

THE TIMES OF INDIA

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EARTH DAY

The Times NIE
2-page
special issue
is packed with info and
lots for you to do!

Specially curated
activity sheets
will teach you a
thing or two about
our flora and fauna
(that's the hint!)

DIYs that will test
your eco-learning skills and more

Your take on the Earth Day via
paintings etc in a column
dedicated to YOU!

STUDENT EDITION

WEDNESDAY, APRIL 22, 2020



WEB EDITION

THE THEME

Why is climate action the theme?



Why: At the end of 2020, nations will be expected to increase their commitments to the 2015 Paris Agreement on climate change. So the time is now for citizens to call for greater global ambition to tackle climate crisis.

Need: "Despite decades of environmental progress, we find ourselves facing an even more dire, almost existential, set of global environmental challenges, that call for action at all levels of government," said Denis Hayes, the organiser of the first Earth Day in 1970.

What Can Be Done: For Earth Day 2020, we will build a new generation of environmentalist activists, engaging millions of people worldwide," added Hayes.

Climate change represents the biggest challenge to the future of humanity. Unless every country steps up with urgency, we are consigning current and future generations to a dangerous future

What's special about this Earth Day 2020

APRIL 22, 2020, WILL MARK 50 YEARS OF EARTH DAY

► Their theme is climate action on account of the vast challenge and opportunities it represents, action on climate change has distinguished the issue as the most pressing topic for the 50th anniversary.

► On April 22, tune into Earth Day online. The world's

largest civic event is going digital for the first time in its history. Head to their website to be a part of this digital event, or participate in a local one.

UNEARTHLY FACTS

270,000: Premature deaths annually caused by the uncontrolled burning of household waste.

Two Billion: people live without any waste collection services.

79% of all plastics ever produced have accumulated in landfills and the natural environment.

Credit: www.earthday.org

Your Earth Day Glossary

ANTHROPOCENE: Refers to the current geological era, characterised by human impact.

BRIGHT GREEN: Signifies that "sustainable innovation is the best path to lasting prosperity."

CARBON SHREDDER: Someone who works assiduously to reduce carbon-dioxide emissions.

ECO-DENTISTRY: Promoting environmentally sound practices of professional dental care.

GEO-ENGINEERING: Scientists looking for radical solutions to counteract global warming.

LOCAVORE: Those who only consume locally grown food. Was word of the year in 2007.

PLANTARIAN: Those who promote a plant-based diet as a healthy lifestyle choice.

PRECYCLING: To reduce the number of soda bottles and cans that end up in landfills.



EARTH DAY

EVENT WATCH

What is it?

Tune into Earth Day Live, a three-day livestream commemorating the 50th anniversary of Earth Day.

When is it?

9 am to 9 pm ET on April 22nd, 23rd, and 24th at www.earthdaylive2020.org and accessible to watch on platforms such as Facebook, YouTube, Twitter, and Twitch.

Who will be there?

Stars including Joaquin Phoenix, Moby, Patricia Arquette, Jane Fonda, Robby Romero, Al



Gore, Stacey Abrams in conversation with leading scientists and journalists about the ongoing climate crisis. Musical performances and DJ sets include Jason Mraz, Angélique Kidjo, Emily Wells, Aimee Mann, Ted Leo, Jack Johnson and others.

What else?

The livestream will include a segment on global communities on the climate crisis – hosted by actor Luke Baines and journalist Sharon Carpenter – and a discussion on climate grief.

How to celebrate Earth Day

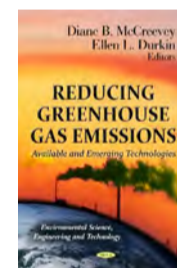
We checked www.earthday.org for some ideas on how to express and voice your support for the planet by doing the following

Advocate it



Read it, don't stream it!

According to the Shift Project, a French think-tank, the greenhouse gas emissions of video-on-demand services such as Netflix and Amazon Prime are equivalent to the emissions of a country such as Chile. This is why we need to read more books!



The simplest way to start is to make an Earth Day sign and hang it from your window, or display it on your front yard/terrace. Create your own slogan or head to www.earthday.org for some cool ideas (<https://www.earthday.org/actions/make-an-earth-day-window-sign/>) Don't forget to include #EARTHRISE, #EarthDay2020, or earthday.org on your sign.

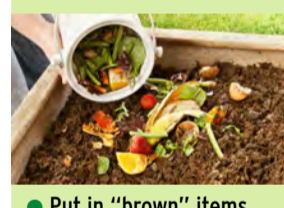


Plant a tree

Donating to organisations like www.sankalp-taru.org or www.grow-trees.com or more such is another positive step that you can take.

START A COMPOST

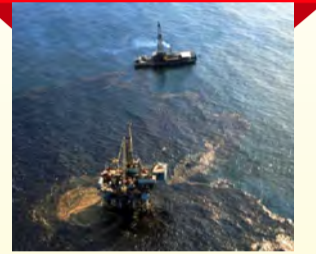
- Use a trash can or a plastic bin that has a lid.
- Drill some holes in the bottom of it, so it can breathe well.



- Put in "brown" items first, like grass clippings, leaves, twigs, even shredded newspaper. Coffee, tea bags and filters too.
- Put in your "green" items – your old food products like egg shells.
- You can even put pet fur in there!

POLICIES AROUND EARTH DAY

NATIONAL ENV POLICY ACT



► The Union Oil Company's oil spill in February 1969 – which covered 800 square miles of ocean in crude oil – inspired then-Senator Gaylord Nelson of Wisconsin to organise the first Earth Day in 1970.

CLEAN WATER ACT



► The Cuyahoga River, Ohio, US, was so polluted that it burst into flames. Twenty years later, US Congress passed the Clean Water Act, which created regulations for waste disposal in water.

MARITIME PROTECTION ACT



► The creation of marine sanctuaries started in 1972 – with the Marine Protection, Research and Sanctuaries Act. Now these sanctuaries protect biological, historical, and cultural treasures.

MAMMAL PROTECTION ACT



► Whales, dolphins, seals, and manatees in Florida's Crystal River received strict protection from hunting and harassment with the 1972 Marine Mammal Protection Act.

YOU SHOULD KNOW

GEN Z ECO ACTIVISTS

Get to know some of the Gen Z environmental activists hoping to change the world, one step at a time.

Greta Thunberg, 16

1 A Nobel Peace Prize nominee, Greta Thunberg is the Swedish teen who's quickly made her way to the forefront of the climate-justice movement.



Katie Eder, 19

3 The executive director of Future Coalition, the largest network of youth-led organisations and youth organisers across the country, Katie Eder, organised two climate strikes and aided the formation of the #AllEyesOnJuliana campaign by age 19.

Jamie Margolin, 17

2 "Life as we know it is coming to an end thanks to climate change and rapid environmental destruction," Jamie Margolin told a magazine. "As a young person, I am always asked and expected to plan for my future. How am I supposed to plan and care about my future when my leaders aren't doing the same, and instead leaving my generation and all future genera-

Nadia Nazar, 17

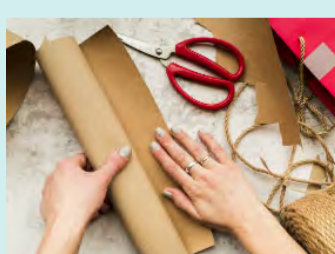
4 Co-founder, co-executive, and art director of Zero Hour, Nadia Nazar joined Margolin in bringing this environmental movement to life. She helped lead a three-day event that centered on climate change activism in the US. For Nazar, animals inspired her involvement in the fight for climate justice.

READ MORE SUCH INSPIRING STORIES [HERE](#)

BE A

Ecowarrior during COVID-19 lockdown

Meenakshi Sharma, founder at Use Me Works, an upcycling organisation, shows us to continue our support for the planet

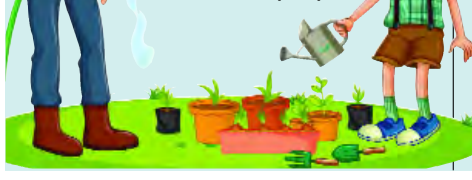


MAKE PAPER BAGS:

1 To maintain social distancing, most people get their groceries and veggies in plastic bags from vendors. But this adds to the plastic waste! As an alternative, use old newspapers gathering dust in your house, and convert them into paper bags.

CREATE A MINI HERB GARDEN

2 Create a mini herb garden on your terrace or balcony and take care of it every day.



MAKE ECO-BRICKS

3 You can google how to make eco-bricks with pet bottles and single-use plastics.

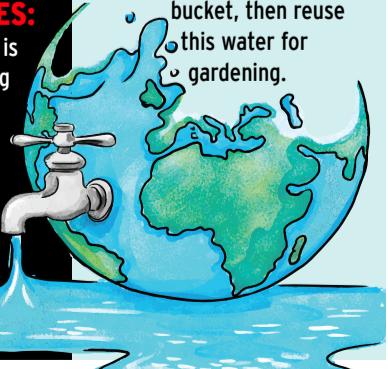


CARE FOR OTHER CREATURES:

4 The increasingly warm summer is wrecking havoc on creatures big and small who need food and water. The birds in your backyard/terrace will thank you for keeping small bowls of water and leftover crushed chapatis/rice. As for the dogs and cats in your neighbourhood, leave some water and food on the street for them.

CONSERVE WATER:

5 Washing dishes is great but are you using more water than what is actually required? Be judicious with water by not opening the tap fully, which will help you save water. Also, wash all your fruits and veggies in a bucket, then reuse this water for gardening.





1 Which marine habitat has the greatest variety of species?
a. Shorelines b. Coral Reefs
c. Marine Trenches d. Seagrass Beds

2 What is the soft, muscular part of the snail called? This helps it to move forward by contracting and expanding.
a. Foot b. Lobe
c. Fin d. Slime

3 Found in the Kali River, along the Indo-Nepal border, which kind of carnivorous fish is the Goonch?
a. Catfish b. Bull Shark
c. Trout d. Pirhana

4 Some species of ovoviviparous sharks practise intrauterine cannibalism i.e., they eat their unborn siblings while inside the uterus. Which of these sharks does this?
a. Great White Shark
b. Sand Tiger Shark
c. Bull Shark
d. Hammerhead Shark

TREE DWELLER GRID

SEVEN CREATURES THAT LIVE ON TREES ARE HIDDEN IN THIS GRID. CAN YOU FIND THEM?

OWL, SQUIRREL, KOALA, MONKEY, WOODPECKER, SLOTH, SNAKE

F	D	M	O	N	K	E	Y	S	A
C	S	N	A	K	E	B	N	T	A
Q	W	E	R	T	Y	U	I	O	P
S	Q	U	I	R	R	E	L	D	S
F	K	O	A	L	A	B	E	A	R
W	O	O	D	P	E	C	K	E	R
S	L	O	T	H	A	Z	X	C	V
F	D	S	A	Q	O	W	L	N	B

Excerpted from the World Wisdom Quiz book published by Puffin books

Excerpted from the Econuts series (by Sonia Mehta) published by Puffin books

SAME OR DIFFERENT?

THE POOR RAVEN LOOKS AS SAD AS DEWY THAT THE WATER HAS DISAPPEARED. CAN YOU FIND TWO PICTURES THAT ARE EXACTLY ALIKE?

LOST LEOPARD

THIS LEOPARD HAS LOST ITS WAY. CAN YOU HELP IT FIND ITS WAY BACK HOME?

Excerpted from the Econuts series (by Sonia Mehta) published by Puffin books

IDENTIFY THESE SPECIES

1

2

3

4

5

ANSWERS

1. Seal pup 2. Macaque monkey 3. Bearded dragon 4. Emperor penguin 5. Humboldt penguin

YOUR CORNER

It should be our earnest endeavour to value every resource, every life form for a harmonious co-existence. After all, its not just we human species that are Earth's inhabitants. With a lot being done to conserve the environment on various days, I feel everyday should be observed as Earth day. Each one of us should keep doing our bit. As an educationist, I make sure my staff and I work on creating sensitivity amongst our students towards our Mother Earth. A lot needs to be done regularly, to shape the thought processes of the youth and the children, towards protecting our environment. It is not a day's task but an everyday essential.

VANDANA TRIPATHI, Principal, D.A.V. P.P.S, Panchkula

THINGS TO DO ON EARTH DAY:

1. Plant a tree
2. Don't eat meat
3. Don't pollute the environment
4. Shop at local farmer's shop
5. 3R's-Reuse,Reduce,Recycle
6. Donate food to the needy

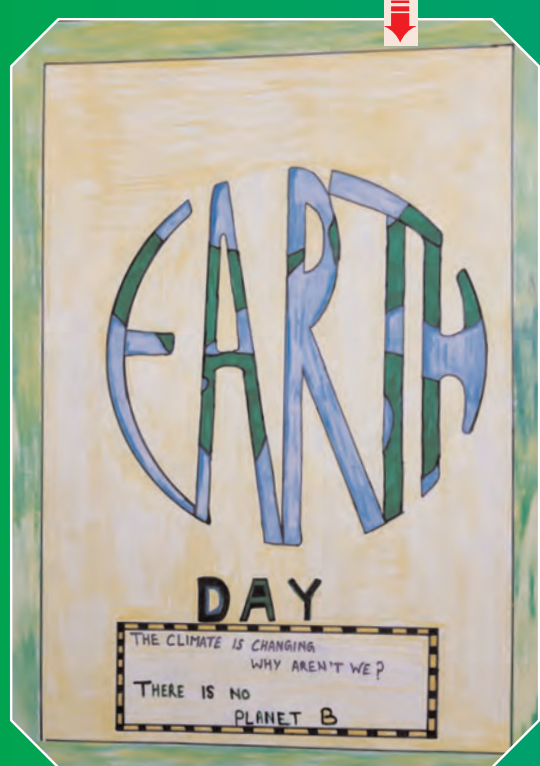
G.LAKSHMAN, class XII B, Bethel Mat Hr Sec School

It appears likely that the global coronavirus outbreak will cut greenhouse gas emissions this year. But it would be a mistake to assume that the rapidly spreading virus will meaningfully reduce the danger of climate change. During lockdown you can use energy wisely and stop buying unnecessary items in plastic.

Maitreyi Singh, class VII C, Our Lady of Fatima Convent Secondary School

Painters' Gallery

RUBAL KOHLI, class IV, St. Joseph Academy, Savita Vihar, Delhi



YASH PARTAP SINGH, CLASS VII, YPS, MOHALI



Plastic is toxic!
Makes the world chaotic.
Stop using plastic,
As it makes our life pathetic.
Save the Earth,
The place of your birth,
The origin of life,
It's where you thrive!
But no one really knows,
How long would we survive?
Due to our actions,
Our future's at stake.
Destroying Earth's beauty,
Its development we say!
But the Earth reacted in a different way!
"One day, when you will see my anger,
Then you will die of thirst and hunger"
Stop the use of plastic,
as we all know that plastic is toxic.
Protecting Earth is just
ensuring our living,
To enjoy our
fruitful life
that's coming.

NUPUR JAIN, Class 10th B RPVV, Yamuna Vihar

READ MORE AT WWW.TOISTUDENT.COM

