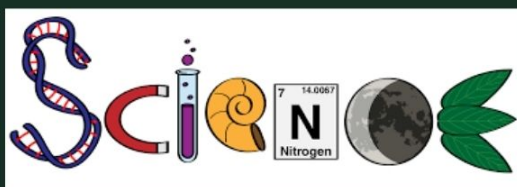


MAHAVIR SENIOR MODEL SCHOOL



SciENspire



**SCIENCE
E-NEWSLETTER
SESSION 2023-2024**



From The Principal's Desk

"Science is a way of thinking much more than it is a body of knowledge."

It is with great pleasure and pride that I present the annual newsletter of our Science Department, "SciENspire". This publication serves as a reminder to the incredible journey our Science Department has undertaken throughout the year, showcasing the dedication, passion, and innovation that define our educators and students alike.

Within the pages of our newsletter, you will find a collection of events, competitions, and activities that have not only enriched the academic experience but also fostered a deep love and understanding of science among our students. **From hands-on experiments to insightful discussions, the newsletter encapsulates the diverse and dynamic nature of our department's initiatives.**

Moreover, "SciENspire" celebrates the accolades and achievements of our students and faculty, highlighting the remarkable milestones reached and the recognition earned.

I extend my heartfelt gratitude to the entire Science Department, under the supervision and guidance of Mrs. Charanjiv Chopra, for their tireless efforts and unwavering dedication. **It is through your passion and commitment that we continue to inspire and empower our students to reach greater heights.**

I hope that "SciENspire" serves as a source of inspiration and pride for all who read it, reaffirming our collective commitment to nurturing the scientists and innovators of tomorrow.

Ruchika Sukhija
Principal





MESSAGE FROM THE TEAM LEADER

“Science and everyday life cannot and should not be separated.”—Rosalind Franklin.

It brings me great pleasure to share with you the vibrant activities and initiatives undertaken by our students in the realm of science. As we navigate through the academic year, MSMS Science Department continues to thrive, fostering innovation, curiosity and environment stewardship among the students.

This year our students enthusiastically embraced the celebration of “International Year of Millets.” MSMS students got engaged in plethora of activities - MILLETOPIA showcasing the importance of incorporating millets in our daily lives for a healthier future.

Receiving the GOLD MEDAL Green School Campus award stands as a testament to the department’s commitment to eco-friendly practices across various domains. Our Eco Club remains steadfast in its commitment to environmental conservation and awareness.

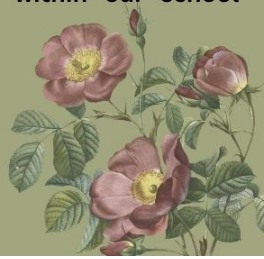
Inauguration of Augmented Chemistry Lab was a significant milestone. This lab provides our students with cutting edge technology and resources to foster a deeper understanding of the subject and igniting scientific curiosity.

Science Department is elated to present to you our E-Newsletter SciENspire showcasing the enthusiastic voyage of our young Mahavirians. This Newsletter has been shaped by the faculty members of Science Department under the able guidance of our approachable and visionary Principal Mrs. Ruchika Sukhija whose leadership always inspires us to aim high.

On behalf of Science Department, I extend heartfelt gratitude to our esteemed Management team for their unwavering support and encouragement.

As we look ahead in the next new session, Science Department continues to nurture the spirit of scientific inquiry and discovery within our school fraternity.

Best Wishes
Charanjiv Chopra
HOD Science Department.



MSMS A GREEN SCHOOL



GREEN SCHOOL GOLD TROPHY

MSMS has achieved the status of a GREEN SCHOOL and has been awarded Gold Medal Green School Campus award by climate reality project foundation.



MSMS

Mahavir Senior Model School

The Green School

The proud recipient of Gold Medal by Green School Campus Programme India & South Asia 2022-2023

GOLD MEDAL WINNER





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 Mahavir Senior Model School
 msmsdelhi
 MSMS Delhi
msmsdelhi83@gmail.com
 MSMS Delhi

MSMS ECO-CLUB

Eco Club in MSMS was established to promote environmental awareness and sustainability. Students are involved in various activities such as tree plantation, waste reduction and conservation projects.



REUSE



REDUCE

RECYCLE



WASTE PAPER COLLECTION DRIVE BY BLUE PLANET ENVIRONMENTAL SOLUTIONS

Blue Nudge Ambassadors training and teachers training was conducted.

Our school was a part of breaking Guinness Book of World Record for collection of wastepaper



AIR QUALITY LEARNING PROGRAMME

Community Science programme on Air Quality By Earthwatch Institute India



Launched E learning resources and learning
Modules on Air Quality



MSMS received Trophy for Outstanding Contribution in URJA ARPAN Initiative



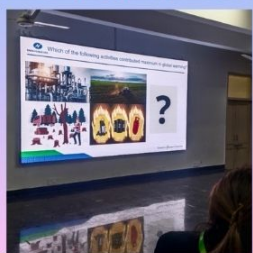
URJA ARPAN- Awareness Campaign

Sustainability is no longer about doing less harm. It's about doing more good.

**Attended
by
Classes
VII - VIII**



**Urja Arpan is an initiative
Launched
by
Tata Power-Delhi Distribution
Ltd. to promote responsible
and
Optimal Electricity
consumption.**



SAY NO TO PLASTIC

Say No To Plastic campaign was organised where students participated in various activities like Role Play, Pledge, Nukkad Natak etc.



IS IN OUR HANDS

Anti-Cracker Campaign



Awareness campaign was organized where students of classes 6 and 7 took Pledge with their family and teachers for celebrating ECO-FRIENDLY DIWALI and shun the usage of fire-crackers.

NOISE POLLUTION ACTIVITIES

Activities like Role Play and Poster making were carried out to create awareness about ways to reduce Noise Pollution





INAUGURATION OF AUGMENTED CHEMISTRY LABORATORY OF MSMS





Welcome Address by Principal Ma'am

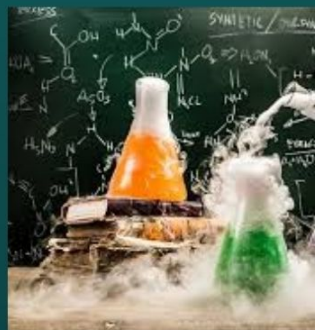
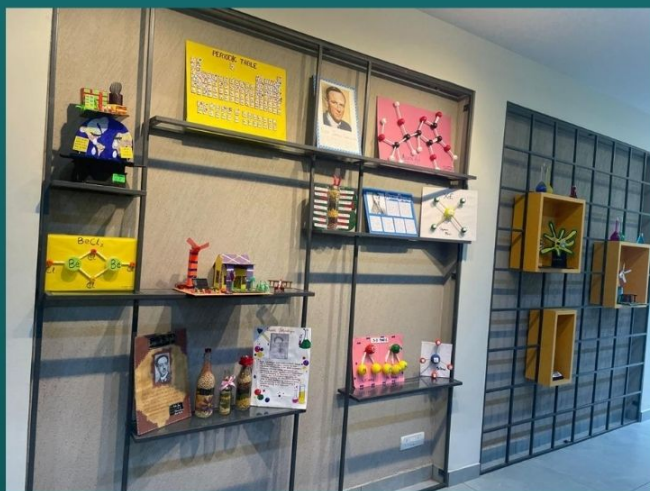


Address by Chief Guest Sir



Prin

Efforts of MSMS in providing modern facilities for student's Holistic Development





CBSE SCIENCE EXHIBITION

Theme- Science
and Technology
for the Society

The project aimed at converting plastic waste into electricity and controlling environmental pollution



Saiansh Kapoor and
Shagun Gupta of
Class- VIII prepared a
science exhibit on the
Sub-theme: LIFE
(Lifestyle for
Environment) in the
Junior category.



SPECIAL ASSEMBLIES



ARTIFICIAL INTELLIGENCE

ORGAN DONATION DAY

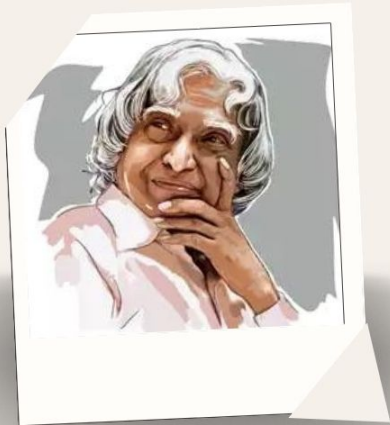


Assembly on Organ Donation

XC



WORLD HOMEOPATHY DAY



STUDENT'S DAY Celebration Birth Anniversary of Dr. APJ ABDUL KALAM

To succeed in life and achieve results, you must understand and master three mighty forces— desire, belief and expectation - Dr. APJ Abdul Kalam

In order to celebrate the Birth Anniversary of Dr. APJ Abdul Kalam , Science Department of MSMS organised an array of activities for the students of classes III - VIII.

- *Short Documentary
- *Presented “Motivational Quotes”
- *Role Plays
- *Anecdotes
- *Poster Making
- *Caricatures



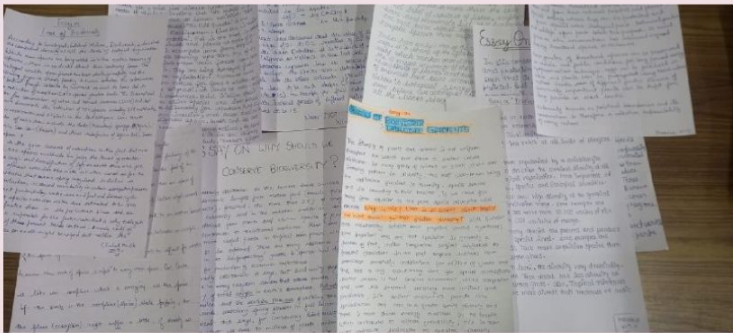
WORLD ENVIRONMENT DAY

Every year on 5th June, this day reminds us of our duty towards conservation of environment. On this occasion students made Posters and Slogans on the importance of Environment.



Biodiversity Day

Students wrote Essays on Biodiversity and Speeches were delivered on the importance of biodiversity.



WORLD EARTH DAY

Activities
Poems
Slogans
Posters
Speeches



Lets Pledge



Lets do our bit



SCIENCE EXCURSIONS

KAMLA NEHRU RIDGE BUTTERFLY CONSERVATORY



EDUODYSSEY

CHANDRAYAAN-3

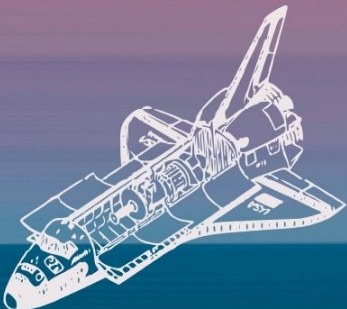
THE SKY IS NO LONGER LIMIT
FOR OUR PRIDE



APNA CHANDRAYAAN



Union Minister for Education and Skill Development and Entrepreneurship Shri Dharmendra Pradhan and ISRO chief Sh. S. Somanath launched a web portal ' Apna Chandrayaan ' having activity-based support material .



VISIT TO RASHTRIYA SWACHHTA MUSEUM



CHILDREN'S SOCIAL CONCLAVE

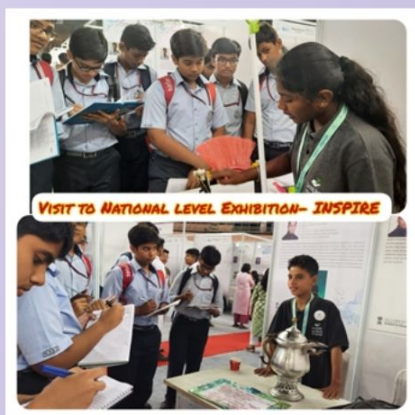
Class IX B Students - Raghav Gupta, Avya Chauhan, Uday Sood, Lakshmi and Ridhima Gupta Participated



Gandhi Darshan Welcomes you
Children's Social Conclave



THE 10TH NATIONAL LEVEL EXHIBITION CUM PROJECT COMPETITION



Students of Class 8 A,B and C visited the 10th National Level Exhibition and Project Competition (NLEPC) under INSPIRE – MANAK organised by Department of Science and Technology (DST), Govt. of India and NIF-India at Main Gymnastics Arena.

PHYSICS WORKSHOP

TOPIC: MESMERIZING MECHANICS



Students of Class XI - C attended Physics workshop on mechanics organised by Birla Vidya Niketan in collaboration with Anveshika.





MSMS
MILLETTOPIA
Celebrating
International
year of Millets
2023



TALKSHOW

MILLET AS A CROP



BY

**Dr. Ojit Kumar Singh Professor
Ramjas College, Delhi University**

**Attended
by
Classes
VIII and IX**





A MIRACLE SUPERFOOD

Millets- A sustainable, nutritious, healthy and delicious food choice.

Bookmark Making Activity- Class III

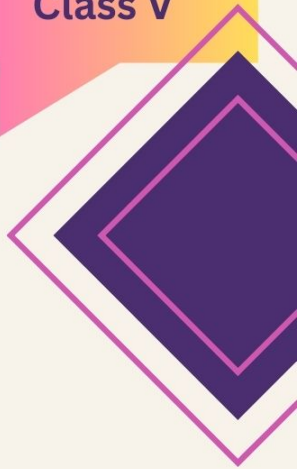
Slogan Writing Activity- Class IV





MEETING MIRACULOUS MILLETS

ROLE PLAY COMPETITION Class V





MILLET MASTI

'Millets: Nourishing our bodies,
nurturing our planet.'

Class-VI

Poem
Recitation
Competition





TASTY MILLETS

MILLETS COOKING CONTEST CLASS - VIII

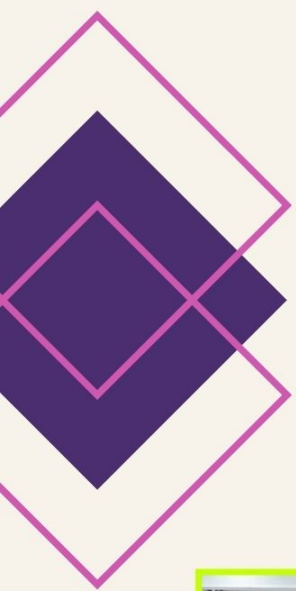




MILLETS TO MITIGATE HUNGER



POWER POINT
PRESENTATION
CLASS - IX



MILLETS



**RANGOLI
COMPETITION -
MANBHAVAN MILLETS**
was organized for
students of Class X



GET MILLET-ARY STRONG



Poster Making competition Class- XII





MSMS
Science Department
celebrates
Milletopia



Date : 17th July 2023
Venue : Conference Hall
Time : 6th & 7th period





ICQ

INTERNATIONAL
CHEMISTRY QUIZ



NSO

SOF NATIONAL SCIENCE
OLYMPIAD



EXPERIENTIAL LEARNING

LEARN
AS YOU
GROW



ART INTEGRATION



*Class XI sang the songs
with the help of Guitar, Synthesizer etc.*

TOPICS

*Human Bones Song, Heart and Circulation Song,
parts of a Cell Song.*

ACHIEVERS

FIRST PRIZE

(COMIC STRIP

ON CELL BIOLOGY)



EVENT - 13
VIVANTE '23
TIRA CÓMICA



 <p>Pratham Handa Medhansh Malhotra Indraprastha World School</p>	 <p>Ishita Gupta Gauri Jain Mahavir Sr Model School GT Karnal Road</p>	 <p>Navya Goyal Nandini Arya Adarsh Public school, Vikaspuri</p>
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**VIVANTE INTERSCHOOL
COMPETITION**

**MAKING OF
COMIC STRIP
ON CELL BIOLOGY**

Congratulation

FIRST PRIZE

GAURI JAIN
XIC

ISHITA GUPTA
XIC



ACHIEVERS

WINNERS

FIRST PRIZE

POWER POINT PRESENTATION

TOPIC - THE CELESTIAL BODIES

MAHAVIR SENIOR MODEL SCHOOL

CONGRATULATIONS

FOR WINNING FIRST PRIZE



VIKAS RAJPUROHIT

X-C



1st PRIZE



AKSHRA JAIN

X-A



IN INTERSCHOOL COMPETITION OJASVI

POWER POINT PRESENTATION
TOPIC- THE CELESTIAL BODIES
QUEEN MARY'S SCHOOL, TIS HAZARI



ACHIEVERS

WINNERS

FIRST PRIZE SCIENCE SYMPOSIUM



ROLE OF AI
IN SCIENCE FOR SUSTAINABLE
DEVELOPMENT

ACHIEVERS



26TH
HEPATITIS
DAY

SECOND PRIZE POSTER MAKING COMPETITION



ACHIEVERS JEE MAINS 2023



**MSMS congratulates
JEE MAINS Achievers**

	
Prabhat Sati 99.58	Samyak Jain 99.53
	
Archit Taneja 95.98	Tushar Chauhan 94.53



ACHIEVERS

WINNERS

JEE MAINS

MAHAVIR
SENIOR MODEL SCHOOL



CONGRATULATIONS

High Achievers



Parth Gupta

99.52



Pranjal Bansal

98.06



Mayank

96.5

JEE Mains 2024

Proud of You

MAHAVIR
SENIOR MODEL SCHOOL

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**“Unity is strength....when there is
teamwork and collaboration
wonderful things can be
achieved”**

Mattie Stepanck



msmsdelhi83@gmail.com



<https://www.instagram.com/msmsdelhi/>



<https://www.facebook.com/mahavirseniormodelschool>



<https://www.youtube.com/@msmsdelhi917>



MSMS Delhi

**Sincere Gratitude
MSMS SCIENCE DEPARTMENT**