



Hi friends! I am **Ishaan!**
Join me for a fun adventure...
We'll explore marine life along
the coast of Maharashtra
all year long!!



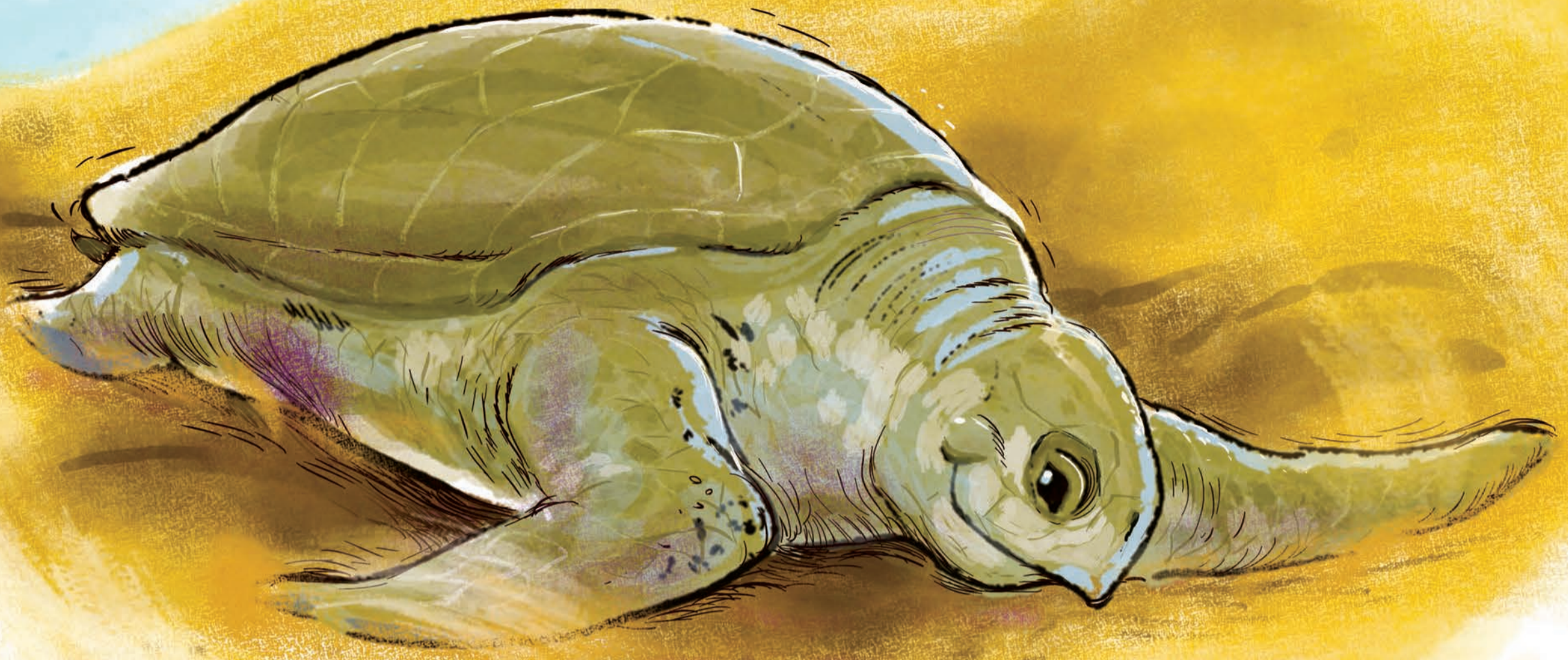
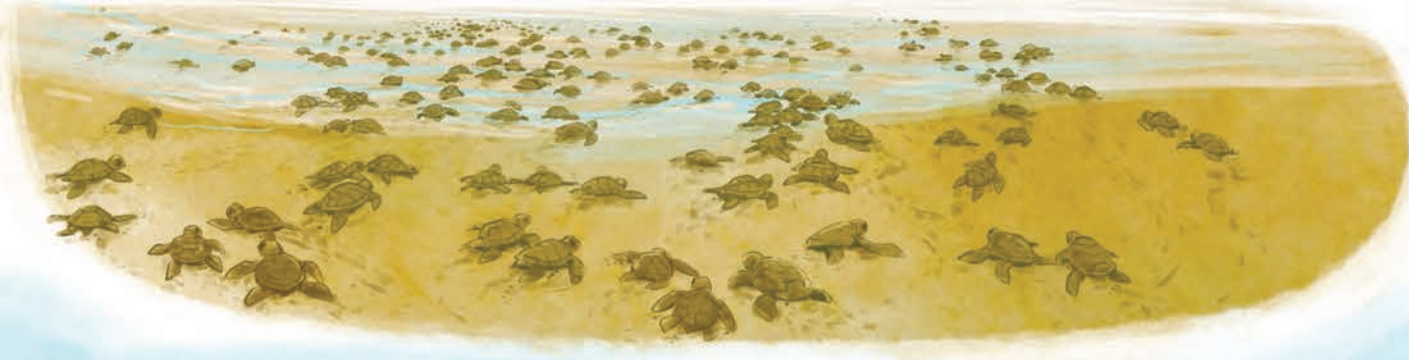
CALENDAR 2023

महाराष्ट्र कांदळवन आणि सागरी जैवविविधता संवर्धन प्रतिष्ठान

Mangrove and Marine Biodiversity Conservation Foundation of Maharashtra

302, 3rd Floor, Above Britannia & Co. Restaurant, Wakefield House, SS Ram Gulam Marg,
Ballard Estate, Fort, Mumbai - 400 001. Ph: 022- 22694984 / 22694985, Email: mangrovefn@gmail.com

The Mother **OLIVE RIDLEY TURTLE** returns to the same beach where she was born, to lay her eggs. She digs a hole in the sand and lays around 100-120 eggs! The babies hatch in 45 - 60 days and crawl to the sea immediately. The epic journey of the hatchlings from nest to the sea is celebrated at many places in Maharashtra as the **'Turtle Festival'**.



JANUARY 2023

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Republic Day

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Wetlands are unique ecosystems submerged in water, either permanently or seasonally.

A Wetland acts as a kidney of the landscape and reduces climate change. There are various types of wetlands i.e., **inland wetlands**, **coastal wetlands** and **man-made wetlands**. Coastal wetlands, especially, are among the most diverse biological habitats.

The coastal areas, marshes, mangrove forests, lakes and ponds are some examples of wetlands.



FEBRUARY 2023

Mon Tue Wed Thu Fri Sat Sun

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World Wetlands Day

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Mahashivratri

Chhatrapati Shivaji Maharaj Jayanti

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Plastic waste is probably the biggest hazard both on land and in water!

Cleaning of mangroves and beaches and further undertaking the initiative to **reuse** and **recycle** are best achieved in joint efforts between the government and the people!



MARCH 2023

Mon Tue Wed Thu Fri Sat Sun

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World Wildlife Day

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Holi (Second Day)

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Global Recycling Day

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International Day of Forests

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Gudhi Padwa
World Water Day

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Ram Navami

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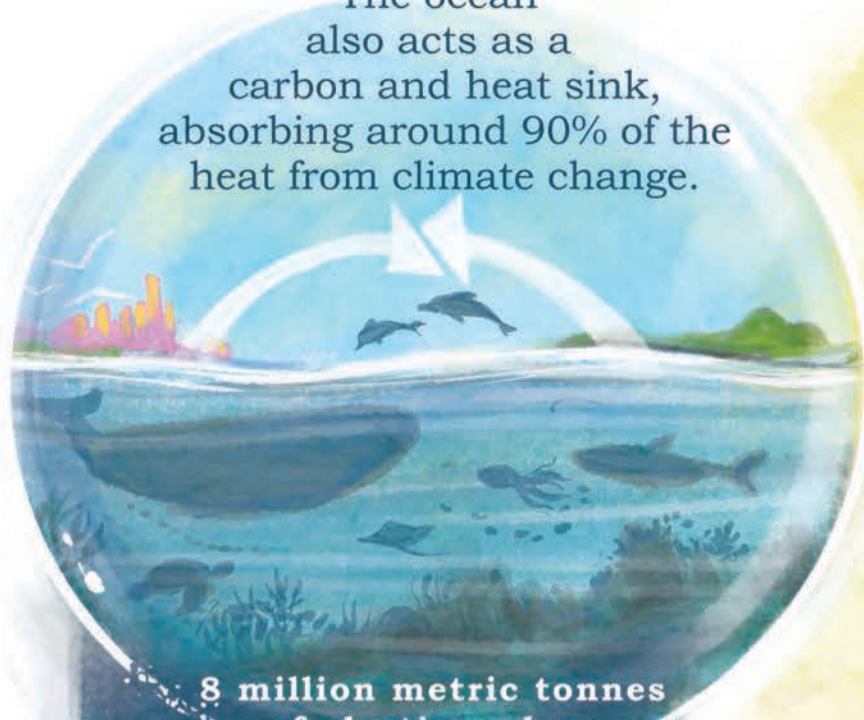


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The ocean also acts as a carbon and heat sink, absorbing around 90% of the heat from climate change.

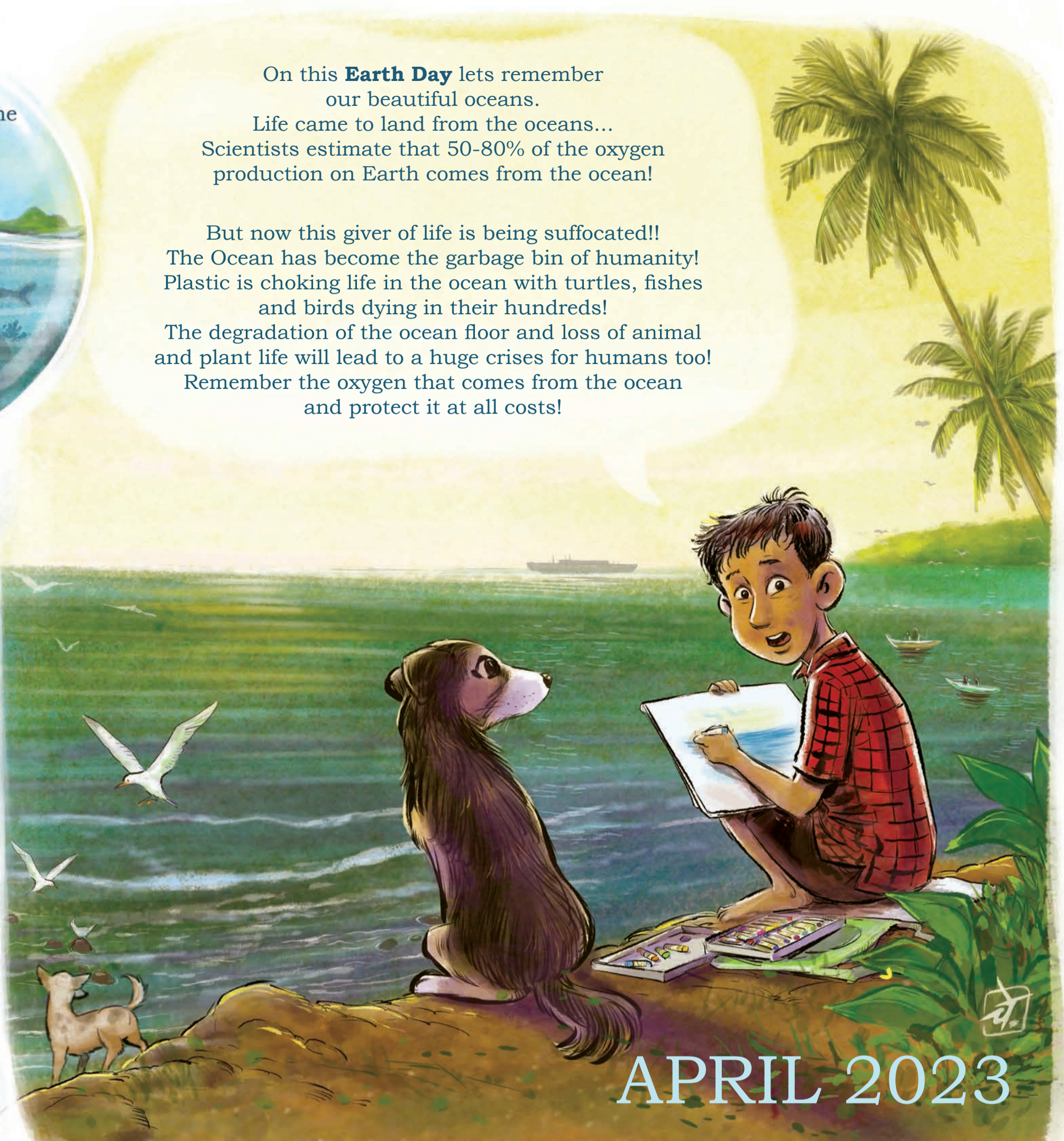


8 million metric tonnes of plastic end up in the ocean every year!!!



On this **Earth Day** let's remember our beautiful oceans.
Life came to land from the oceans...
Scientists estimate that 50-80% of the oxygen production on Earth comes from the ocean!

But now this giver of life is being suffocated!!
The Ocean has become the garbage bin of humanity!
Plastic is choking life in the ocean with turtles, fishes and birds dying in their hundreds!
The degradation of the ocean floor and loss of animal and plant life will lead to a huge crises for humans too!
Remember the oxygen that comes from the ocean and protect it at all costs!



APRIL 2023

Mon Tue Wed Thu Fri Sat Sun

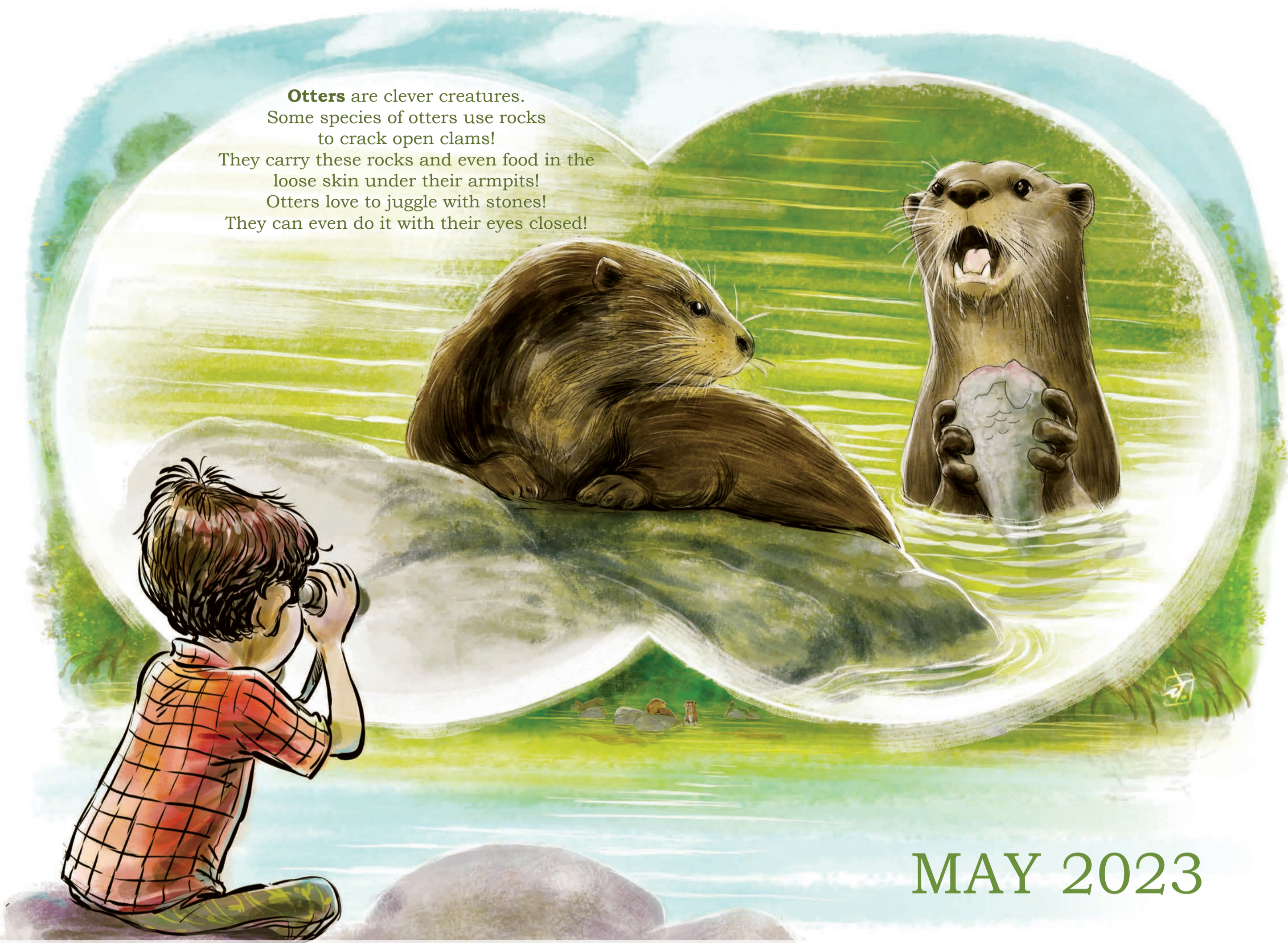
					1	2
3 World Aquatic Animal Day	4 Mahavir Jayanti	5	6	7 Good Friday	8	9
10	11	12	13	14 Dr. Babasaheb Ambedkar Jayanti	15	16
17 Bat Appreciation Day	18	19	20	21	22 Earth Day Ramzan-Id (Id-UI-Fitr) (Shawal-1)	23
24	25	26	27	28	29	30

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Otters are clever creatures.
Some species of otters use rocks
to crack open clams!
They carry these rocks and even food in the
loose skin under their armpits!
Otters love to juggle with stones!
They can even do it with their eyes closed!



MAY 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1 Maharashtra Din	2	3	4	5 Buddha Pournima	6	7 International Dawn Chorus Day
8	9	10	11	12	13 Endemic Bird Day	14
15	16	17	18	19	20	21
22 International Day for Biological Diversity	23 World Turtle Day	24	25	26	27 World Otter Day	28
29	30	31				

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Coral Reefs are among the richest and most amazing ecosystems on the planet.

Growing along coastlines, they are actually composed of living creatures called polyps and support a great diversity of fauna and flora, serving as breeding, spawning, nesting and feeding areas for many fishes and marine organisms.

Coral reefs are described as the **'Tropical forests' of the underwater world!!**

JUNE 2023

Mon Tue Wed Thu Fri Sat Sun

			1 World Reef Day	2	3	4
5 World Environment Day	6	7	8 World Oceans Day	9	10	11
12	13	14	15	16 World Sea Turtle Day	17	18
19	20	21	22	23	24	25
26	27	28 Bakri Id (Id-Uz-Zuha)	29	30		

World Oceans Week: 01-08 June

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Mangroves - Guardians of the Coasts

PROTECTION FROM
COASTAL DISASTERS
LIKE TSUNAMIS & FLOODS!

ABSORBING 5 TIMES
MORE CARBON FROM
THE ATMOSPHERE!

A COMPLEX ECOSYSTEM
SUPPORTING ALL
MANNERS OF LIFE
INCLUDING ENDANGERED
SPECIES!

A RICH SOURCE OF
LIVELIHOOD AND
SUSTENANCE FOR
THE COASTAL PEOPLE!

JULY 2023

Mon Tue Wed Thu Fri Sat Sun

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World Seabird Day

10 11 12 13 14 15 16

National Fish Farmers' Day

Shark Awareness Day

17 18 19 20 21 22 23

24 25 26 27 28 29 30

International Day for the
Conservation of the Mangrove Ecosystem

Moharum
International Tiger Day

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World Ranger Day

Van Mahotsav: 01-07 July

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WHALE SHARKS are the biggest fish species and often get entangled in fishing nets. The fishermen who free the gentle giants are rewarded for their kindness by the government!



AUGUST 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15 <small>Independence Day</small>	16 <small>Parsi New Year (Shahenshahi)</small>	17	18	19	20
21	22	23	24	25	26	27
28	29	30 <small>International Whale Shark Day</small>	31			

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Mangrove Ecotourism is a community based conservation initiative taken up by the Mangrove Cell and the Mangrove Foundation. The locals are actively involved in these 'Mangrove Safaris' to create a fun experience while spreading awareness about this ecosystem.

..and here you see the species Mangrove Apple (*Sonneratia alba*), 'Pandhari Chippi' in marathi, that has been named **Maharashtra's State Mangrove Tree!**



SEPTEMBER 2023

Mon Tue Wed Thu Fri Sat Sun

					1	2 International Culture Awareness	3
4	5	6	7	8	9	10	
11	12	13	14	15	16 World Cleanup Day	17	
18	19 Ganesh Chaturthi	20	21	22 Declaration of Maharashtra State Mangrove Tree	23	24	
25	26	27 World Tourism Day	28 Id-E-Milad	29	30		

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The **Octopus** is the most intelligent invertebrate animal... Among the many amazing things it can do, it can change the color and texture of its skin to perfectly blend in with the environment in a fraction of a second!

OCTOBER 2023

Mon Tue Wed Thu Fri Sat Sun

						1
2 Mahatma Gandhi Jayanti World Habitat Day	3	4	5	6	7	8 World Octopus Day
9	10	11	12	13	14 World Migratory Bird Day	15
16	17	18	19	20	21	22
23	24 Dasara	25	26	27	28	29
30	31					

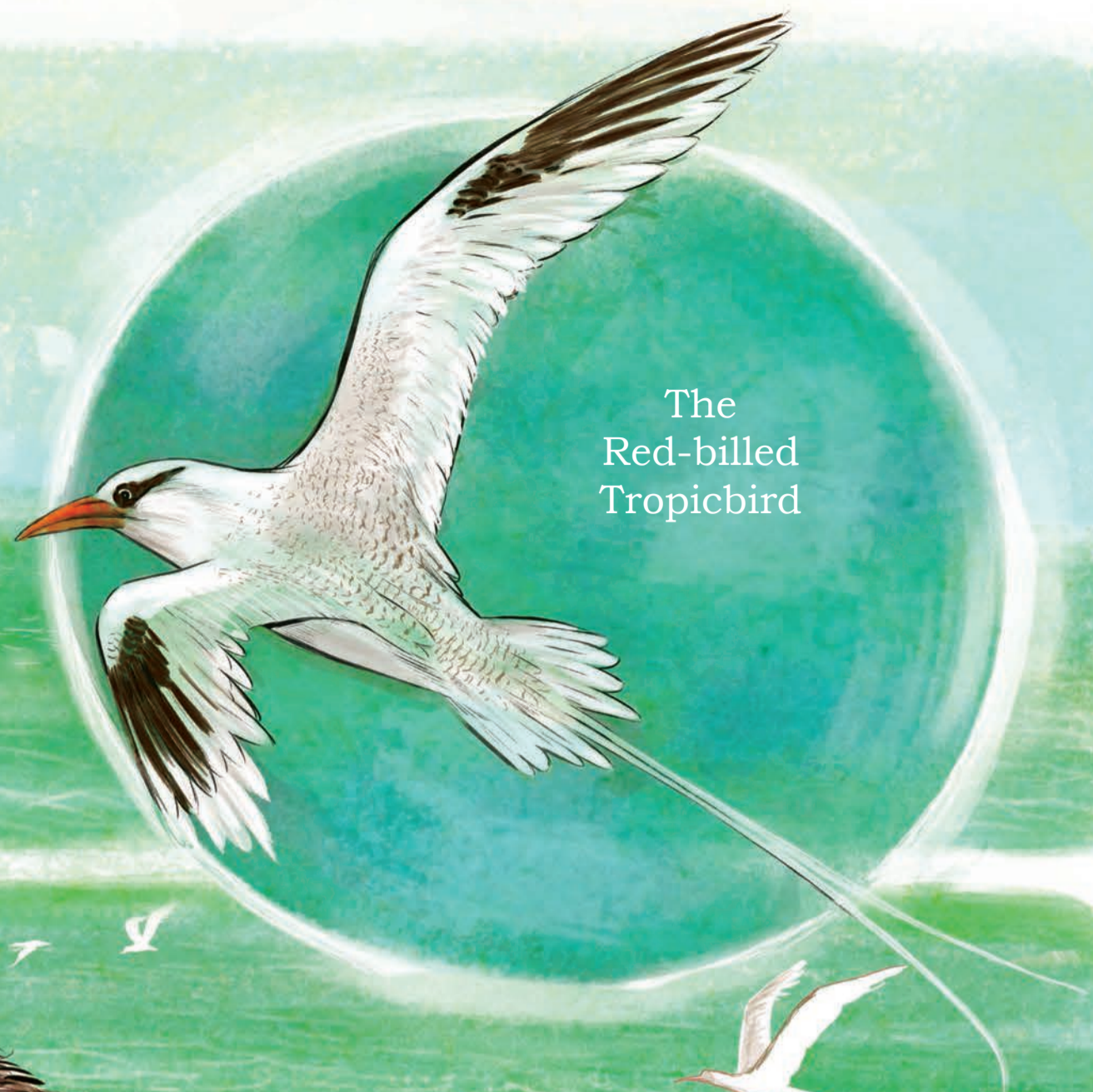
Wildlife Week: 01-08 October

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PELAGIC BIRDS like Albatrosses, Petrels, Gulls, Terns, etc. stay mostly in the open seas and only come to the shore for nesting. They are difficult to observe and birders have to go far out into the ocean waters to even catch a glimpse of these seafaring birds.



The Red-billed Tropicbird



Some pelagic birds can stay in the air for months at a time!!

NOVEMBER 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5 World Tsunami Awareness Day
6	7	8	9	10	11	12 Diwali Amavasya (Laxmi Pujan)
13	14 Diwali (Bali Pratipada)	15 Bhaubeej	16	17	18	19
20	21 World Fisheries Day	22	23	24	25	26
27 Guru Nanak Jayanti	28	29	30			

Bird Week: 05-12 November

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There are two types of flamingos, i.e., **Greater** and **Lesser Flamingo** that visit the Thane Creek Flamingo Sanctuary in large numbers.

Mudflats are their primary feeding grounds and they feed on algae, crustaceans, etc. which contain carotenoid pigments, responsible for their flamboyant pink colour.



DECEMBER 2023

Mon Tue Wed Thu Fri Sat Sun

					1	2	3
4	5 World Soil Day	6	7	8	9	10	
11	12	13	14	15	16	17	
18	19	20	21	22	23	24	
25 Christmas	26	27	28	29	30	31	

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Mangrove Foundation Calendar 2023

This year, every month Ishaan will take us on a journey along coastal Maharashtra and show us the fascinating world of Mangrove and Marine biodiversity and synergy of the local communities with their environment.

Who is Ishaan?

The Coastal Journey of Ishaan started last year in a book named **'Ishaan's Treasures'** authored by Katie Bagli, illustrated by Chetan Sharma, and published by Mangrove Foundation.

Ishaan is a young boy who migrated with his father from the remote countryside to the vibrant city of Mumbai. Staying in a small shack near Juhu beach, Ishaan was so mesmerized by the sea and the marine creatures on the beach, he would spend hours observing them. To his great fortune, he came upon Nature Uncle in whom Ishaan found a life-long friend and mentor.

Wouldn't you want to know more about Ishaan's story? The illustrated book is available for purchase at Coastal & Marine Biodiversity Center, Airoli.



About Mangrove Cell and Mangrove Foundation

The **Mangrove Cell** was constituted by the Government of Maharashtra in the year 2012 in the wake of serious public concerns about mangrove loss in the state, particularly in Mumbai and surrounding areas.

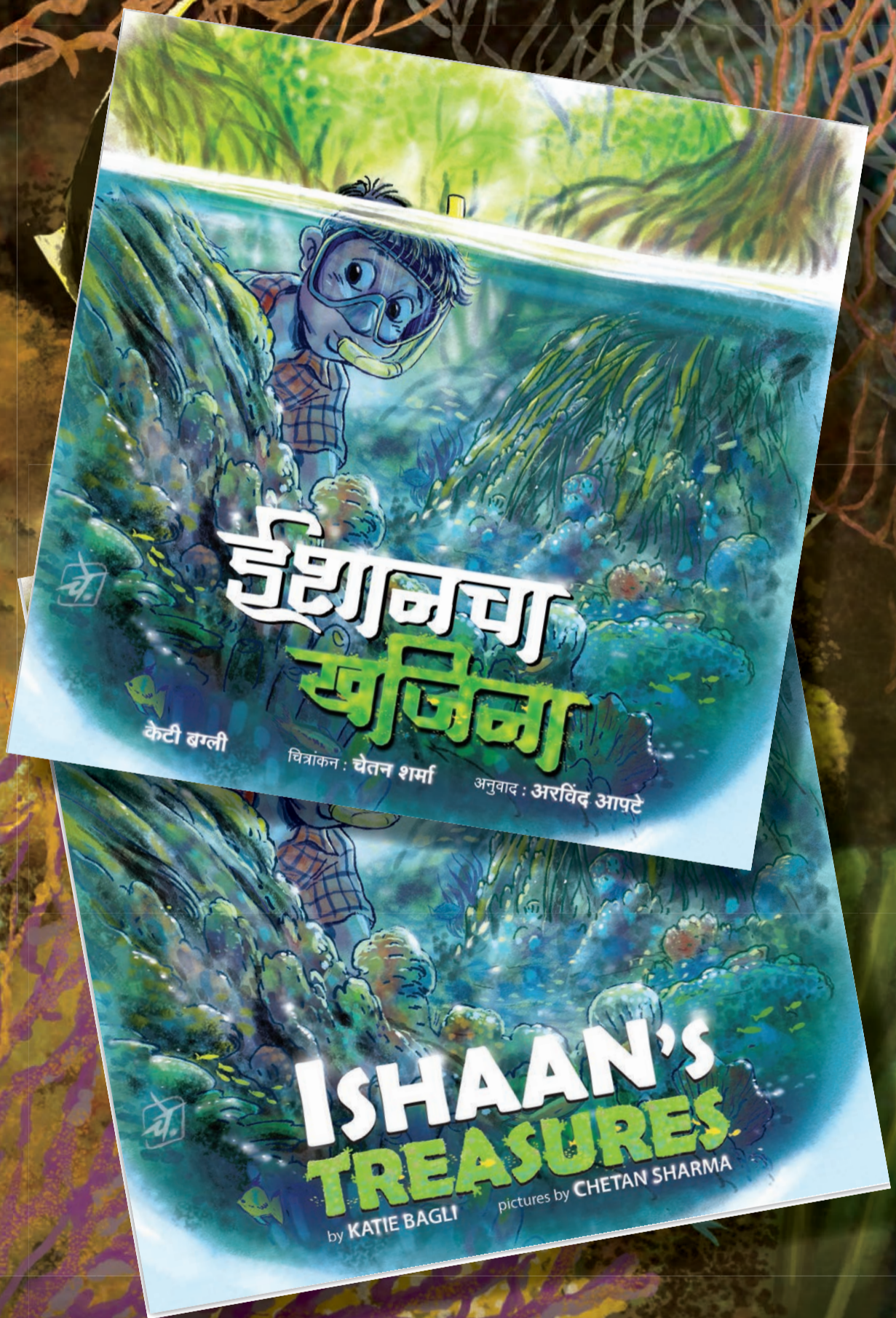
Further, the work of the Mangrove Cell was strengthened by the establishment of the "Mangrove and Marine Biodiversity Conservation Foundation of Maharashtra" (**Mangrove Foundation**) in the year 2015 for the protection, conservation of the biodiversity in coastal areas of the state and to promote sustainable livelihood activities which involve coastal communities. The Foundation is registered under the Societies Registration Act, 1860.

All mangroves on government land are declared as 'Reserved Forests' as per the Maharashtra government resolution No. S/30/2015/CR219/E-3.

The work of the Mangrove Cell and the Mangrove Foundation involves activities of Mangrove restoration, sustainable livelihood practices for conservation of mangroves involving local communities, demarcation of mangrove areas, awareness programs helping in generating the symbiotic relationship and harmony of humans with nature and many more.

At present several mangrove restorations and livelihood activities like mud crab farming, oyster farming, mussel farming, ornamental fish rearing, fish cage culture, ecotourism etc. are executed by the Mangrove Foundation under the Mangrove Conservation and Livelihood Generation Scheme of the Maharashtra Government.

The tangible benefits derived by local communities from several livelihoods and marine conservation programmes will sow the seeds of community-led conservation of the mangrove and marine ecosystems.



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Get in touch with us



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