



VORTEX

Just fdu it.



VORTEX

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Delhi Public School, Rohini

An Inter School Mathematics Symposium

Event Dates: 26 July & 27 July 2025

Mode Of Conduct: Online

Registration Link: <https://tinyurl.com/Vortex2025>
Please note: The last date of Registration is 12 July 2025.

Email for Queries: vortex@dpsrohini.in

Website Link: <https://vortexdpsr.co.in/>

Discord Link: <https://discord.gg/X55CeYHHrv>

(All participants are requested to join the Discord server after registering)

Events at **VORTEX**

EVENT	TEAM	CLASSES
Fractal Frames	Team of 2	IV-V
Mono Tunic	Team of 6	VI-IX
X-Quest	Team of 2	IX-X
X-Solving	Team of 2	IX-X
unXpected	Team of 2	X-XII
War-TeX	Individual	XI-XII
Word-X	Team of 2	XI-XII

Fractal Frames

Painting/Graphic Design



Number of members per team: 2

Teams per school: 1

Eligibility Criteria: Classes IV-V

Love to design pattern puzzles? Then Fractal Frames is calling your name! This creative challenge invites you to blend visual art with mathematics by submitting a painting that reinforces a mathematical concept. Submit a high-quality photo or scanned image of your artwork. Use any medium—watercolors, acrylics, pastels, digital patterns—it's your canvas, your rules. Your piece should clearly reflect a mathematical theme or idea.

Pick your inspiration from following:

- 1) Geometry in Nature or Architecture
- 2) Symmetry and Reflections
- 3) Mathematical Patterns (like Tessellations or Fractals)
- 4) Numbers and Emotions
- 5) The Beauty of Pi
- 6) Math in Daily Life
- 7) Golden Ratio and Proportion
- 8) Graphs and Visual Data

Deadline: 20 July 2025

Submission Link: <https://tinyurl.com/Fractal25>

Mono Tunic

Music Composition



Number of members per team: 6

Teams per school: 1

Eligibility Criteria: Classes VI-IX

Got rhythm in your bones and numbers on your mind? Then Mono Tunic is the perfect challenge! This unique activity invites you to compose and present a short musical performance—1 to 2 minutes long—based on one of the following mathematical themes:

- 1) Fractions and Decimals
- 2) Geometry in Daily Life
- 3) Data Handling and Interpretation
- 4) Integers and Their Properties
- 5) Algebraic Expressions
- 6) Symmetry and Patterns
- 7) Time, Speed, and Distance
- 8) Golden Ratio

Deadline: 20 July 2025

Submission Link: <https://tinyurl.com/MonoTunic2025>

X-Quest

Quiz



Number of members per team: 2

Teams per school: 1

Eligibility Criteria: Classes: IX-X

Love a good challenge? Then this quiz is for you. Get ready to put your math skills to the test with mindboggling puzzles and brainteasers that will make you think, laugh and maybe even scratch your head. The preliminary round will be held using Google Forms with the fastest submissions given preference. The top 6 teams will reach the finals held on Zoom.

X-Solving

Problem Solving



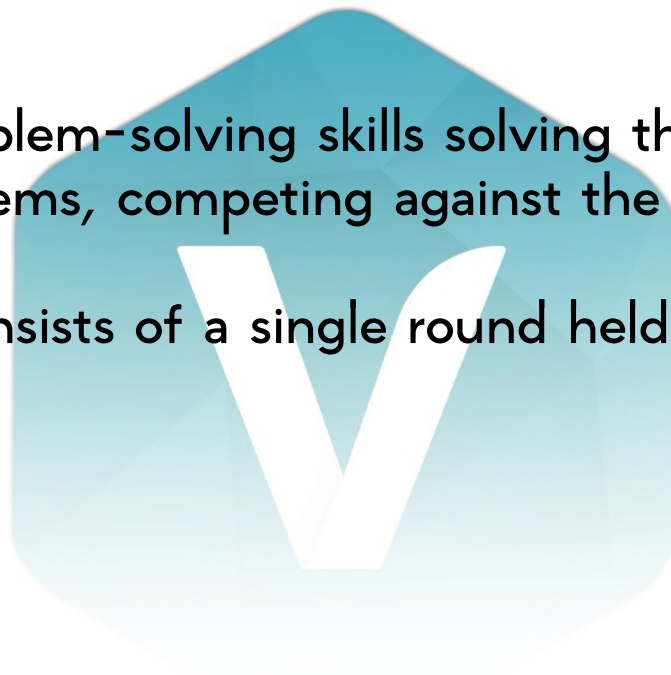
Number of members per team: 2

Teams per school: 1

Eligibility Criteria: Classes IX-X

Test your problem-solving skills solving the most difficult problems, competing against the best of the best.

The event consists of a single round held on Zoom.



unXpected

Surprise



Number of members per team: 2

Teams per school: 1

Eligibility Criteria: X-XII

We would tell you to expect the unexpected, but then it would be too mainstream.



War-Tex

Group Discussion



Number of members per team: 1

Teams per school: 1

Eligibility Criteria: XI-XII

For the prelims participants are required to speak and record and upload their video as an unlisted video on Youtube on a topic of their choice not exceeding 2 minutes. Participants have to take a clear stance on the issue and defend themselves and it can be entirely up to your judgment and assessment of the topic.

The final round will be held via Zoom meeting. Shortlisted participants will be given 10 minutes to prepare after the prompt is released. Each participant will have 90 seconds to present their opening statements. This will be followed by a 15-minute discussion session

Deadline: 20 July 2025

Submission Link: <https://tinyurl.com/WARTEX2025>

Word-X

Crossword



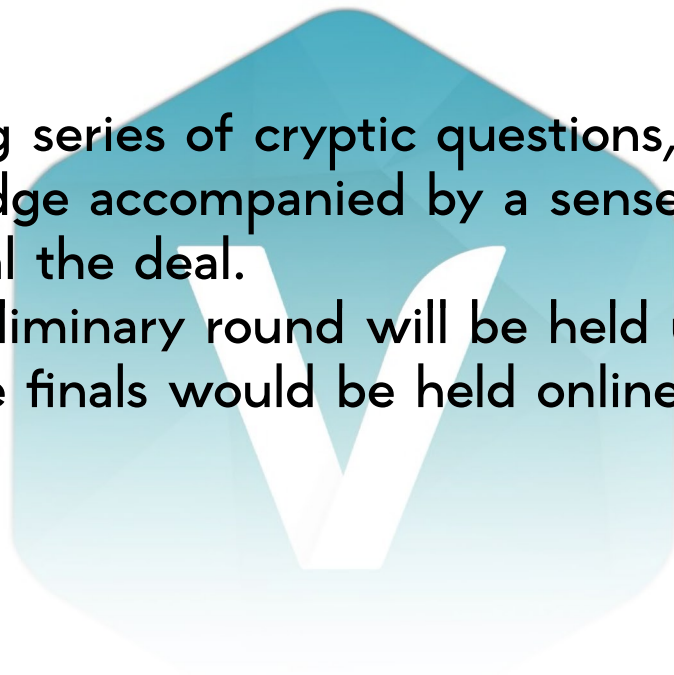
Number of members per team: 2

Teams per school: 1

Eligibility Criteria: Classes XI-XII

An engrossing series of cryptic questions, where basic math knowledge accompanied by a sense of humor will surely seal the deal.

An online preliminary round will be held using Google forms and the finals would be held online on Zoom.



Schedule

Day 1 26 July



Time

15:00

16:00

17:00

18:00

19:00

20:00

21:00

22:00

X-Solving
Finals

Word-X
Prelims

X- Quest
Prelims

unXpected
Prelims

Schedule

Day 2 27 July



Time

15:00

16:00

17:00

18:00

19:00

20:00

21:00

22:00

War-Tex
Finals

Word-X
Finals

X- Quest
Finals

unXpected
Finals