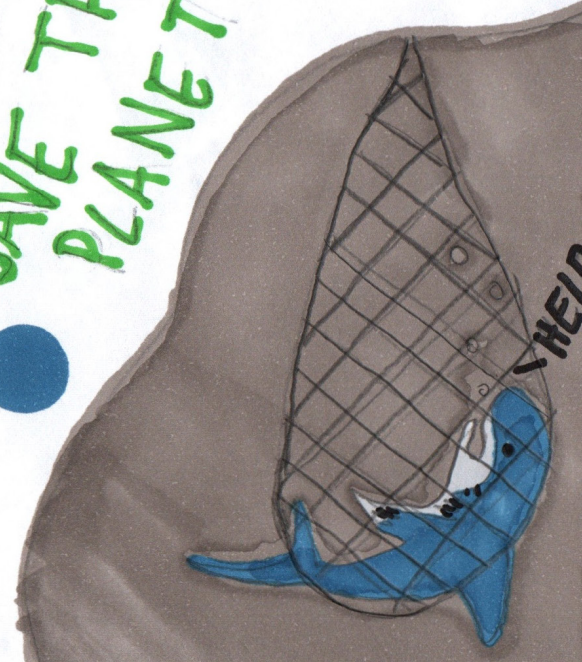
KEEP THE SEA PLASTIC FREE

REMEMBER TO RECYCLE



SAVE THE PLANET

SAY NO TO PLASTICS





JULY 2024

JUNE 2024

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9	10	11	12	13	14	15
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						30

AUGUST 2024

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SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

	1	2	3	4 Independence Day	5	6
7 Muharram Begins	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
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Keep our
Oceans clean.



AUGUST 2024

JULY 2024

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SEPTEMBER 2024

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SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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SEPTEMBER 2024

AUGUST 2024						
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OCTOBER 2024						
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27	28	29	30	31		

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Labor Day	3	4	5	6	7
8	9	10	11	12	13	14
15 National Hispanic Heritage Month	16	17	18	19	20	21 International Coastal Cleanup
22 Autumnal Equinox	23	24	25	26	27	28
29	30					





OCTOBER 2024

SEPTEMBER 2024

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NOVEMBER 2024

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SUNDAY

MONDAY

TUESDAY

WEDNESDAY

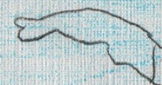
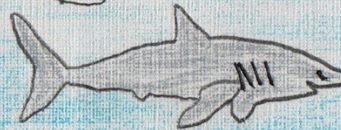
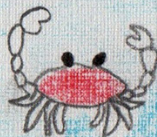
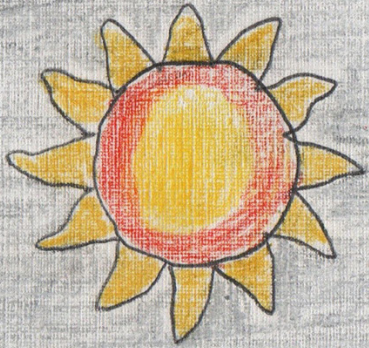
THURSDAY

FRIDAY

SATURDAY

		1	2	3	4	5
			Rosh Hashanah			
6	7	8	9	10	11	12
					Yom Kippur	
13	14	15	16	17	18	19
	Indigenous Peoples' Day Columbus Day					
20	21	22	23	24	25	26
27	28	29	30	31		
				Halloween		

View





NOVEMBER 2024

OCTOBER 2024

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DECEMBER 2024

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29	30	31				

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

						1 Diwali Native American Heritage Month	2
3 Daylight Savings Time Ends	4	5 Election Day	6	7	8	9	
10	11 Veterans Day	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28 Thanksgiving Day	29 Native American Heritage Day	30	

HELP OUR OCEAN

POLLUTION

OCEAN

WIN

100





DECEMBER 2024

NOVEMBER 2024

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JANUARY 2025

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SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

1	2	3	4	5	6	7
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	Hanukkah Begins Christmas Day Kwanzaa Begins			
			Christmas Eve New Year's Eve			
			Winter Solstice			

2023 "Keep the Sea Free of Debris!" Art Contest Winners



JANUARY

"Marine debris impacts our ocean and Great Lakes by: degrading the quality of water and habitats for marine and coastal wildlife, reducing sea animal populations, and threatening our human health. I will pick up trash when hiking along our local watershed, and share ways to keep our oceans debris-free with our HOA. I hope 'The Waves of Emotions,' illustrating animal life negatively impacted by marine debris, will appeal to humans' emotions toward positive actions."

- Heidi K. (Grade 6, Virginia)



FEBRUARY

"Smaller types of marine debris can be accidentally eaten by marine wildlife. It can block their stomach or puncture the inside of their bodies with sharp edges. Fishing nets, which are also considered as marine debris, can be left in the ocean and catch wildlife. To keep our ocean debris-free, I will recycle plastics that can be recycled and pick up debris that I find on the coastline or in the ocean."

- Jaemyn L. (Grade 6, Pennsylvania)



MARCH

"Approximately fourteen million tons of it is dumped into the oceans every year. Whether it is turtles mistaking plastic bags for jellyfish or pelicans getting entangled in fishnets, life in and around the ocean is at severe risk of injury and death. I do my part by avoiding disposables and spreading awareness of this unfortunate situation. We must take responsibility before it is too late."

- Clara G. (Grade 8, California)



APRIL

"Marine debris impacts our ocean by killing our ocean animals. We are also melting ice caps which are causing floods. I will help by participating in a beach cleanup. I could recycle, reuse, and reduce. It also impacts our ocean by killing the fish, then there is nothing in the ocean. We need to stop polluting and start reusing!"

- Kai R. (Grade 2, Hawai'i)



MAY

"It is expected that by 2050 there will be more plastic in the ocean than fish. Thinking of this statistic, I wanted to depict how the ocean would look if everything in it was made of plastic. I want to spread awareness about how plastic pollution is destroying the ocean and show a creative representation of what will happen if people don't stop using single use plastics."

- Will N. (Grade 8, New York)



JUNE

"Marine debris pollutes the ocean and forces animals to leave their habitat. Producing excess plastics consumes energy and causes global warming and melting of the arctic, where polar bears and many other animals live. We can help by reducing, reusing, and recycling, and by replacing fuel energy with green energy like wind power and water power."

- Luca L. (Grade 4, Washington)



JULY

"Slowly, marine debris is destroying oceans and the Great Lakes and killing marine life. It's our responsibility to try and stop this. It gets worse and worse as more people drop their trash and don't stop to think where it'll end up or what animals are going to suffer from it. To keep the ocean debris-free, I will limit my trash waste, participate in beach cleanups, and try to bring awareness to the problems of ocean pollution."

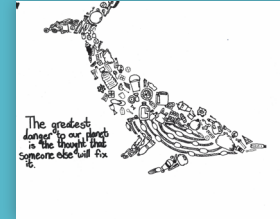
- Norah D. (Grade 7, Rhode Island)



AUGUST

"Marine debris hurts our animals in many ways. They could eat it and get sick or it could damage their home. I participate in beach cleanups to help."

- Hazel P. (Grade 3, Florida)



SEPTEMBER

"12 million tons of debris are thrown into the ocean every year. Over 1 million animals are killed each year due to pollution, so it's definitely not helping the animals. I will try to help clear ocean debris by going around beaches and picking up trash. I hope more advanced services like NOAA will take a bigger approach and clean up way more plastic than one girl can. Thank you!"

- Sophia K. (Grade 5, New York)



OCTOBER

"The trash can hurt or kill the animals in oceans or lakes. It can also destroy their homes. I would recycle properly and make sure to NEVER put trash in the ocean."

- Arianna B. (Grade 4, Maine)



NOVEMBER

"Marine debris can injure or kill marine and coastal wildlife, damage and degrade habitats, interfere with navigational safety, cause economic loss to fishing and maritime industries, degrade the quality of life in coastal communities, and threaten human health and safety. I would reduce pollutants. I would also reduce waste and use less energy."

- Courtlyn W. (Grade 7, Louisiana)



DECEMBER

"Help our ocean win against pollution by doing your part, being responsible with rubbish and not throwing it into our ocean."

- Brooke B. (Grade 1, Hawai'i)