

St. Mark's Sr. Sec. Public School, Meera Bagh

QUEST 2021 -

Virtual Annual Inter School

Science and Maths Festival

23 August 2021 - 25 August 2021



Breaking the walls of confinement, students across Delhi engaged in various virtual scientific and mathematical deliberations. We ensured that the students across different age groups participated in activities and competitions aimed at building their scientific aptitude and reasoning skills.

We thank all the participating schools for making QUEST 2021 a great success !

Principal

23.08.2021

CLASS VI
VAASTUKALA
MEIN GANIT

CLASS VI
PRAYOGSHALA

DAY 1

CLASS VII
 π RATES

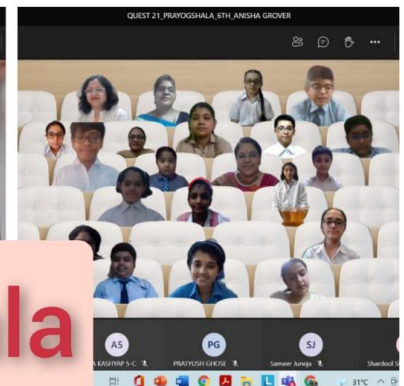
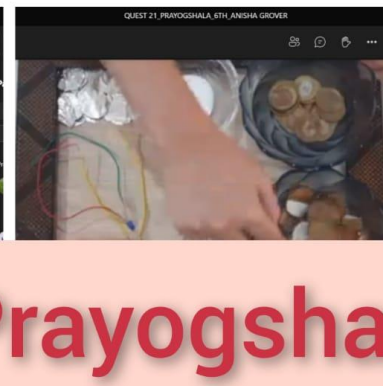
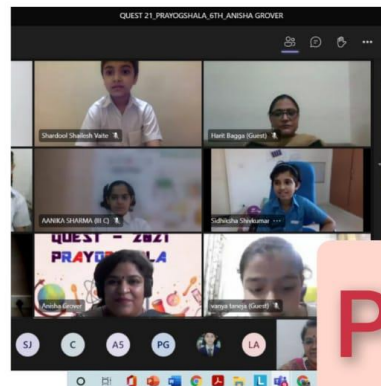
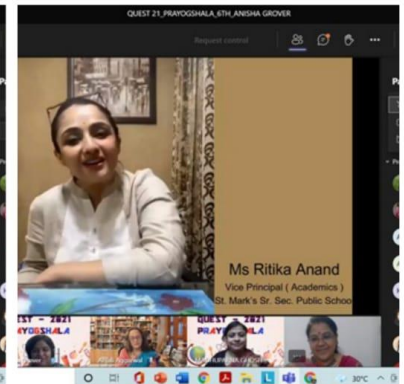
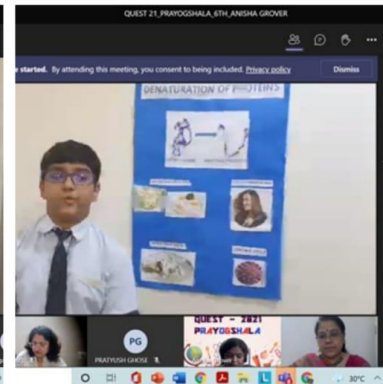
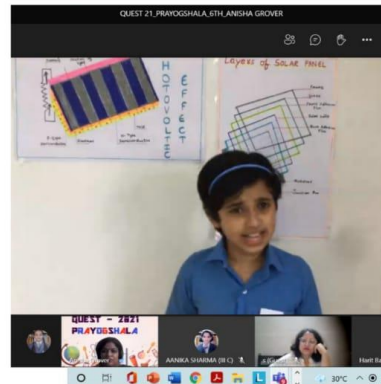
CLASS VII
KABAAD
SE
JUGAAD

CLASS VIII
YANTRA
MANTRA

Prayogshala

List of participating schools :

- ✓ Cambridge Foundation School
- ✓ Convent of Jesus and Mary School
- ✓ CRPF Public School, Rohini
- ✓ Indraprastha International School
- ✓ Indraprastha World School
- ✓ Lancer's Convent Sr. Sec. School
- ✓ Manav Sthali School
- ✓ Mira Model School
- ✓ Modern School, Barakhamba Road
- ✓ Mount Carmel School
- ✓ Mount St. Mary's School
- ✓ Nirmal Bhartia School
- ✓ Queen's Valley School
- ✓ Ramjas School, Pusa Road
- ✓ St. Columba's School
- ✓ St. Gregorios School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School
- ✓ The Indian Heights School
- ✓ DAV Public School, Rohini



Prayogshala

Prayogshala - Class VI



Sukrit Singh Phukela
Mount St. Mary's School



Aanika Sharma
St. Mark's Sr. Sec. Public School, Meera Bagh



Shardool S. Vaite
The Indian Heights School



Jasmine Kaur
Nirmal Bhartia School



Akshita Kamal
Queen's Valley School



Pratyush Ghose
Indraprastha International School

Kabaad Se Jugaad

List of participating schools :

- ✓ Bharat National Public School
- ✓ Cambridge Foundation School
- ✓ Convent of Jesus and Mary School
- ✓ CRPF Public School, Rohini
- ✓ Indraprastha International School
- ✓ Indraprastha World School
- ✓ K. R. Mangalam World School
- ✓ Lancer's Convent Sr. Sec. School
- ✓ Manav Sthali School
- ✓ Modern School, Barakhamba Road
- ✓ Mount Carmel School
- ✓ Mount St. Mary's School
- ✓ Nirmal Bhartia School
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- ✓ Springdales School
- ✓ St. Gregorios School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Indian Heights School
- ✓ DAV Public School, Rohini



Kabaad se Jugaad

Kabaad Se Jugaad - Class VII



Ahaana Arora
Springdales School



Rupashi Nagi
St. Mark's Sr. Sec. Public School, Meera Bagh



Anika Dewan
St. Mark's Sr. Sec. Public School, Janakpuri



Aahuti
Queen's Valley School



Aarna Sethi
St. Mark's Girls Sr. Sec. School, Meera Bagh

Yantra Mantra

List of participating schools :

- ✓ *Army Public School*
- ✓ *Cambridge Foundation School*
- ✓ *Convent of Jesus and Mary School*
- ✓ *CRPF Public School, Rohini*
- ✓ *Indraprastha International School*
- ✓ *Indraprastha World School*
- ✓ *K. R. Mangalam World School*
- ✓ *Lancer's Convent Sr. Sec. School*
- ✓ *Modern School, Barakhamba Road*
- ✓ *Mount Carmel School*
- ✓ *Mount St. Mary's School*
- ✓ *Nirmal Bhartia School*
- ✓ *Queen's Valley School*
- ✓ *Ramjas School, Pusa Road*
- ✓ *Springdales School*
- ✓ *St. Columba's School*
- ✓ *St. Gregorios School*
- ✓ *St. Mark's Girls Sr. Sec. School, Meera Bagh*
- ✓ *St. Mark's Sr. Sec. Public School, Janakpuri*
- ✓ *St. Mark's Sr. Sec. Public School, Meera Bagh*
- ✓ *The Air Force School*
- ✓ *The Indian Heights School*
- ✓ *DAV Public School, Rohini*



Yantra Mantra - Class VIII



Aarvi Mehta

K. R. Mangalam World School



Pearl Kataria

St. Mark's Sr. Sec. Public School, Meera Bagh



Tanu Dhamija

St. Mark's Girls Sr. Sec. School, Meera Bagh



Joyce Sarah

The Air Force School



Naisha Sethi

Indraprastha International School



Guneet Kaur Ahuja

Indraprastha World School



Ishita Kaushik

Queen's Valley School

π Rates

List of participating schools:

- ✓ Air Force Bal Bharati School
- ✓ Army Public School
- ✓ Bharat National Public School
- ✓ Cambridge Foundation School
- ✓ Convent of Jesus and Mary School
- ✓ Delhi Public School, Mathura Road
- ✓ Indraprastha International School
- ✓ Indraprastha World School
- ✓ Lancer's Convent Sr. Sec. School
- ✓ Manav Sthali School
- ✓ Mira Model School
- ✓ Modern School, Barakhamba Road
- ✓ Mount Abu Public School
- ✓ Mount Carmel School
- ✓ Mount St. Mary's School
- ✓ New Era Public School, Mayapuri
- ✓ Nirmal Bhartia School
- ✓ Queen's Valley School
- ✓ Springdales School
- ✓ St. Columba's School
- ✓ St. Gregorios School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School
- ✓ The Indian Heights School
- ✓ The Srijan School
- ✓ DAV Public School, Rohini

QUESTION 4
s bank account increa
bank account was \$6
worth:

QUESTION 1
3/7 of 4/9 of 7/12 of which
number = 98 ?
A. 881
B. 882
C. 883
D. 884

ANSWER
12
Sol.
Add the digits of each th
figure number to obtain
two digit numbers

RULES
Each student shall get 30 seconds
to answer the question.
20 points to be awarded for each
correct answer.
Please note: Question cannot be
passed.

QUESTION 1)
nting towards a girl playing
ket, Rohit says, "Her mother
the only daughter of my
mother-in law."
Who is Rohit to the girl?

Clue 2:
He made contributions towards
various topics such as magic
squares, recurring decimals, integers
with special properties and much
more.

Answer
D. R. Kaprekar
D R Kaprekar was born on 17
in Maharashtra and died at th
was a self-taught mathematici
worked in number theory. He
some interesting numbers;
known as Kaprekar Numb
297 is a Kaprekar num
Square of 297 is 88201
Divide it into two parti
209
Total them, 88 + 209 to
back.

QUESTION 1
What number
should replace the
question
mark?
a. 0
b. 1
c. 2
d. 3

Answer
Step.1
Rohit's mother-in-law = Rohit's wife's mother
Step.2
The only daughter of Rohit's mother-in-law
= Rohit's wife's mother's only daughter
= Rohit's wife
Step.3
The daughter of only daughter of Rohit's
mother-in-law
= Rohit's wife's daughter
= Rohit's daughter

π - rates

π Rates - Class VII



Samridh Singh

Indraprastha International School



Ayaan Ahuja

Indraprastha World School

Vaastukala Mein Ganit

List of participating schools :

- ✓ Air Force Bal Bharati School
- ✓ Cambridge Foundation School
- ✓ Convent of Jesus and Mary School
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- ✓ Indraprastha World School
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- ✓ St. Columba's School
- ✓ St. Gregorios School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School
- ✓ The Indian Heights School
- ✓ DAV Public School, Rohini



Vaastukala Mein Ganit - Class VI



Angel Arora

St. Mark's Sr. Sec. Public School, Meera Bagh



Srishti Sethi

St. Mark's Sr. Sec. Public School, Janakpuri



Kaustubh Pathak

The Air Force School



Saisha Ahuja

St. Mark's Girls Sr. Sec. School, Meera Bagh



Jasraj Singh

Indraprastha World School



Tushita Karoli

Mount Carmel School

24.08.2021

**CLASS X
MAGNIFYING
MATHS**

**CLASS VIII
BUILDING
BLOCKS**

DAY 2

**CLASS X
INSIGHT**

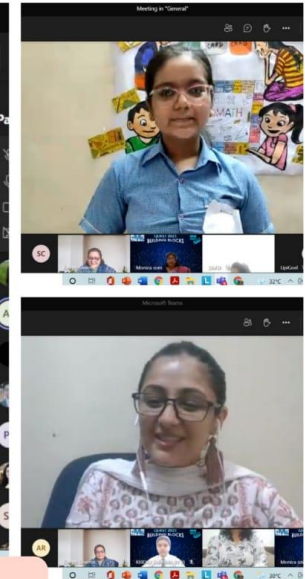
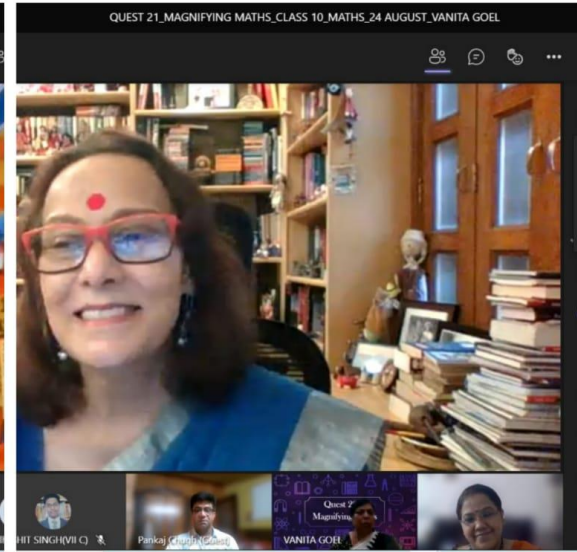
**CLASS IX
VIGYANSHALA**

**CLASS IX
GANIT KI
BHASHA**

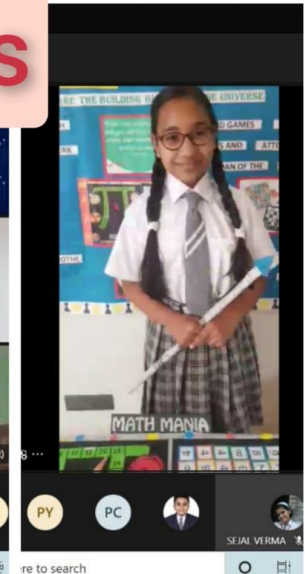
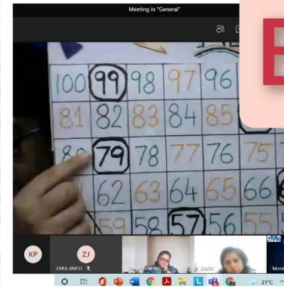
Building Blocks

List of participating schools:

- ✓ Air Force Bal Bharati School
- ✓ Cambridge Foundation School
- ✓ Convent of Jesus and Mary School
- ✓ CRPF Public School, Rohini
- ✓ Happy English School
- ✓ Indraprastha International School
- ✓ Indraprastha World School
- ✓ Lancer's Convent Sr. Sec. School
- ✓ Manav Sthali School
- ✓ Mira Model School
- ✓ Modern School, Barakhamba Road
- ✓ Mount Abu Public School
- ✓ Mount Carmel School
- ✓ Mount St. Mary's School
- ✓ New Era Public School, Mayapuri
- ✓ Nirmal Bhartia School
- ✓ Queen's Valley School
- ✓ Springdales School
- ✓ St. Columba's School
- ✓ St. Gregorios School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School
- ✓ The Indian Heights School



Building Blocks



Building Blocks - Class VIII



Anshi Jindal

St. Mark's Sr. Sec. Public School, Meera Bagh



Shreya Sharma

Indraprastha World School



Arnav Shroff

Happy English School



Sunshreay Cambow

New Era Public School, Mayapuri



Nitima

St. Gregorios School



Yashvi

Indraprastha International School



Ayush Utsav

St. Mark's Sr. Sec. Public School, Janakpuri

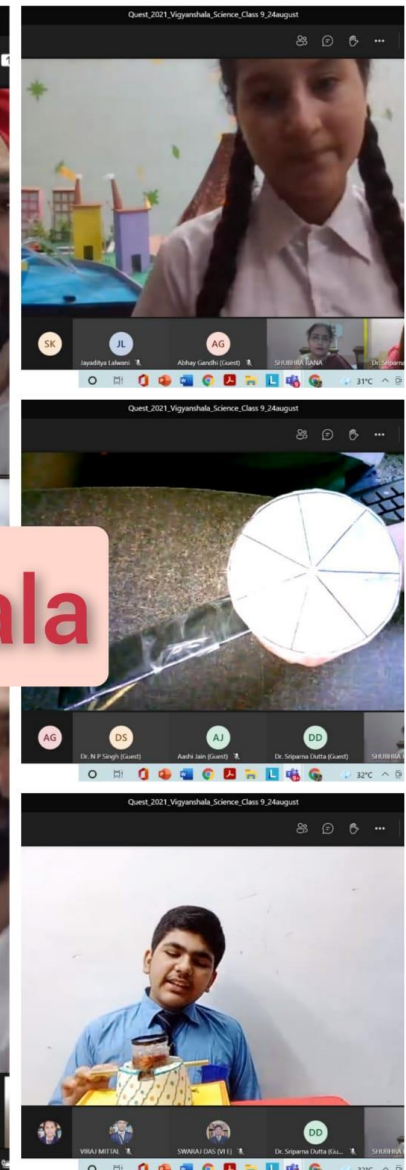
Vigyanshala

List of participating schools :

- ✓ Army Public School
- ✓ Cambridge Foundation School
- ✓ Convent of Jesus and Mary School
- ✓ Indraprastha International School
- ✓ Indraprastha World School
- ✓ K, R, Mangalam World School
- ✓ Lancer's Convent Sr. Sec. School
- ✓ Manav Sthali School
- ✓ Modern School, Barakhamba Road
- ✓ Mount Abu Public School
- ✓ Mount Carmel School
- ✓ Mount St. Mary's School
- ✓ Nirmal Bhartia School
- ✓ Ramjas School, Pusa Road
- ✓ Springdales School
- ✓ St. Gregorios School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School



Vigyanshala



Vigyanshala - Class IX



Swaraj Das

St. Mark's Sr. Sec. Public School, Meera Bagh



Kanak Bahl

St. Mark's Girls Sr. Sec. School, Meera Bagh



Parth Saarthi Chhikara

The Air Force School



Abhay Gandhi

St. Gregorios School, Dwarka



Chaitanya Anand

K. R. Mangalam World School, Vikapuri



Navya Dhall

Cambridge Foundation School

Ganit Ki Bhasha

List of participating schools :

- ✓ Army Public School
- ✓ Cambridge Foundation School
- ✓ Convent of Jesus and Mary School
- ✓ Indraprastha International School
- ✓ Indraprastha World School
- ✓ K. R. Mangalam World School
- ✓ Lancer's Convent Sr. Sec. School
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- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School



Ganit ki bhasha



Ganit Ki Bhasha - Class IX



Parv Choudhary & Ritika Gupta
St. Mark's Sr. Sec. Public School, Meera Bagh



Akshara Murali & Pari Kataria
St. Mark's Sr. Sec. Public School, Janakpuri



Aarushi Mohindru & Tejasva Shukla
The Air Force School



Priyanka Sahni & Rishit Malik
K. R. Mangalam World School, Vikaspuri



Avishi Gupta & Ria Devika Bhasin
Modern School, Barakhamba Road



Aena Verma & Raajull Bhatnagar
Queen's Valley School

List of participating schools:

- [illegible]

Insight - Class X



Mahir Puri

Lancer's Convent Sr. Sec. School



Hemang Choubey

Indraprastha International School



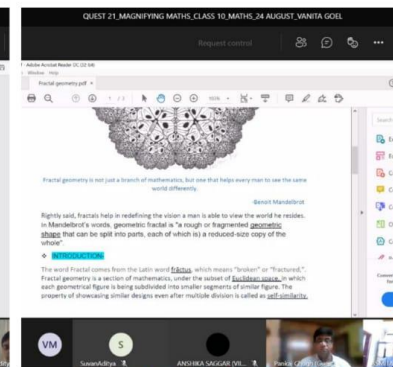
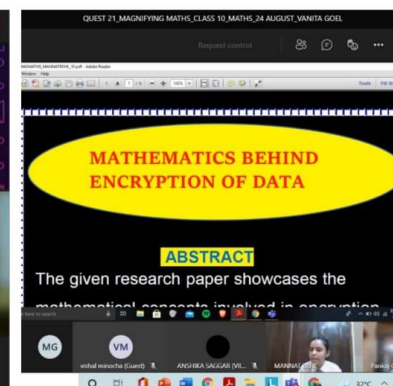
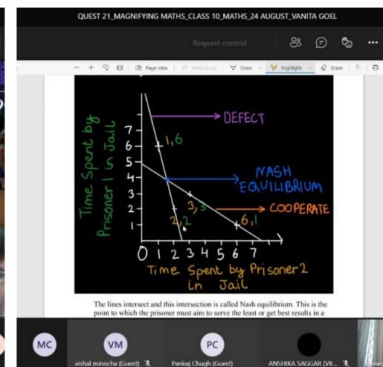
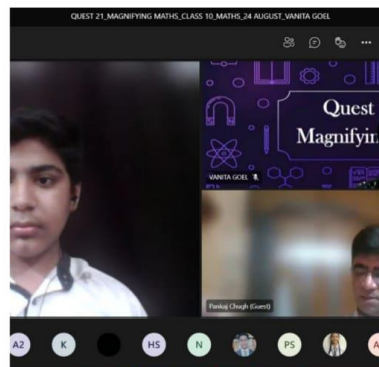
Navya Sharma

St. Mark's Sr. Sec. Public School, Meera Bagh

Magnifying Maths

List of participating schools :

- ✓ Army Public School
- ✓ Cambridge Foundation School
- ✓ Indraprastha World School
- ✓ K, R, Mangalam World School
- ✓ Lancer's Convent Sr. Sec. School
- ✓ Manav Sthali School
- ✓ Mira Model School
- ✓ Modern School, Barakhamba Road
- ✓ Mount Abu Public School
- ✓ Nirmal Bhartia School
- ✓ Queen's Valley School
- ✓ Springdales School
- ✓ St. Gregorios School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School
- ✓ The Indian Heights School



**Magnifying Maths-
Conference of Young
Mathematicians**

Magnifying Maths - Class X



Mannat Behl

St. Mark's Girls Sr. Sec. School, Meera Bagh



Sanchita Sharma

St. Mark's Sr. Sec. Public School, Meera Bagh



Aryan Ghai

Manav Sthali School



Asmita Banerjee

Queen's Valley School



Krishiv Kapur

Springdales School



Anjisht Gandhi

K. R. Mangalam World School



Pranav Shukla

The Air Force School

25.08.2021

**CLASS XII
MASTERMINDS**

**CLASS XI
ANVESHAN**

DAY 3

**CLASS XII
SCIENCE
DEBATE
(2)**

**CLASS XI
MATH-AI**

**CLASS XII
SCIENCE
DEBATE
(1)**

Anveshan

List of participating schools :

- ✓ Cambridge Foundation School
- ✓ Indraprastha International School
- ✓ Lancer's Convent Sr. Sec. School
- ✓ Manav Sthali School
- ✓ Modern School, Barakhamba Road
- ✓ Mount St. Mary's School
- ✓ Nirmal Bhartia School
- ✓ Queen's Valley School
- ✓ Ramjas School, Pusa Road
- ✓ Springdales School
- ✓ St. Gregorios School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School
- ✓ The Indian Heights School



Anveshan - Class XI



Jasnoor Singh

Nirmal Bhartia School



Chhavi Grewal

Cambridge Foundation School



Aavya Mittal

The India Heights School



Deepanshi

St. Mark's Girls Sr. Sec. School, Meera Bagh



Iha Goyal

Queen's Valley School



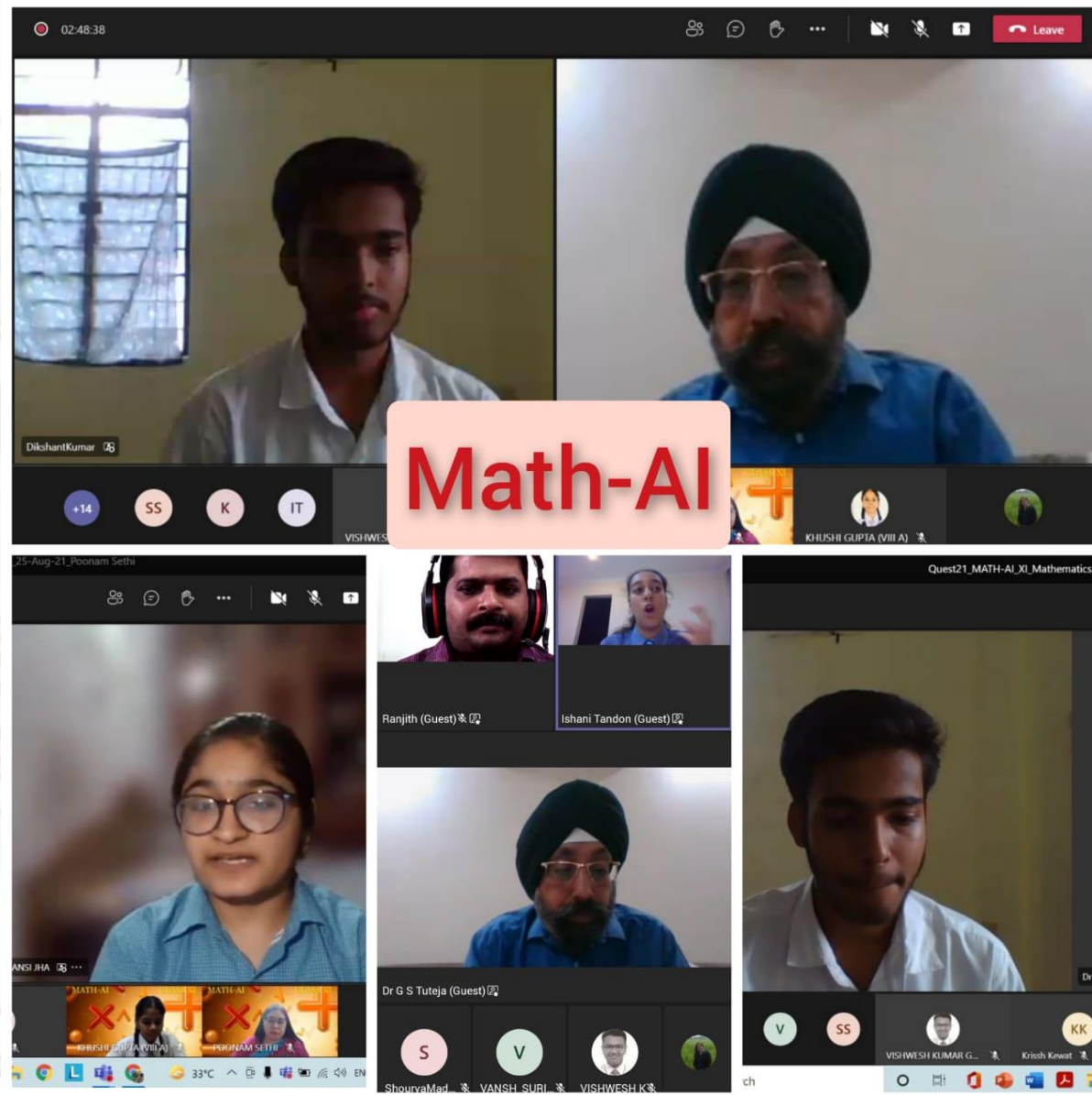
Palak Singh

Indraprastha International School

Math-AI

List of participating schools :

- ✓ Cambridge Foundation School
- ✓ CRPF Public School, Rohini
- ✓ Delhi Public School, Mathura Road
- ✓ Indraprastha International School
- ✓ Indraprastha World School
- ✓ Lancer's Convent Sr. Sec. School
- ✓ Mira Model School
- ✓ Modern School, Barakhamba Road
- ✓ Mount Abu Public School
- ✓ Mount St. Mary's School
- ✓ Nirmal Bhartia School
- ✓ Queen's Valley School
- ✓ Spingdales School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh



Math-AI- Class XI



Ishani Tandon

Modern School, Barakhamba Road



Daksh P. Jain

St. Mark's Sr. Sec. Public School, Meera Bagh



Shaurya Sarin

Indraprastha International School, Dwarka



Shourya Madan

Springdales School, Dhaula Kuan



Kashvi Arora

Mira Model School



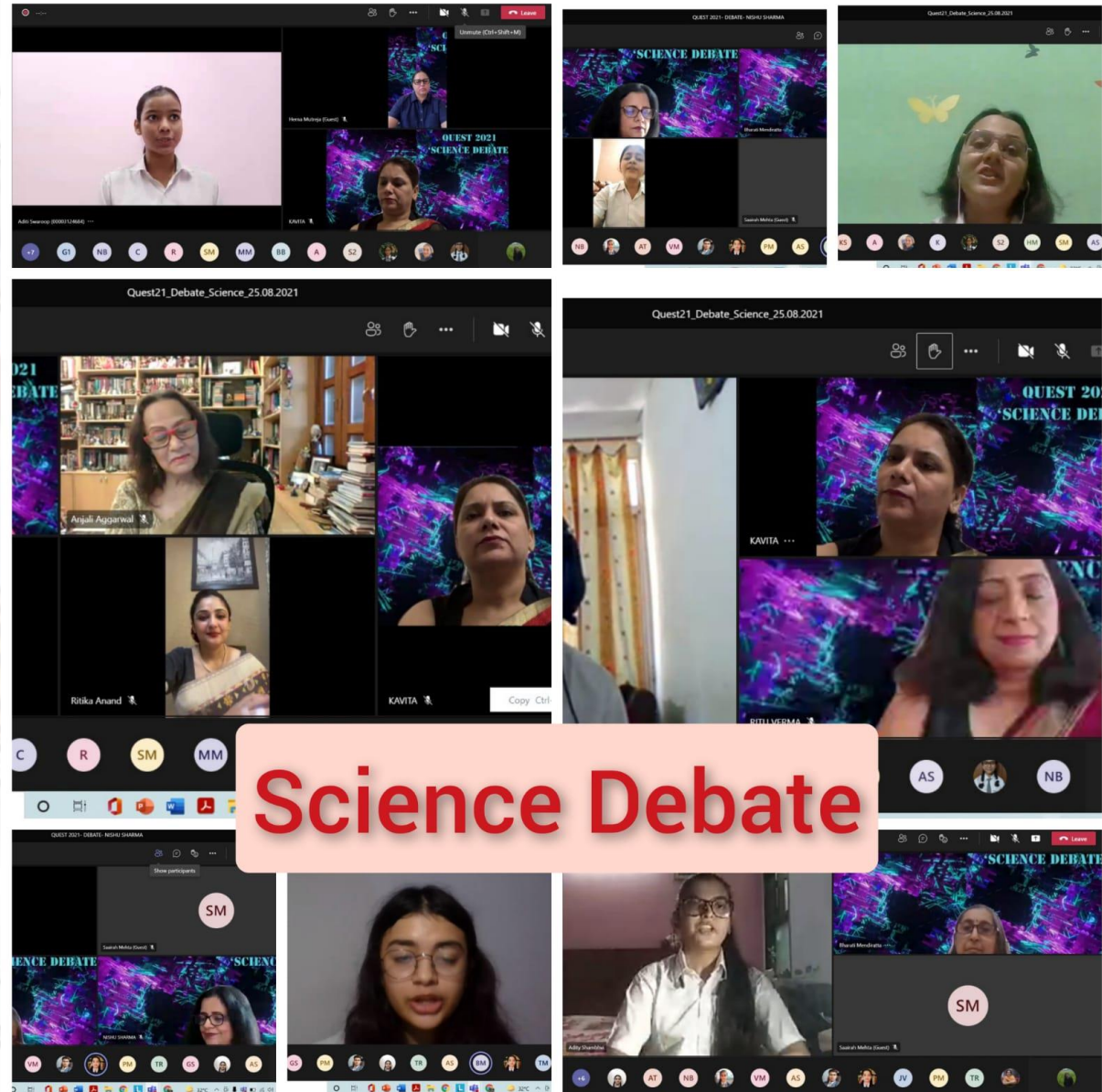
Daksh Khuttan

St. Mark's Sr. Sec. Public School, Janakpuri

Science Debate

List of participating schools :

- ✓ Cambridge Foundation School
- ✓ CRPF Public School, Rohini
- ✓ Indraprastha International School
- ✓ Indraprastha World School
- ✓ K, R, Mangalam World School
- ✓ Lancer's Convent Sr. Sec. School
- ✓ Manav Sthali School
- ✓ Modern School, Barakhamba Road
- ✓ Mount Carmel School
- ✓ Mount St. Mary's School
- ✓ Ramjas School, Pusa Road
- ✓ Springdales School
- ✓ St. Gregorios School
- ✓ St. Mark's Girls Sr. Sec. School, Meera Bagh
- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School
- ✓ The Heritage School



Science Debate - Class XII

FOR

GROUP 1



Gaurika Kakkar
K. R. Mangalam World School



Suhani Malhotra
Lancer's Convent Sr. Sec. School



Siddhant Ahuja
Modern School, Barakhamba Road

AGAINST



Samaira Gupta
K. R. Mangalam World School



Mehak Motwani
Indraprastha World School



Avi Singh
Lancer's Convent Sr. Sec. School

Science Debate - Class XII

FOR



Lakshay Mahajan

St. Mark's Sr. Sec. Public School, Meera Bagh

GROUP 2



Vedansh Mehta

The Heritage School



Tanya Mudel

The Air Force School

AGAINST



Eshneet

Ramjas School, Pusa Road



Akilah Thairanil

Mount St. Mary's School



Garima Sharma

St. Mark's Sr. Sec. Public School, Janakpuri

Masterminds

List of participating schools:

- ✓ Cambridge Foundation School
- ✓ CRPF Public School, Rohini
- ✓ Delhi Public School, Mathura Road
- ✓ Indraprastha International School
- ✓ Indraprastha World School
- ✓ K, R, Mangalam World School
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- ✓ St. Mark's Sr. Sec. Public School, Janakpuri
- ✓ St. Mark's Sr. Sec. Public School, Meera Bagh
- ✓ The Air Force School
- ✓ The Indian Heights School



Masterminds - Class XII



Harsh Kumar

St. Gregorios School, Dwarka



Tarun Karnatak

The Air Force School, Subroto Park