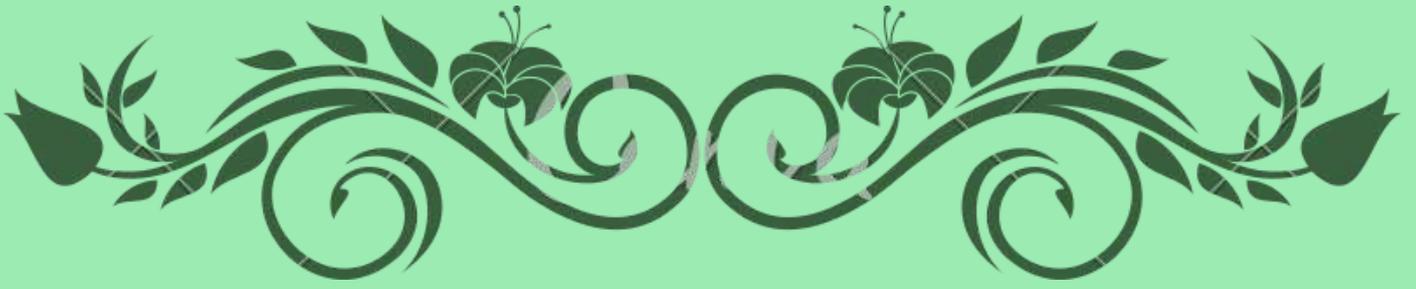


PRESENTED BY DPS MATHURA ROAD

THE GREEN GENE

ENVIRONMENT MAGAZINE
EDITION - 2



**Launch of the First Edition of
The GREEN GENE
-13 August 2019**



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**MRS.
DEEKSHA
KHERA**

**THE
PRINCIPAL**

Today, human society stands at an important crossroads. The path that we take hereon will not only determine our well-being but also that of the generations who will inhabit our planet after us. The imbalances between our greed and necessities have led to grave ecological imbalances. We can either accept this, go ahead with things as if it is business as usual, or we can take corrective actions. Three things will determine how we as a society can bring a positive change.

The first is internal consciousness. Leading lifestyles that are harmonious and sustainable are a part of our ethos. Societies that live in harmony with nature flourish and prosper. The second aspect is public awareness. We need to talk, write, debate, discuss and deliberate as much as possible on questions relating to the environment. Third facet is Pro-activeness that is use of Sustainable practices.

It will take all of us to be conscious of the impact that our actions have on the environment and then make concerted efforts to course correct. I am very happy to write this foreword for the school Environment Magazine-THE GREEN GENE , which I believe is the first leap towards building awareness among the student fraternity. I would like to congratulate all the students and teachers who conceived the idea and made relentless efforts for the magazine to see the light of the day.

**Climate
change is the
environmental
challenge of
this
generation,
and it is
imperative
that we act
before it's too
late.
- John Delaney**



**MRS.
REEMA
SHARMA**

**VICE-
PRINCIPAL
(ACADEMICS)**

My Dear Students,

We need to protect and maintain the originality of our environment to ensure continuity of life on earth, the only place where life is possible in the universe, we know so far.

I am excited to talk about The Green Gene and the good work that the Environment Club, DPS Mathura Road is doing towards building Environment awareness and encouraging us all to contribute to the cause. I find the articles and knowledge nibbits shared here very interesting and meaningful.

It is highly recommended to read the magazine for your own enlightenment and inspiration as well share a copy with family & friends to socialise the cause. I also take the opportunity to invite you all to join the coveted club and be part of this great mission.

Best wishes !

**The only way
forward, if
we are going
to improve
the quality of
the
environment,
is to get
everybody
involved.
-Richard
Rogers**



**MR. NAVEEN
KUMAR**

**VICE-PRINCIPAL
ADMINISTRATION**

My Dear Students,

The environment is an important issue even when society is faced with economic crises, wars, and unending social problems. It matters because Earth is the only home that we humans have.

Soon, we will be in a position where we set off an irreversible chain reaction beyond human control, that might most likely lead to the end of our civilization. Already permanent and unprecedented changes in all aspects of society have taken place. Its high time now that we react and become environment conscious.

I really appreciate THE GREEN GENE Magazine's mission to provide information about environmental issues and to share ideas and resources so that readers can live more sustainably and connect with the ongoing efforts for a better future.

Warm Regards !

**“You cannot
get through a
single day
without
having an
impact on the
world
around
you. What
you do
makes a
difference
and you have
to decide
what kind of
a difference
you want to
make.”—
Jane Goodall**



**MRS. YUSRA
FARIDI**

**TEACHER
INCHARGE
[ENVIRONMENT
COUNCIL]**

Dear Friends,

Natural resources and the environment have always been and will continue to be the key factors determining human development and the quality of life. But it is very sad to say that our day to day activities are continuously and perilously causing serious environmental imbalances. With a global economy and the globalization of ecological and environmental issues, our planet Earth is experiencing radical changes, characterized by global warming and the degradation of the whole ecosystems. This is affecting human development and will ultimately affect human survival.

India is a large country, rich in natural resources, but also very complex ecological conditions. We have a long history of civilization, a large population, and low per capita ownership of natural resources. The country also has many fragile and seriously degraded ecosystems. In the past few decades, we have paid a very high price for the rapid economic growth, in the form of ecological, environmental and natural resource degradation.

We, as a society made this mess and now it is bigger than any one of us! We need to come together to reverse the damage we've inflicted on our planet. Small steps do matter a lot. Long before the advent of ecology and natural resource science as scientific disciplines, the ancient Indian sages taught a philosophy of "harmony between man and nature".

Let us go back to using the bare minimum from Earth and not wasting anything. Now it is time to payback. Let us try and give back what we have so callously taken from our Mother Earth.

We know the problems are dire, but we are also confident that with knowledge, accountability and hope we can overcome these and preserve the planet for future generations.

**Acting with
personal
responsibility
toward the
environment is a
solid first step,
and we hope
that you learn
something here
that will
empower you to
make life
changes that
positively
impact the
environment.**

Hidden valleys and mountain ranges discovered under Antarctica ice.

-Although there are extensive satellite data that help image the surface of the Earth and its deep interior, there was a gap around the South Pole area which is now discovered as Valleys and Mountains.

More species on endangered list

10,00,000 species now at risk of extinction due to the increasing pollution. More than third of Mexico is threatened with extinction due to loss of free flowing rivers..

Ticking time bomb of global trash

Humans generated 1.8 billion tonnes of solid waste till September 2019 including 220 million tonnes of plastic.

Cruise ship pollution hits Europe port

Luxury cruise vessel docking in Europe ports produce two to five times more cancer causing gases than entire passenger car fleets in the cities.

Ireland commits to plant 440 million trees

To help tackle climate change,their target is to plant 22 million trees every year for the next 20 years .

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SYSTEM CHANGE NOT CLIMATE CHANGE....



The effect of Climate Change is being felt everywhere. Arctic and Antarctic ice is melting, leading to rising sea levels. The frequency and strength of storms is increasing leaving destruction in their wake. And rainfall patterns are shifting, causing devastating droughts and floods. As our climate breaks down, billions of people are already struggling to cope and it's the poorest who are being hit the hardest. Powerful cyclones have devastated the lives of millions of people in the Philippines. Forest fires in Russia and Europe have covered cities in thick polluting smoke. And closer to home, catastrophic floods have turned lives upside-down in Yorkshire, Somerset and Cumbria. In drier, hotter conditions, wildfires rage out of control, reducing mighty forests to ash. The oceans are getting warmer and the water is becoming more acidic, causing mass coral die-offs and the loss of breeding grounds for sea creatures.

Soon, we have to change the way we live or else it will be too late for making possible a future which doesn't cost the earth. Some of the proposed changes that could be carried out are -

- Fossil fuels need to be quickly replaced with cleaner, renewable energy like wind and solar power.
- Governments and companies need to further invest in low carbon transport solutions.
- We need to stop destroying forests for intensive agriculture such as cattle farming and palm oil plantations, allowing the trees to regrow and planting hundreds of millions more.
- Over the next twenty to thirty years there is no technological barrier preventing us from moving to an almost totally carbon-free world energy supply, particularly with regard to electricity production.
- For transportation, there is a need to switch to low-carbon alternatives.
- Recycling should be promoted as it's the most effective solution to the mountains of waste generalised.

AIR POLLUTION

-THE SILENT KILLER

-The air quality in Delhi, the capital territory of India, according to a WHO survey of 1650 world cities, is the worst of any major city in the world.

-Air pollution in India is estimated to kill about 2.5 million people every year; it is the fifth largest killer in India.

-India has the world's highest death rate from chronic respiratory diseases and asthma, according to the WHO.

-In Delhi, poor quality air irreversibly damages the lungs of 2.2 million or 50 percent of all children.

CAUSES OF AIR

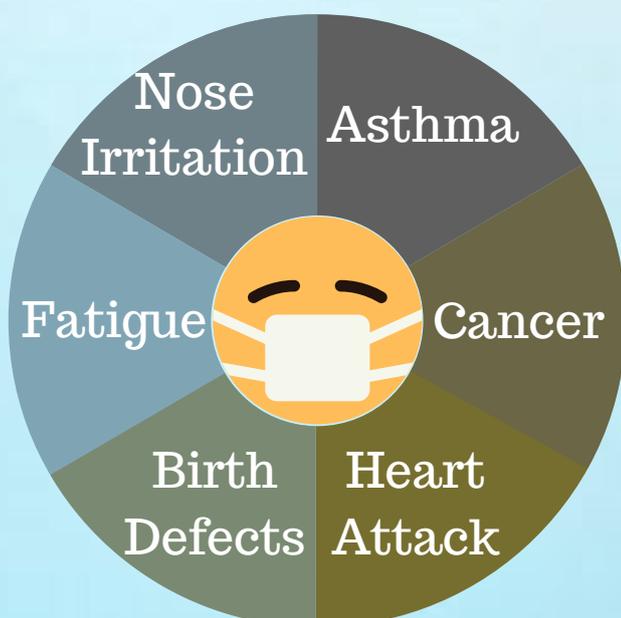
POLLUTION-

- ➔ Stubble Burning
- ➔ Industrial Emission
- ➔ Dust
- ➔ Vehicular Emission
- ➔ Bursting of Crackers

10 YEARS CHALLENGE .



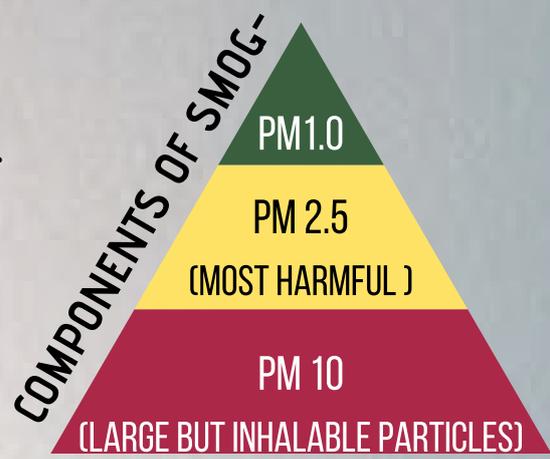
HARMFUL EFFECTS OF AIR POLLUTION-



An Unseen Threat !



In 2019, Diwali was celebrated on October 27, During the month of October, the incidences of stubble burning are usually on the rise in the north-western part of India as farmers switch crops for the season. This increases the pollutant levels in the air. The Data Intelligence Unit (DIU) had found that there were more than 1,200 stubble burning incidents had happened a day before Diwali this year.



HIGHLIGHTS-

- Schools in Delhi asked to remain shut till November 5.
- A public health emergency has been declared in Delhi.
- Delhi CM Arvind Kejriwal has slammed Haryana and Punjab governments over stubble burning.
- Odd- Even was implemented from 4-15 November '19 to curb the air Pollution.
- Schools were closed again on 14-15 November due to hazardous pollution levels.

REDUCE AIR POLLUTION



A Ray of Hope-

October 2019 had better Air Quality than last year

Air Quality	October 2018	October 2019
Good	0	0
Satisfactory	0	2
Moderate	3	8
Poor	17	14
Very Poor	10	4
Severe	1	3
Average AQI	285	238

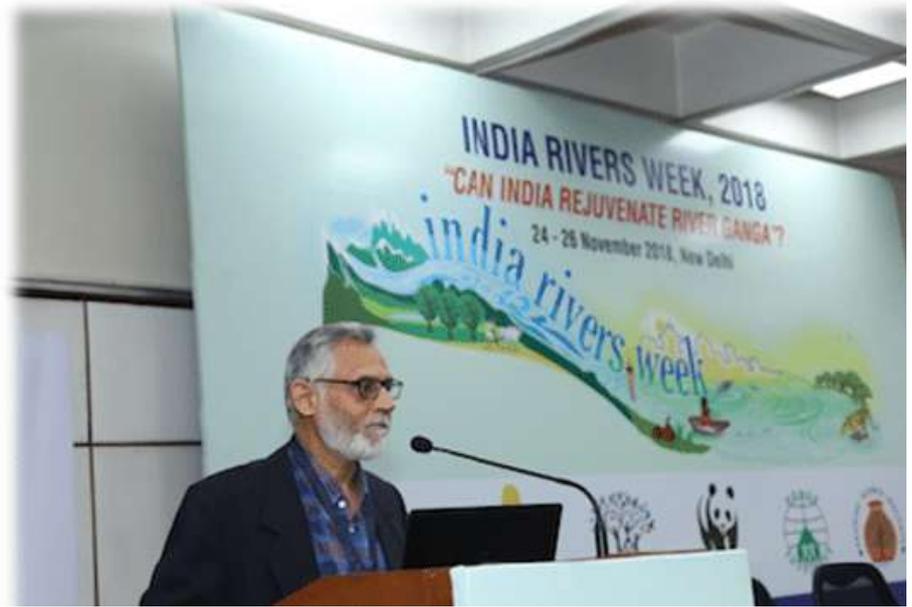
DO YOU KNOW ?

AS DELHI POLLUTION LEVELS SOAR, PEOPLE THROUGH AN OXYGEN BAR- 'OXY PURE' IN SELECT CITY WALK MALL FOR A BREATH OF FRESH AIR , OFFERING BURSTS OF FRAGRANT, PURIFIED OXYGEN.

PEOPLE FOR PLANET

**MR. MANOJ
MISRA**

**ENVIRONMENTALIST
WITH A MISSION**



Having spent 22 years in the Indian Forest Service, Mr. Manoj Misra, left his lucrative service in 2003 to start a Delhi based NGO named PEACE Institute, which is dedicated to the promotion of actions for the protection and conservation of nature. Since 2007, he has been spearheading as its convener, a civil society campaign titled 'Yamuna Jiye Abhiyaan' (campaign for a living Yamuna) focussed on the revival of river Yamuna as an ecological entity. YJA, as the abhiyaan is commonly known, is a consortium of a number of NGOs and concerned individuals working for Delhi city's life line - The River Yamuna. Starting as an awareness generation campaign against the illegal construction of games village for the Commonwealth games in the river bed which involved making representations, appeals and finally court action, YJA soon graduated into a research, documentation, publication and advocacy group for rivers in general and for river Yamuna in particular.

Since 2014, Mr. Manoj Misra as the Convener of YJA has been involved along with other prominent NGOs in the city in organising India Rivers Week (IRW) where river people and organisations come together biennially to exchange ideas and share experiences on the protection and rejuvenation efforts of rivers.

More on this initiative can be seen at www.indiariversforum.org. Today YJA has emerged as a potent voice for the rivers and is called upon by the authorities and other interested organisations to help them with their river rejuvenation plans. YJA also continues to advocate for the river Yamuna through various means including recourse to, when needed, legal action at the National Green Tribunal, High Courts and the Supreme Court of India. It is important that voice is raised against these river harming human activities and children have a role to play in it as exemplified by Ms. Greta Thunberg, a 17 year old school girl from Sweden, who has today, emerged as a global voice against climate change and against an unfortunate lack of seriousness on the issue by the political leaders across the globe. YJA in the past has reached out to students for participation in its river rejuvenation advocacy activities through the formation of Yamuna Eco-Scholar (YES) groups in villages along the river. It would be an excellent SEWA if the students & faculty of D.P.S Mathura road also join the mission & work for saving our RIVER YAMUNA.

Mr. Manoj Misra can be reached at yamunajiye@gmail.com

“It’s not in our DNA to pick up other people’s litter, but in that one simple action of bending to pick up one piece, it’s likely that you’ll think before you throw something on the road again.” - Ripu Daman Bevli

Ripu Daman Bevli is the first Indian Plogger and has organised marathons to make the country litter-free. He's taking forward the PM's vision of 'Swachh Bharat'. Ripu organised a run which began in Kochi on September 5 and ended at the India gate in New Delhi on November 2 with a symbolic 'plogger's run' and covered 100 kms with pit-stops in Mumbai, Hyderabad and Kolkata .



How it all started-

It started with a newspaper report he saw in 2017. A running race had just taken place and three days later, the trash (mostly plastic bottles and promotional material) generated from it, was still littering the streets. He and a friend took some bags and cleared up the 4km stretch. He began doing this regularly, usually after a run, sometimes posting pictures on a Facebook group called "My City = My Responsibility". This drew other runners into what was then a cool-down activity.

Soon they discovered that the Swedes had a name for this, and the world was embracing it: plogging, a combination of jogging and picking up trash.

Over the course of the past three years, Mr.Ripu Daman has organised plogging events across the country. He quit his career in sales and marketing to pursue the goal of spreading awareness about cleanliness in India and has never looked back. Ripu Daman was also applauded by Prime Minister Narendra Modi during his monthly 'Mann ki Baat' radio address.

MR. RIPU DAMAN BEVLI

PLOGMAN OF INDIA

He started the campaign-
"Run to Make India Litter
Free"

MOTHER EARTH WE'RE HERE TO HELP!

SUSTAINABLE PRACTICES FOLLOWED BY OUR STUDENTS AND TEACHERS

This is our responsibility towards future generations. Small deeds and actions can go a long way, each one of us has to do our bit for a happy and sustainable future. Using natural resources where possible such as drying washing outdoors in the sun, promoting awareness of the environment through 'green house keeping practices' such as healthy eating, gardening, minimizing waste, recycling and reducing water and energy consumption. All these practices go a long way saving our future.

Let's meet a few stalwarts of our school who have already started their campaign towards sustainability.



DIVIDE AND CONQUER WASTE SEGREGATION IS THE KEY !

By Ms. Harshita Bakshi

After being reluctant to take up composting initially , I soon found myself enjoying and valuing every bit of the effort and time spent worth it!

Waste segregation helped us as a household to cut down drastically on the discarded waste. It was realized that 90% of the waste was actually biodegradable .All of it started with one simple step, the will to do our bit for our society.

1. Made up our mind to initiate composting.
2. Ordered two compost bins from TrustBasket.com
3. The process of picking continued to take place parallel to it.
4. After letting the wet waste pickle for more than a month in both the bins we transferred it into a big drum.
5. The drum was left closed for a month and the end result was a huge pile of dry manure.
6. The sight of it is an absolute pleasure and gives a sense of deep satisfaction.
7. We aim to continue this at our end , a humble attempt to save the environment.

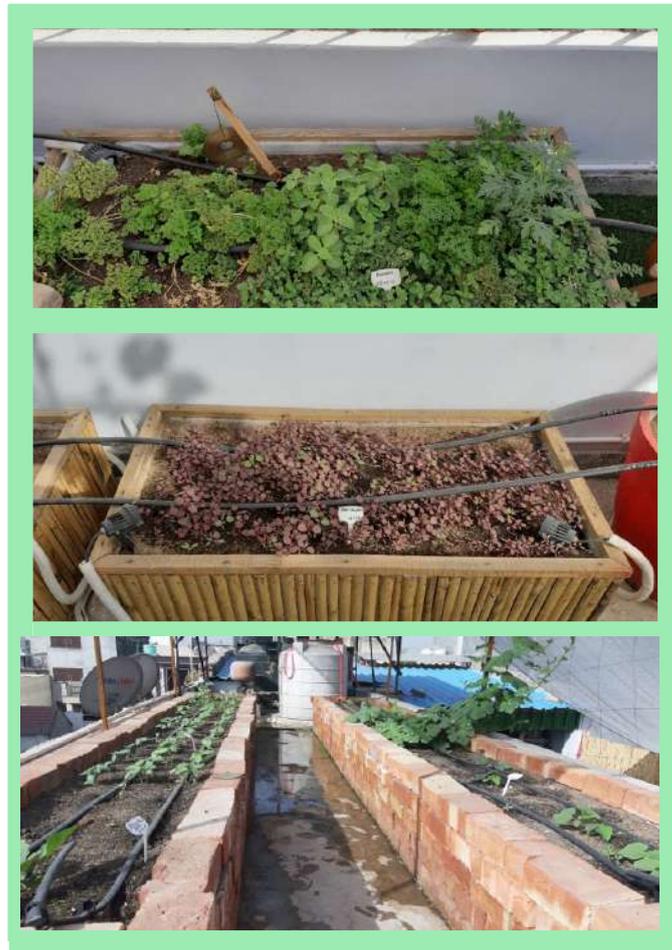
Let's brace up ourselves as we have only one planet to save.

TERRACE KITCHEN GARDEN

By Ms. Apurva Uppal

The concepts of gardens has vanished from today's lifestyle, due to scarcity of space & the evergrowing concrete jungle.

To overcome this problem we came up with the idea of a terrace kitchen garden with drip irrigation system. Nothing is impossible if you really care and are ready to do your bit towards a sustainable and green future.



ZERO WASTE LIFESTYLE

-Ms. Priyanka Bhattacharya



One day you will wake up to find a huge pile of waste outside your home and the repulsive stench will be too much to tolerate. This nightmare will soon be a reality and its high time we make changes in our life style to reduce the amount of waste we are generating. Simply put, when we do not segregate our waste, it has a direct impact on our health, the soil on which we grow food, the water we drink and the air we breathe. For years people have learnt to embrace consumerism as the accepted norm of society without realizing the horrifying future they are creating for their next generation. We are generating new types of waste with the growing demand for processed food. Another worrying practice is this use-and-throw culture supposedly in the name of hygiene. Any celebration is an excuse to generate a mountain of trash—paper cups, plastic cups, thermocol plates, plastic spoons, water bottles... Now that nature has decided to fight back, we are realizing the flaws in our decision and making necessary amendments. We need to take responsibility for our waste and as consumers, we have to be aware of the impact of our actions. One has to accept that we do not inherit the Earth from our ancestors; we borrow it from our children. We have to create a better future for them. Green living by incorporating zero waste lifestyle in the need of the hour and people are making significant changes in their day to day life for the same.

1. At Home:

- As much as possible, avoid storing food and water in plastic since it is not safe. Steel and glass and even bamboo containers are better storage options.
- Compost your organic wet waste after waste segregation in earthen pot or bins with holes in it. Make your own all purpose cleaner using citrus peels, water and jaggery to avoid store bought chemicals.
- Reuse ice cream containers, metal boxes, beverage bottles to store provisions and water. They could also be used as planters.
- Avoid using aluminium foil, cling film, and paper napkins
- Avoid processed food which generates more packaging waste and has less nutritional value.
- Use rechargeable batteries.
- Get reusable sanitary pads or menstrual cups. You will recover the cost in a few months and reduce the load of sanitary wastes in the landfill.
- Reusable cloth nappies are a great option if you have a baby. They are now available for the elderly too.
- Switch over to bamboo tooth brushes
- Avoid buying new clothes and recycle your old ones. Adopt a sustainable wardrobe where you buy less but buy better eco friendly handwoven fabrics

2. When you go out

- Make sure you always carry a produce bag (bags made of old tee shirts, sarees, jute bags, baskets).
- Carry your own containers to your provision store for your staples.
- Carry a steel water bottle, travel mug whenever you go out to avoid disposable cups.
- Carry your own cutlery
- Carry a small cloth napkin.

3. At Office/School

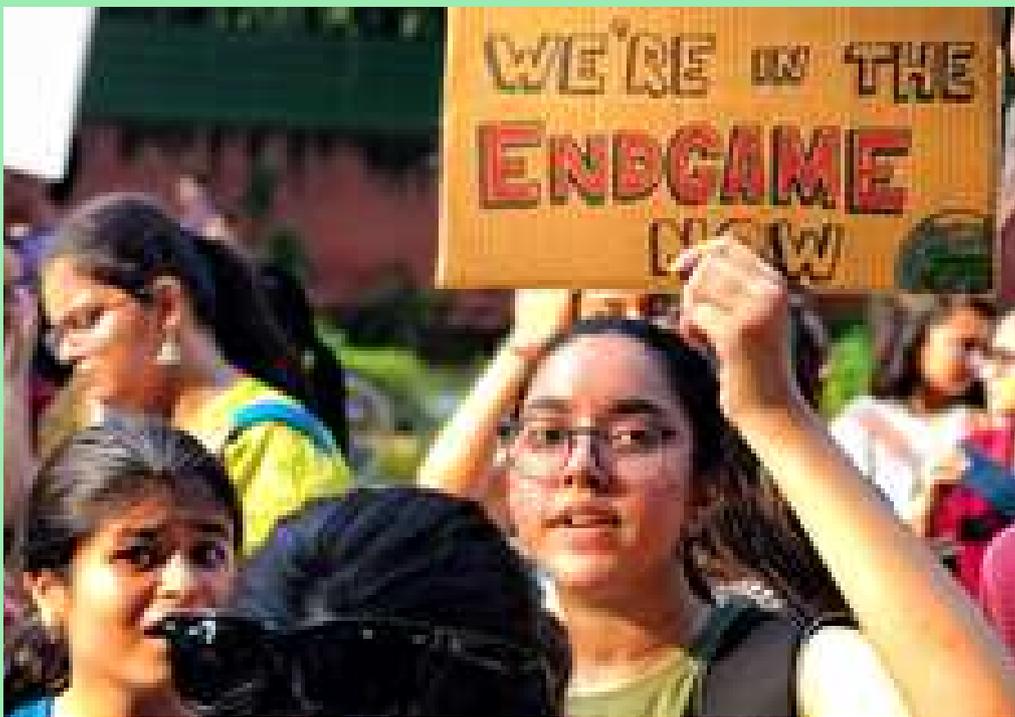
- Avoid unnecessary usage of paper. Wherever communication is required prefer to send a soft copy instead of hard copy of the mail/message. Opt For paperless correspondence to avoid junk paper accumulation.
- Avoid plastic wrappers /Files/Stationary kits
- Embrace the age old fountain pens to reduce use of plastic pens.

The first step is to give up the most common culprits; single use plastic bags, bottles, straws, disposables. These are all easy to phase out of our lives and have affordable alternatives accessible to almost everyone. Change can be exhausting at times but remember **ZERO WASTE IS ABOUT EMPOWERING THE INDIVIDUAL WITH THE POWER TO CREATE CHANGE FOR A BETTER FUTURE FOR OUR NEXT GENERATIONS.**



ZERO WASTE. GO GREEN!







"THERE IS NO PLANET B"

-Fareya Tanvir XII-E

On 20 th September 2019, a Global Climate Strike was held in New Delhi. It was a peaceful protest heeding Swedish climate activist Greta Thunberg's call for mass protests to sound the alarm on Climate Change. It was an initiative taken by "Extinctions Rebellion", a climate change group, and Thunberg's "Fridays for Future", where more than 2000 people, the youth of the country, who believe that it is their responsibility to save their own future gathered together to march from Lodhi Garden to The Ministry of Environment, Forest and Climate Change from 3pm to 6pm asking the government to treat this as a priority and declare a climate emergency in the country. The enthusiastic millennials sat down on the streets, sloganeering with poster and placards made up of recycled or reused materials.,

"We're in the endgame now",

"Earth will survive climate change, we won't"

"We are unstoppable, is another world possible? "

A group of students were also carrying a trash bag with them, collecting the roadside litter while marching. Some of the young climate change activists also met Housing and Urban Affairs Minister Hardeep Singh Puri, and raised the issue of deforestation. They told Puri how his ministry could be more practical and sustainable. There were basically three demands, one was to declare a climate emergency, the second was that the government tells us the truth about how we are upholding the promises under the Paris Agreement (of the UN Framework of Climate Change), and the third is for them to put in place a legislation to do the first two, which will also necessitate youth participation. The protest was an exemplary initiative to spread awareness about the need of the hour, but it can be called a success only when the government take necessary actions against climate change, towards a better tomorrow.



AUTOMATED PLANT GROWTH MONITORING SYSTEM

-By Yashas Jindal X-G

What Problem have I identified and how?:

Today, we are facing a lot of environmental problems, one of which is the disappearance of green plants and forests. Forest management is a must in our country and our national forest policy requires 33% of the land area in India to be classified under forested lands. Deforestation results in soil erosion, desertification and harmful climatic conditions. This problem had to be dealt with both at a national level as well as at the local level, so I decided to act. After witnessing the works of the upcoming child environment activists like Greta Thunberg, I realized that it is better to act than to speak about acting.

The Solution that I came up with:

So, to combat this growing and life-threatening problem I put my knowledge on automated robotics, Internet of Things and Machine Learning to come up with an **Automated Plant Growth Monitoring System** that can be successfully adopted in forest management, agricultural practices as well as for personal gardening purposes.

The Working of my Model/Solution:

The system, once installed, will show the conditions of the soil and forest like the temperature, moisture level, pH level of soil and barometric pressure on a smart device like a mobile or tablet, etc. via the internet and allow the supervisor to monitor as well as irrigate the lands from the internet. There's also a safeguard mechanism to automatically water the field(s) if the moisture level drops drastically below the optimum quantity required by the plants.

All the data about the temperature, moisture, pH level, barometric pressure and whether plant growth was observed. stored and analysed to find out the conditions required for the maximum yield and fastest growth of plants using machine learning.

The Practicality/Scalability/Cost Effectiveness of the offered Solution:

The overall cost of the proposed solution is very low making it cheap and affordable and can be further implemented easily in the forested areas in India as well as in forested area worldwide (example: The forests that have suffered a major blow to wildfires in California, USA) to manage them under various government schemes aimed at aiding the forest rangers in their duties and schemes directed at conserving the environment (like the agenda 21 adopted at the world summit aimed at improving and conserving our environment).



READER'S COLUMN

Amazon Ablaze

By- Riya Chawla Class XII

This year has witnessed some of the most catastrophic climate events including the Amazon fires which were the worst ever recorded. Who is really to be blamed? Is it Brazil's Prime Minister Jair Bolsonaro and his impetuous environmental policies or is it the El Niño or the voracious meat-eaters?

Let find out.

Bolsonaro administration sought to open up the Amazon for development and that paved most of the way for deforestation. Initially, he pointed fingers at the NGOs that opposed these policies and held them responsible for the so-called without backing it with any evidence. In August this year, he sacked the director of the National Institute for Space Research over the data it released showing the sharp uptick in deforestation that's taken place since Bolsonaro took office. Around the same time, Brazil's Minister of the Environment Ricardo Salles tweeted that dry weather, wind, and heat caused the fires to spread so widely. However, fires are an uncommon phenomenon even in the dry weather. The international pressure forced the Prime Minister to put a 60-day fire ban with a few exceptions. But what will happen when this ban is lifted? Many environmentalists believe that the land was being used for agribusiness, a major one being fodder farming. Fodder is solely grown to be fed to cattle and other farm animals. High demand for meat calls for faster turnaround of fodder. The industry is responsive to the consumer needs but it is not taking the environment into consideration at all. Indeed, what on your plate matters. Have you ever thought about it?



Even our dreams need oxygen!

- By Daiemah Malik XI-L

Waterfalls all around.

Oh how amiable is the sound,

And I sing the beautiful song.

But then I hear the bong!

Once.

Twice. Thrice.

Oh now I realize!

It was just a dream.

For even I am in the team,

That is responsible for the earth's scream.

But how did I end up here?

Holding a share,

In the forthcoming earth's demise?

I was the one rewarded with the grand prize;

For being the best marcher;

To prevent the Mother Earth's departure.

Was it when I failed to put my words into actions;

And anticipated the hazard to be the ultimate destination?

Or when I turned a blind eye,

To the earth's sighs,

Contrary to my dismay,

When that man in gray

Overturned the tree,

I went on with my own spree.

The feeling of guilt crept inside of me

As I held my lavish apartment's key

For it is also built on the graves,

Of the trees that pave,

The way for us to dream;

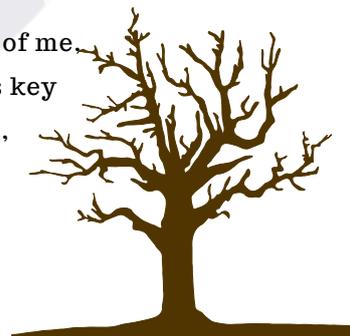
And gleam.

So will no trees eventually mean no dreams?

For to see those lucid dreams,

You do need to breathe

Don't you?





BEFORE ITS TOO LATE

-Gursimar Khurmi XI-E

Maybe when her last tear
falls to the ground,
and when they look at her
all they see is a grey stone,
when humanity has wiped off her existence,
someone will pick up that blue plastic bottle
lying helplessly beside the trash can.
Maybe when she sees the world
when her heart stops beating,
when the rivers flowing in her
turn into haunting memories,
and the lives she bore in her heart
all slowly turn to ashes,
and when she looks around
all she sees is dark skies
brought with insanity all around her,
and her strength made of porcelain
and her body made of stone,
bleak and hopeless,
someone will pick up the plastic straw
from the hollow breaking ground,
that was once a beautiful shade of blue.
Maybe she's losing hope,
and now she's begging to be loved,
she's begging to be looked after,
and she's begging for a voice.
Not just to break the silence
but to break the negligence
before she breaks.
Maybe she's spiralling now,
maybe this is all too much for her,
or maybe we turned her soul
into a deep shade of grey
when all she ever did was endure the pain
and try her best to make the rainbows laugh
and her colours smile,
just to keep us safe.
Maybe she's in denial now,
or maybe we've just become too ignorant
because all she sees is an empty ground
filled with a traumatic nostalgia
she never asked for.
Maybe it's too late,
and maybe it's her time to change,
but maybe it's our hands that hold her fate.
Maybe this war doesn't need any weapons,
or maybe we're the cannonballs
she was afraid of,
but it's getting late
,and someone has to pick up the plastic plate
lying beside the car parked
underneath the quivering clouds,
before it forever turns into a painful polaroid,
that she only wishes she could bring back.



Love thy planet

-By Savanah Chandok XII-K

Gone are the days of fresh air, fresh water, clean and fresh environment. These have only become words we read in books and papers. Due to increased population, high demand of land, food and water, every resource is consumed at a high rate. Human beings have used and misused these resources to the extreme. This has resulted in rapid increase in water pollution, land pollution and soil pollution. It is disheartening to see that people take the mother nature for granted and are still not aware of the consequences. They either turn a blind eye or they are simply unaware or do not care. What mother nature has given us is exceptional and it is our duty to preserve it full heartedly. It is we who need mother nature, she does not need us. Yet we are so arrogant and careless. Nature has been there for four and a half billion years. Our future depends on mother nature. When she thrives, we thrive and when she falters, we falter. Ocean, soul, flower, forests, all belong to the mother nature. We are only tenants on this planet. How we choose to live each day, whether we respect or disrespect our nature, our deeds will decide our existence on planet earth. It's not our planet, never was and never will be. But humans out of their greed take more than their needs. It does not work like that. People and nature can only co-exist if they learn to respect and develop a feeling of admiration for our planet.

WE THE PEOPLE OF INDIA



-Aarna Grover IX-A

Environment is the visible or non-visible surroundings which support life on this earth. This earth is full of natural surroundings, some are biotic and some are abiotic. Element comes in categories of biotic and abiotic, further can be divided among four types of sphere like Biosphere, Hydrosphere, lithosphere and atmosphere. The balance between the nature and human lifestyle is important to protect the environment. Protecting the environment, atmosphere and its various natural resources is important. It is obvious that environmental degradation can prove to be disastrous as it threatens the very existence of life on earth.

Therefore, clean and green environment should be maintained for a healthy life. The Environment (Protection) Act, 1986 authorizes the central government to protect and improve environmental quality, control and reduce pollution from all sources, and prohibit or restrict the setting and /or operation of any industrial facility on environmental grounds. But law is not self-executing, it has to be moved and that is possible only if WE THE PEOPLE OF INDIA..... assume it our responsibility. Odd even has been introduced by the Delhi state government to control the rising levels of air pollution. Also the Punjab and Haryana governments has banned the burning of 'parali'. Single use plastic is being discouraged. But these efforts are not enough to protect the environment.

For giving a better and healthy life to our future generations, we all should unite with take some pledge about prevention of our environment with less and safe use of natural resources.



5 THINGS YOU CAN DO TO PREVENT CLIMATE CHANGE

-Lavanya Dutta IX I

- **Make Your Commute Green**

Millions of people drive to work or school or any other place every day, it is simply unavoidable in our modern-day society. However, the downside to this is that millions of cars emit greenhouse gases that destroy our atmosphere. Vehicle emissions are a close second when it comes to the top causes of climate change. There are always other options that you can utilize to make your commute eco-friendly. For starters, taking public transportation to school is a great way to cut out emissions. You can also try car pooling. Riding your bike to nearby places is also incredibly helpful.

- **Be More Conservative with Energy Usage**

Becoming more energy efficient is a great way to prevent pollution. It causes the power plants to expend less energy that can lead to the production of greenhouse gasses. This means that you should do what you can to cut down on energy usage in your household. Make sure to turn off lights and unplug devices that you are not using anymore when you are done with them, replace your light bulbs with energy-efficient light bulbs to help you save electricity too.

- **Recycle**

Manufacturing plants emit a large number of greenhouse gasses per year. It is unavoidable in the production of goods that we use on a regular basis. However, a cleaner alternative would be to invest in recycling. Recycling is a cost-effective and eco-friendly process that eliminates waste and doesn't emit greenhouse gasses into the environment. Be sure to collect your discarded paper, glass, plastic, and electronics to your local recycling center.

- **Educate Yourself and Others**

The importance of educating others about climate change cannot be overstated in our modern society. There are many platforms for us to utilize that can allow us to spread our message easily. Whether you use word of mouth or social media, there are always ways to educate others on what climate change is doing to our planet. You can help protect the planet by educating others about the dangers of climate change and how to act against it.

- **Encourage the use of renewable energies**

Focusing your efforts to spread awareness about renewable energy is the best way to create a positive impact in your community. By informing others about how renewable energy is better than utilizing fossil fuels, you will sway others into investing in the idea.

EARTH'S RAGE IN A PLASTIC CAGE

-NOOR MALIK X-G

Plastic littered everywhere
Has destroyed our home
Especially single-use plastic,
which we use once
Throw and then move on.

Plastic rings get stuck in turtles
The earth shares their plight
Cows choked with plastic
Present a dreadful sight.

The environment has deteriorated now
With pollution all around
For now there is more plastic
Then there are bushes found.

The earth is pleading and weeping
Being smothered in litter
Is enough to make
Even our Mother Earth bitter.

Then it lashes out
And loss of human life takes place
Tsunamis, earthquakes, natural disasters
All occur at a rapid pace.

Lets prohibit plastic
For it will be our bane
Let's make a change together
And end nature's suffering and pain.

So before we repent
When everything is gone
Let's live by the motto
I stand for what I stand on.



INITIATIVES TAKEN BY THE ENVIRONMENT COUNCIL

TREE PLANTATION CAMPAIGN ONE CHILD-ONE PLANT CAMPAIGN

"The forest is a peculiar organism of benevolence offering shade even to the Axemen who destroys it."

With the noble mission of making our city green and serene, and to lay emphasis on water conservation Tree Plantation Drives are organized on a weekly basis by the Environment Council of DPS Mathura Road.

The drive was inaugurated by The Principal, Vice Principal and other dignitaries along with the Prefectorial Body of our school on the occasion of Independence Day. They planted the saplings in the PT Ground. The students planted saplings obtained from the Government Nurseries under the Mega plantation drive. The drive is a huge success in empowering students with substantial knowledge of environment and plants.

Class VII and VIII students participated in the Green Window design event in which they had to decorate their classroom windows with the help of potted plants and posters highlighting the importance of planting trees and their role in purification of air.



ANTI NOISE POLLUTION CAMPAIGN

*Stop Noise
Pollution before
it stops your
hearing
capacity!*

Anti-Noise Pollution Campaign was organised on 7th May 2019, to raise awareness about the harmful effects of Noise pollution on our mother Earth as well as on us. The campaign focused on raising awareness about the noise pollution and the efforts which humans as the dominating species can put forward to put a stop to this noise pollution.

The campaign was carried out outside the school near the Sundar Nagar red light and zebra crossing. Pamphlets were given to the van drivers, bus drivers and various other vehicle drivers providing information about the part they can play to reduce noise pollution, STOP HONKING was one of the most important aspect in the campaign.

This awareness campaign was also carried out in the Pre-Primary wing of our school to raise awareness and create an understanding within young minds .Awareness created at such a young age would develop their minds in a positive manner .There was active participation of students as well as teachers of class XI in this campaign.





KIDS' GREEN TEAM! WE'RE DEDICATED TO THE PLANET!



SMALL HANDS CHANGE THE WORLD.....



GREEN DAY CELEBRATION

“Children are not things to be molded, but are people to be unfolded.”

Jess Lair

GREEN DAY was celebrated in the Primary Wing with great zeal and enthusiasm on 30th August 2019 to sensitize students towards environment by encouraging them to save environment and plant more trees.

In order to give more significance to the occasion, the staff and the students came to school dressed in pretty green attires and looked eco-friendly. A spectacular assembly with the motto of “GO GREEN” was presented by students of class I, highlighting the importance of keeping the Earth clean and planting more trees. A gamut of activities were carried out across classes I to V. The classrooms were beautifully decorated in green theme and all the green objects from a child’s immediate surroundings were brought to the class rooms. They brought green snacks and eatables in their tiffins.

An oath was taken by students to make them aware of the decaying environmental conditions and educating them towards their duties for bringing about an effective environmental change. Related videos were also shown which prompted them to think how green colour energizes and revitalizes our lives.

The highlight of the day was the Tree Plantation Ceremony by the Principal Ms. Deeksha Khera, Headmistress Ms. Ranjana Dean, Senior Mistress Ms. Renu Puri, Ms Sangeeta Mehta (E.E.C.C Incharge) along with the students.

It was indeed a reviving and rejuvenating day for everyone!!



THE KEY TO A GREENER PLANET IS IN YOUR HANDS.....



EARTH DAY CELEBRATIONS

*Keep close to
Nature's
heart... and
break clear
away, once in a
while, and
climb a
mountain or
spend a week in
the woods.
Wash your
spirit clean.*

On 22nd April 2019, we celebrated 'Earth Day' organizing various awareness campaigns and in-class activities for classes VI-IX on the theme 'Protect our Species'. The celebrations commenced with a morning assembly for the senior school. It started with a beautiful prayer by our officiating principal, Ms. Deeksha Khera. We had a melodious performance by the music club of our school. There was also a breathtaking performance by the dance club presenting 'ashadeep jagao' in anticipation of a greener tomorrow. The highlight of the assembly was an entertaining street play presented by the students of class IX-XI on the plight of our mother Earth and the fragmentation of her flora and fauna. During the day, we had numerous in class activities for the students of class VI-IX who were exposed to a PowerPoint Presentation prepared by the Environment Council focusing on the uprising issues of concern.

Volunteers interacted with students of classes VI-IX to generate environment-consciousness and discuss the small steps and changes we can make in our daily lives to protect our nature.

Class VI students were encouraged to learn about the extinct and endangered species by getting a cut-out of any one endangered animal or plant of their choice and learning a few facts about them.

Class VII students participated in collage making on the topic 'Protect our Species' and the collages made at the end of the day were exquisite.

For Class VIII a 'Best Out of Waste' competition was held where they had to convert waste material into useful products.

For Class IX a Logo Designing competition was held on the topic-'Waste management/Protect our species'.

The Highlight was the active participation of students-a great turnout with over 250 students per event and was indeed an enlightening experience for everyone.

CLEANLINESS OF RIVER YAMUNA

*When the Well
is Dry, We'll
Know the Worth
of Water. –*

**Benjamin
Franklin**

The River Yamuna passing through 22 km in Delhi was once described as the lifeline of the city, but today it has become one of the dirtiest rivers in the country due to increase in industrial and sewage disposal. Considering the benefits of awareness about this issue amongst the youth, an array of activities was organised by the Environment council of DPS Mathura Road

1. NUKKAD

NATAK-“YAMUNA BACHAO”

On 21 august'19, Nukkad Natak competition was held in in the school. Students of classes VI-VIII and IX-XII chose themes apt and relevant to the present day times creating awareness on the deteriorating condition of river Yamuna.

All the students gave very expressive renditions on the theme. Each natak put forward many questions, few answers and most importantly a meaningful message for the community. The judges applauded all the participants and were impressed by innovative and sensitive presentations by the young children.

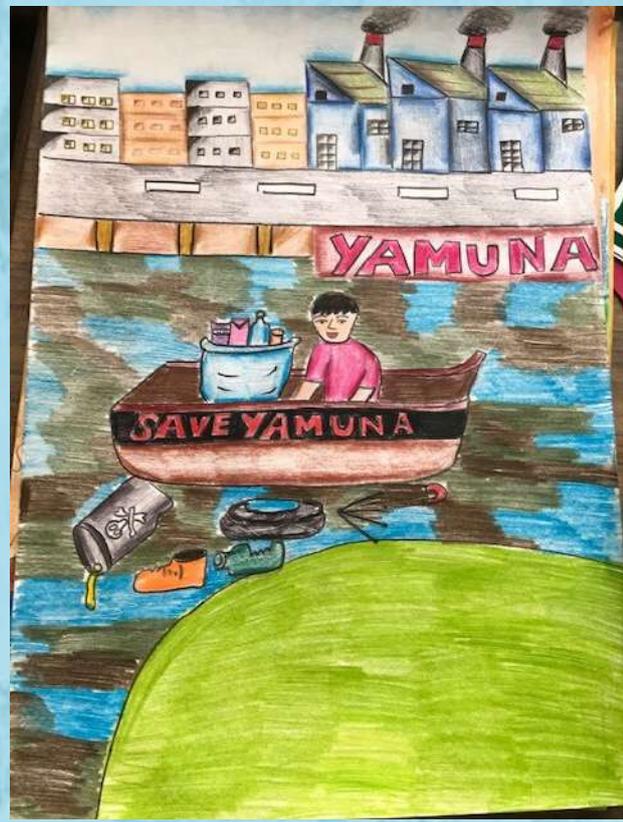




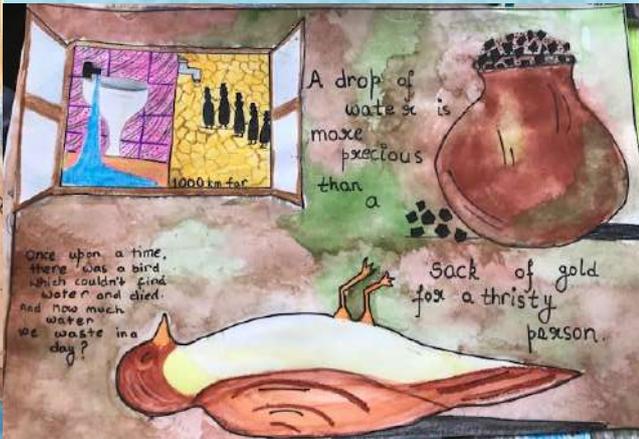
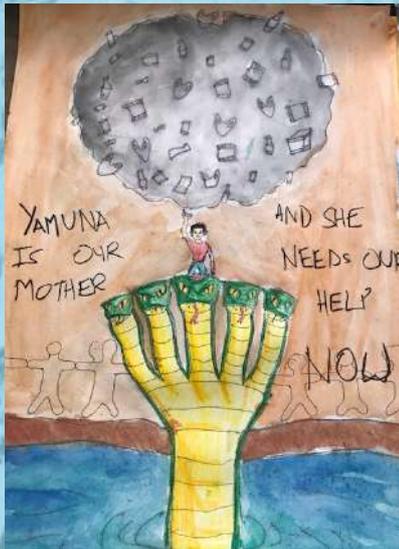
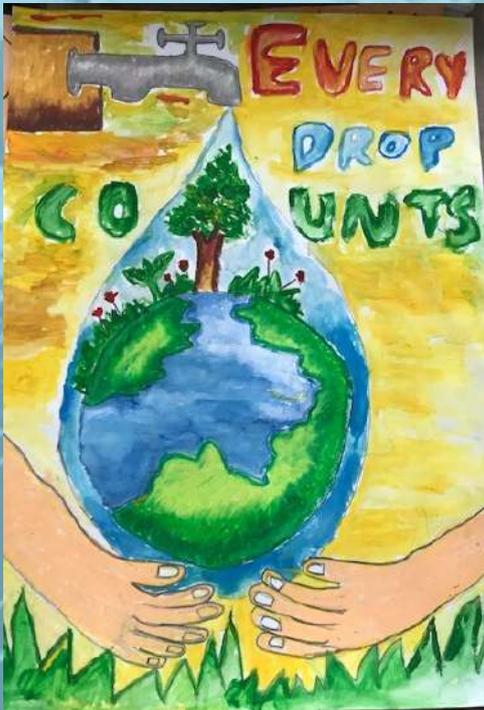
2. AWARENESS WORKSHOP The school conducted a workshop in the month of September for students to spread awareness on River Yamuna which was once pride of Indian civilization is now a dead river. The young minds of middle school (Class VII-VIII) were addressed by the senior students of the environment council to make the future generation aware about the current situation of water pollution in the river with special focus on drainage and industrial waste. Students were taught about various steps they can take to reduce the problem. Idol immersion and its harmful effects on the environment was discussed. The initiative taken by Delhi Government for reducing water pollution by Idol Immersion was also highlighted. Students enjoyed the short PPT showcased and treasured the thoughts conveyed to them. The workshop included an interactive session in which the DO'S AND DON'TS were discussed. The workshop ended with the enthusiastic students taking Environment pledge to take care of river Yamuna. This pledge is taken every month in the School Assembly.



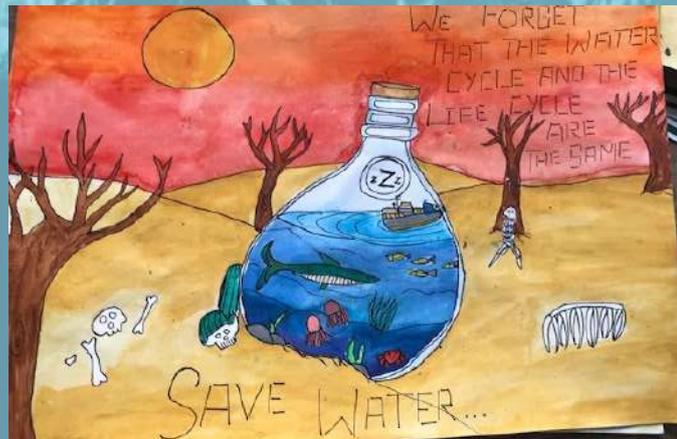
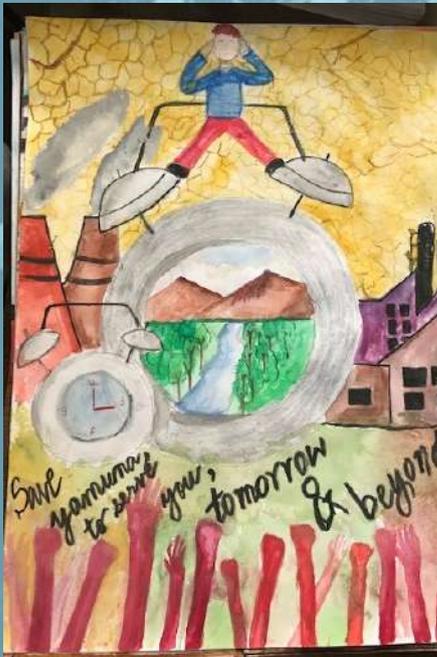
3. SAVE YAMUNA -POSTER MAKING AND RALLY- To bring out the creative expression of the students and also to gauge their awareness quotient, Poster Making Competition was organised for students of middle School (Class VI-VIII) on the theme SAVE RIVER YAMUNA. The aim of this competition was not merely to see the creative aspect but also to trigger the thought process of the children and sensitize them towards these burning & serious issues. Later a rally was conducted with the young minds holding their beautiful posters in their hand to involve other students of our school.



Posters By Our students.



**Rivers our wonderful- why damage them?
For water is truly resourceful- it is a true gem.**



WORLD ENVIRONMENT DAY CELEBRATIONS

*"Giving the kids
a chance for
creative output
can do a lot for
morale in the
classroom."*

—James Lopez

On 19 July 2019, the Environment Council of DPS Mathura Road celebrated the World Environment Day to generate environment consciousness and enhance the creativity of the students with the objective to imbibe them with the respect for nature by conducting various competitions for the students.

Students of class VI were exposed to the concept of segregation of waste. The volunteers were given instructions on how to segregate wet and dry, recyclable and non recyclable waste on the basis of different colours of dustbins i.e. green, blue and black.

Class VII students participated in the Green Window design event in which they had to decorate their classroom windows with the help of potted plants and posters on the importance to save trees and the designed windows made at the end of the day were exquisite.

For Class VIII a 'Birdhouse designing' competition was held where they had to convert waste material into beautiful birdhouses. They made exquisite houses with materials such as twigs ,cotton ,papers, cardboards etc

For Class IX a Powerpoint presentation competition was held on the topic-'Techno Green Solution'. The students unleashed their creative side on the blank slides to depict waste management and how we can conserve our Mother Earth.



SINGLE-USE PLASTIC BAN DRIVE

"It's only One Straw" From 20th- 25th September, 2019, Monday, as a part of the campaign Swachhata Hi Seva launched by Prime Minister on 11th September few activities were organised by the Environment Council to sensitize the students on Single Used Plastic.

AWARENESS SESSION

Said 8 Billion People

Students from grade 11 took the initiative to conduct awareness sessions in various sections of Class VI-X. Several videos on single used plastic and its harmful effects were shown to the students. During the discussion session, one of the questions where everybody cheered for the answer was, "Why people are still using plastics knowing that plastics are harmful?" and the smile of the students were priceless after getting the most satisfying answer i.e. ?It's cheap , easily available, and?..? SINGLE USED (disposable). Meanwhile, everyone in the program were overjoyed with the news of single used plastic being banned by Government of India from 2 october 2019. The workshop ended with students thinking of suitable alternatives for the banned items.



End the stigma. Reach out.

NO INTELLIGENT SPECIES WOULD DESTROY THEIR ONLY HOME AND PLANET!

SINGLE-USE PLASTIC WILL BE BAN FROM 2ND OCTOBER 2019.

ENVIRONMENT COUNCIL
DPS MATHURA ROAD

SKIP THE STRAW

A SINGLE-USE PLASTIC

WE USE STRAWS FOR AROUND TWENTY MINUTES BEFORE WE TOSS THEM AWAY, WHICH IS AN ASTONISHINGLY QUICK LIFESPAN FOR AN ITEM THAT WILL BE ON THE PLANET FOREVER. STRAWS ARE AMONG THE TOP 10 MARINE DEBRIS ITEMS.

LET'S BE RESPONSIBLE CITIZENS. LET'S HELP SAVE OUR ENVIRONMENT.

ISSUED BY ENVIRONMENT COUNCIL
DPS MATHURA ROAD



SAY NO TO

~~SINGLE-USE PLASTIC~~

BY ENVIRONMENT COUNCIL-DPS MATHURA ROAD



ENVIRONMENT COUNCIL REQUESTS TO GIVE UP SINGLE-USE PLASTIC

ONLY 1 IN 5 PLASTIC BOTTLES ARE RECYCLED

The energy required to make one plastic bottle could recycle ten plastic bottles

CAN'T REUSE IT ! REFUSE IT !
ISSUED IN PUBLIC INTEREST.

DELHI PUBLIC SCHOOL
MATHURA ROAD



NUKKAD NATAK

The highlight of the anti single used campaign was an entertaining street play presented by the students of class IX-XI on the plight of our mother Earth and how are oceans are suffering during the break. Large number of people from class VI-XII ensured their presence as an audience. The street play was held outside the canteen area where students had gathered during break. After the play the students volunteered to gather the clear the area of platic waste.

COLLECTION DRIVE

Students were motivated to bring single use plastic items from home and a collection drive was held by the students of Environment Council. The plastic wastes collected ispart of the shramdaan being organised by the Government of India.



THE SEA TURTLES ARE DYING ,
THE OCEANS ARE CRYING ,
THE PERILS OF PLASTIC ARE IMMENSE
ITS TIME TO USE OUR COMMON SENSE !

HELP SAVE THE EARTH
MOVEMENT TOWARDS A BETTER FUTURE

9 REASONS TO REFUSE SINGLE-USE PLASTIC

- 1** Made from fossil fuels
- 2** Huge carbon footprint
- 3** Will still be here in hundreds of years
- 4** Only a tiny percentage is recycled
- 5** Leaches toxins into food & drink
- 6** Causes hormone disruption & cancers
- 7** Pollutes our oceans
- 8** Kills marine animals and birds
- 9** Enters our food chain

ISSUED BY: ENVIRONMENT COUNCIL, DPS, MRD

HOW TO LIVE WITH LESS PLASTIC ?

1. Carry reusable shopping bags.
2. Give up bottled water.
3. Carry reusable utensils and glass drinking straws.
4. Choose cosmetics and skin-care products in plastic-free containers.
5. Learn strategies for green gift giving. (Non-plastic packaging and without plastic tape.)
6. Store left-overs in Glass jars.
7. Share these tips with others.

ENVIRONMENT COUNCIL
DPS MATHURA ROAD

NO TO SINGLE-USE PLASTICS

PLASTIC STRAWS
PET BOTTLES (Less than 200ml)
BALLOONS
PLASTIC BAGS
PLASTIC UTENSILS
PLASTIC GLOVES
PLASTIC COTTON BUDS
TETRA PAK CARTONS
PLASTIC STIRRERS

LET'S BE AWARE

Single-use plastics, or disposable plastics, are used only once before they are thrown away or recycled.

It's obvious that we need to use less plastic and move towards environmentally sustainable products.

ISSUED IN PUBLIC INTEREST.
- ENVIRONMENT COUNCIL
DPS MATURA ROAD

THIS IS THE ONLY HOME WE HAVE

DELHI PUBLIC SCHOOL

LET US STOP USING SINGLE USE PLASTIC

ALTERNATIVES

REUSABLE BAGS
COMPOSTABLE UTENSILS
COMPOSTABLE PAPER, STEEL, & BAMBOO STRAWS
COMPOSTABLE CONTAINERS

ISSUED BY: ENVIRONMENT COUNCIL, DPS, MRD



AWARENESS SESSION IN JUNIOR SCHOOL

10 Volunteers from classes XI interacted with students of classes I - V to generate environment-consciousness and discuss the small steps and changes we can make in our daily lives like minimising the use of Single-Used Plastic and adopting the 5Rs(Refuse, Reduce, Reuse, Repurpose and Recycle) to protect our nature.

The young minds were aware of how plastic is harming our environment. Students also took part in the interactive sessions by putting up their opinions in front of all.



**"One straw." says everyone,
But change has to start with someone.
Better start before it's too late,
And before we seal our own fate.**

SINGLE-USE, A LOT TO LOSE !

ENVIRONMENT COUNCIL -DPS MATHURA ROAD

SINGLE- USE PLASTIC VERSUS

ECO-FRIENDLY ALTERNATIVE

IF YOU CAN'T REUSE IT, REFUSE IT !

SAY NO TO-

GO FOR-



PLASTIC STRAWS

STAINLESS STEEL STRAWS, BAMBOO STRAWS, PASTA STRAWS AND RICE STRAWS



PLASTIC COTTON BUDS

BAMBOO COTTON BUDS, ORGANIC COTTON MAKEUP PADS OR A REUSABLE SILICON SWAB



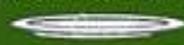
PLASTIC CUTLERY

REUSABLE BAMBOO UTENSILS, A TRAVEL CUTLERY



BALLOONS

PAPER LANTERNS, RECYCLED BUNTING, DIY BUBBLE BLOWERS AND FLOWERS.



PLASTIC PLATES

GLASS OR PORCELAIN PLATES



PLASTIC DRINK STIRRERS

REUSABLE GLASS OR BAMBOO STIRRERS, OR SPOONS

Environment Council Requests you to

SAY NO TO SINGLE-USED PLASTIC

A reality Check.....



AROUND THE WORLD, 1 MILLION PACKAGED DRINKING BOTTLES ARE PURCHASED EVERY MINUTE.



WE USE 5 TRILLION PLASTIC BAGS...PER YEAR! THAT'S 160,000 A SECOND! WE CAN DO BETTER THAN THAT.

NEARLY ONE-THIRD OF THE PLASTIC PACKAGING WE USE ENDS UP CLOGGING OUR CITY STREETS AND POLLUTING OUR NATURAL ENVIRONMENT.



HUMANS BUY ABOUT 1,000,000 PLASTIC BOTTLES PER MINUTE IN TOTAL. ONLY ABOUT 23% OF PLASTIC BOTTLES ARE RECYCLED WITHIN THE U.S.

AT LEAST 267 DIFFERENT SPECIES HAVE BEEN AFFECTED BY PLASTIC POLLUTION IN THE OCEAN.

SINGLE - USE, A LOT TO LOSE !!!

DPS MATHURA ROAD

SCHOOL DECLARED AS SINGLE-USE PLASTIC FREE ZONE



On 1st October'19, we celebrated the 150th birth anniversary of Mahatma Gandhi. Carrying forward his ideologies of cleanliness and sanitation, the school observed a Single-Use plastic collection drive.

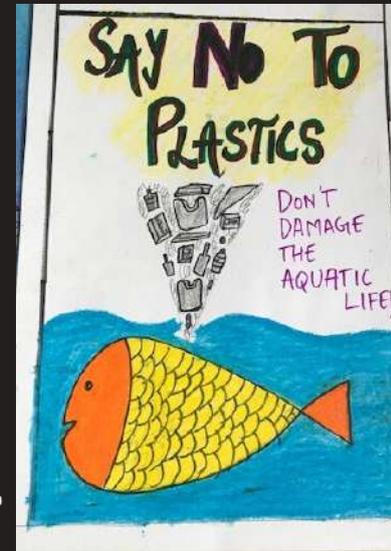
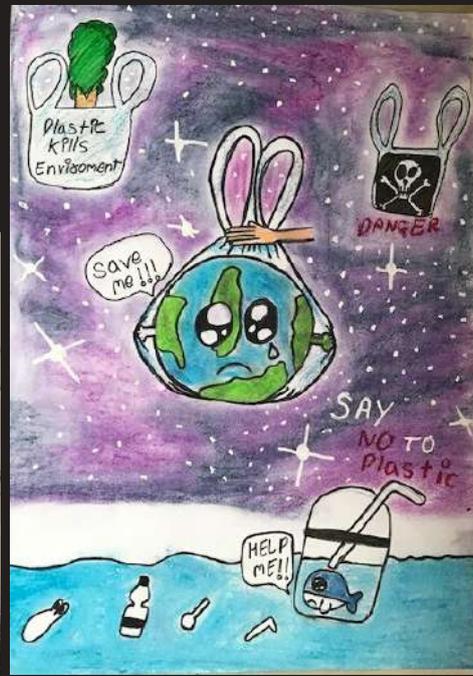
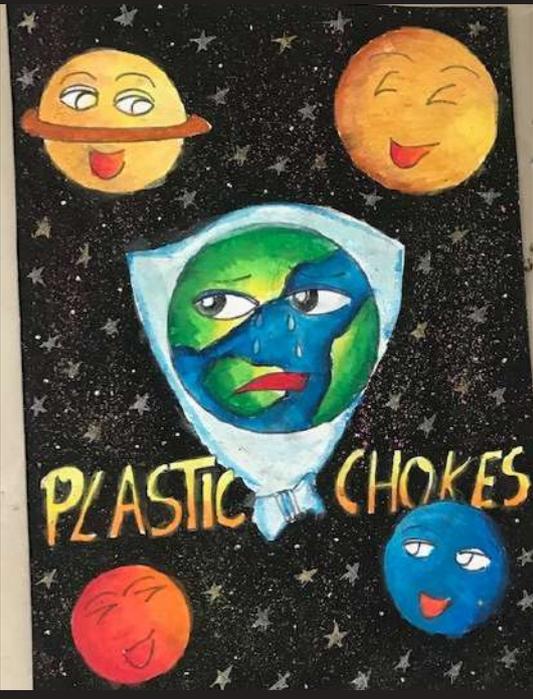
The school was also declared a Single-Use Plastic-free Zone.

The Chief guest was Sh. Aman Gupta, director, additional director and secretary to the South Delhi Municipal Corporation (SDMC) commissioner.

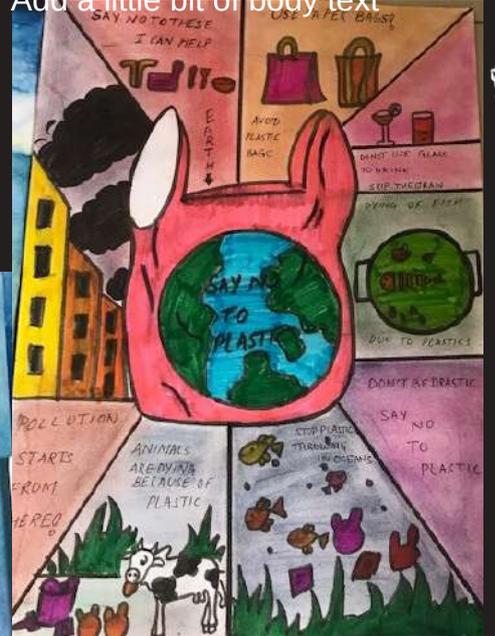
The Guest of Honour for the day was Mr. Rahul Kr Singh Assistant commandant with the central armed forces, 2011, CAPF batch, currently on deputation with SDMC. The august gathering then took a pledge to refuse Single use Plastic.



Posters By The Young Minds.



Add a little bit of body text



FIT-INDIA PLOGGING

-2nd October 2019

"Go in any direction.. seeking out new sights just on the strength of your feet and the courage of your lungs.."

A Fit India plogging run was organized on 2nd October 2019 by Delhi Public School Mathura road where the students enthusiastically participated.

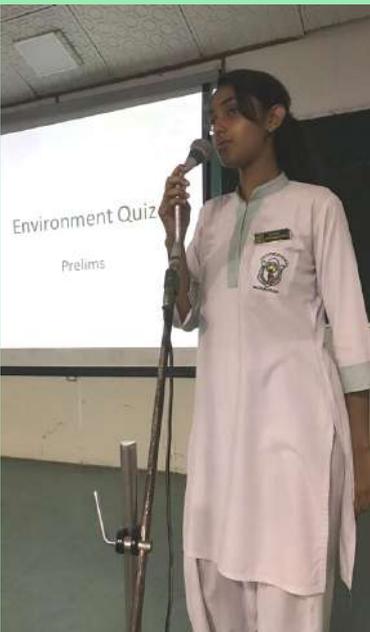
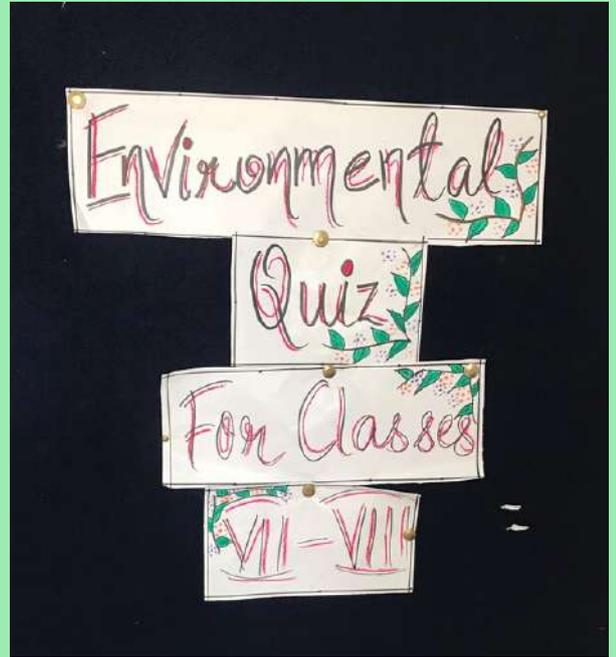
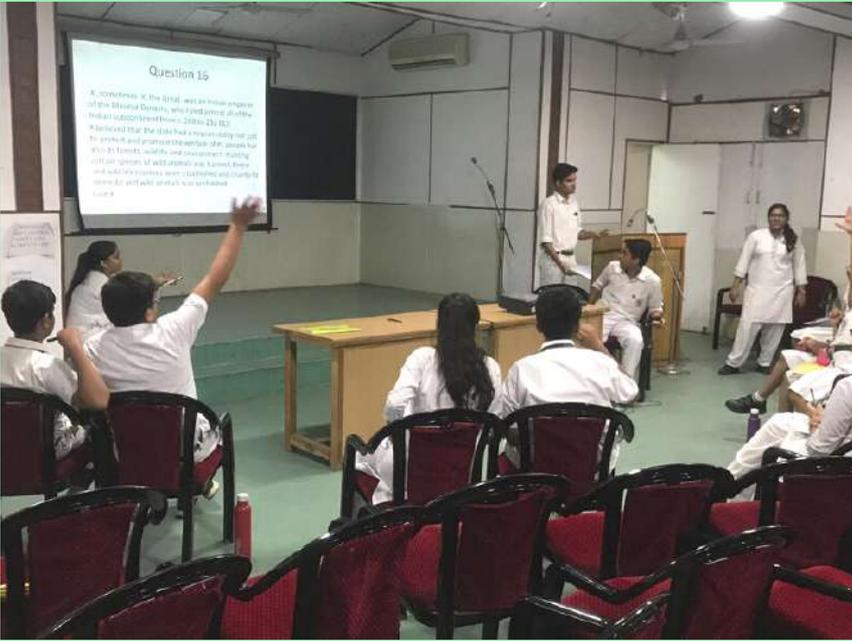
The principal lead the run where students and teachers jogged over a stretch of 2 kilometers collecting plastic waste from roadside .It was a learning experience for all and meaningful way of celebrating Gandhi Jayanti .

During the run,the runners collected garbage on their way and also participated in spreading awareness about inculcating a habit of enhancing fitness and keeping the environment cleaner.

-Paula Radcliffe

Plogging is a Swedish concept that emerged out of environmental concerns over plastic pollution where people jog on streets while picking up litter, hence promoting cleanliness.





SETTING UP HERBAL GARDEN IN SCHOOL

*Earth provides
enough to
satisfy every
man's needs,
but not every
man's greed.*

Environment council of DPS Mathura Road in association with DEEKSHA, an NGO that aims at providing Public Education and formulating National Policies on Environmental Education, conducted a workshop for class VI-VIII students to set up a herbal garden in our school on 16th April, 2019.

The resource people Ms. Tripat Parmar and Ms Nuvreet gave an enlightening talk on various herbal plants like Brahmi, Stevia, Tulsi, Peppermint, Giloy, Aloe-vera etc and their economic and medicinal importance. It was a fun-filled learning activity for the students where they got the opportunity to learn about interesting facts on various herbal plants and also adopted one plant each Making a herbal garden is an opportunity to grow plants for their use, while spreading knowledge of their importance and traditional uses, and saving plants that are threatened.



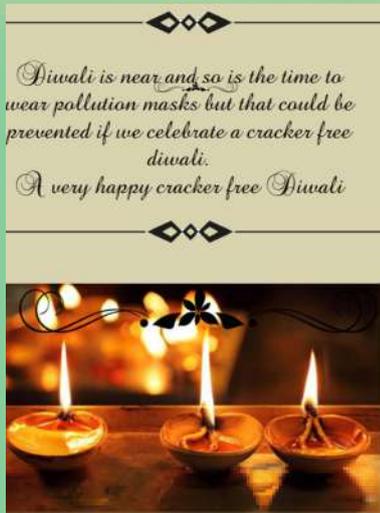
ANTI CRACKERS CAMPAIGN

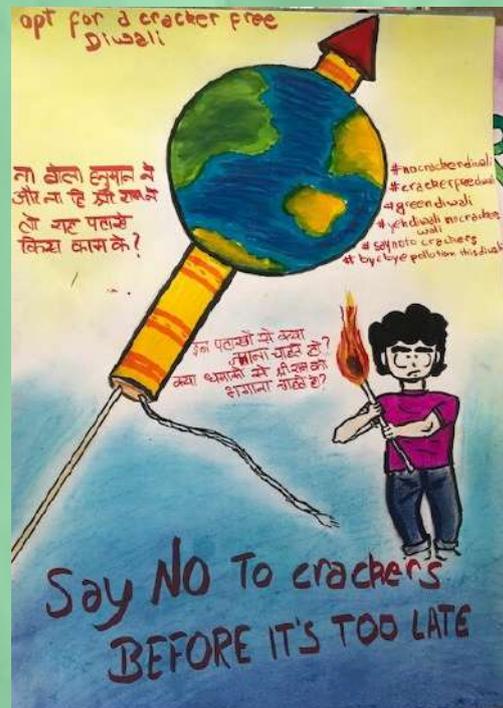
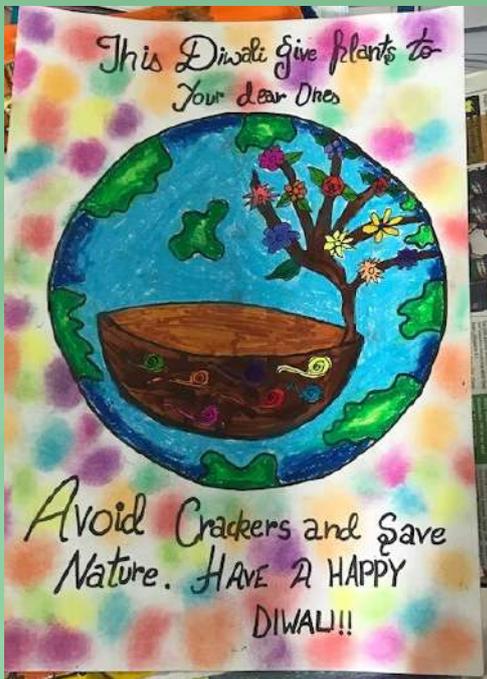
“Everything you’ve worked for can go to waste with only one wrong decision.”

- Auliq Ise.

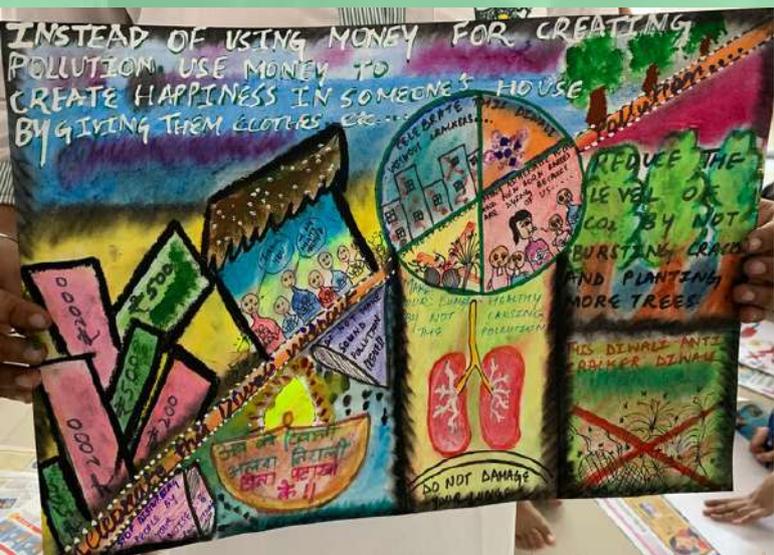
An Anti Crackers Campaign was organised by the B.E.S.T Club and Environment Council of DPS Mathura Road with the aim of creating awareness among the young minds about the tremendous air pollution caused due to bursting of crackers. With the noble mission of celebrating ‘Green Diwali’ students pledged to say ‘No’ to crackers and ‘Yes’ to pollution free environment. The campaign included sensitization in classes VI-XI through posters, PowerPoint Presentations, flyers, posters and Interactive sessions.

The harmful effects of crackers to health and environment were brought to the fore front by the children with a genuine request to all citizens to celebrate this Diwali without crackers.



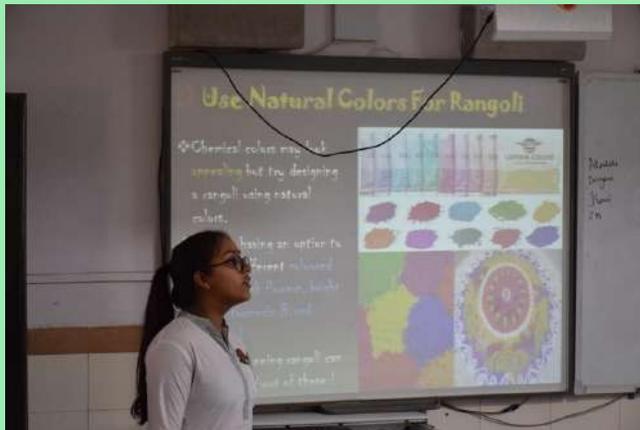


The campaign also included a Poster Making Competition encouraging the young minds to be a part of the solution by creating awareness. The students displayed their artistic skills through an array of posters on the given topics.



Do Your Share for Cleaner Air !





Nukkad Natak highlighting the ill effects of Crackers were also presented in front of the masses during the Break.



**With Determination and preservation ,
Lets secure our Environment for Future Generations.**



GREEN SCHOOL DRIVE

Cleaning up the country cannot be the sole responsibility of sweepers. Do citizens have no role in this? We have to change this mindset.
-Narendra Modi.

1. SEGREGATION OF WASTE

- Students of Class VI -VIII and XI participated in an initiative to segregate the waste generated in the School campus into Bio degradable and Non-Biodegradable wastes. Students were first made aware of the importance of waste segregation for creating a pollution free environment.

And later segregated it into separate categories with the installation of separate bins (BLUE and GREEN) for the two types of wastes in the class-rooms.



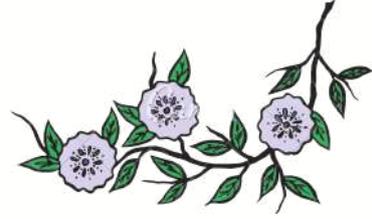
Awareness session on Waste Segregation in Class rooms.



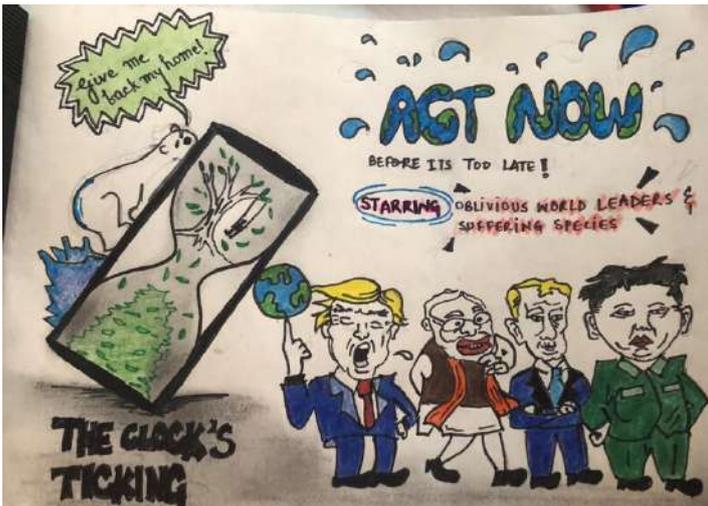
**Plant a tree, Plant yet more,
Let greenery and cleanliness galore.**

CREATIVITY IS CONTAGIOUS, LET'S PASS IT ON.

~ALBERT EINSTEIN



BAN THE BAG , BAN THE STRAW
DON'T CLAMP THE EARTH IN PLASTIC'S JAW.



-WEAN YOURSELF OFF DISPOSABLE PLASTIC
BEFORE YOU PUT THE EARTH IN A CASKET.



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A RAY OF HOPE

- The population of flightless Kakapos is rising.
- There is a robot that delivers young coral to help repopulate the Great Barrier Reef.
- An increasing amount of institutions are beginning to ban single use plastic.
- The hole in the ozone layer is repairing itself more each year.
- A National park has been build in the Amazon to preserve the forest.
- The guy who played Aquaman (Jason Momoa) has spent 31,000 dollars to help clean up plastic.
- There is a clean up campaign being planned for Mount Everest.
- 9 endangered species are thought to make a comeback this year.
- India went on its largest sanitation spree of all times and built an estimate of 80 million toilets since 2014.
- India increased its already massive 2022 clean energy target by 28%.
- In 2015, India made it compulsory to use plastic waste in road construction, and now there are 100,000 kilometers of plastic roads in the country.

HUMBLE REQUEST

It is our collective and individual responsibility ... to preserve and tend to the world in which we all live. We cannot protect the environment unless we empower people, we inform them, and we help them understand that these resources are their own, that they must protect them.

- ENVIRONMENT
COUNCIL

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Picture Courtesy- Shresth Mehra

"It's only one straw", said 8 Billion people.

Globally, it is estimated that over 100 million Marine Animals are killed each year by Plastic Waste. It is high time now that we realise our duty towards our Environment. This is a Human Formation of a Fish including all the Single-use Plastic collected till now by the Environment Council. A small step taken by the Environment council to create awareness for a good cause. Let's now Stop choking the Earth. Procrastination Won't Help the Next Generation

