

# DELHI PUBLIC SCHOOL ROHINI



## VORTEX 2024

### *An Inter School Mathematics Symposium*

**Event Dates:** 20 July & 21 July 2024

**Mode of Conduct:**Online

**Registration Link:** <https://forms.gle/e47tyTiB5tpb5Nps7>

Please note: The last date of Registration is **15 July 2024**.

(Registration is to be done only with the school's official mail ID.)

**Email for Queries:** [vortex.dpsr@gmail.com](mailto:vortex.dpsr@gmail.com)

**Website for updates and Discord link:** <https://vortexdpsr.co.in/>

<https://discord.gg/Hv5qDFR8>

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

## EVENT DETAILS

### **X-WORD: CROSSWORD**

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 on Google forms and the finals would be held online over Zoom.

**No. of participants: 2**

**Eligibility Criteria: Classes IX-X**

### **unXpected: SURPRISE**

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

**No. of participants: 2**

**Eligibility Criteria: Classes XI-XII**

### **X-SOLVING: PROBLEM SOLVING**

Test your problem-solving skills against the most difficult problems, competing against the best of the best. Consists of a single round held over Zoom.

**No. of participants: 2**

**Eligibility Criteria: Classes IX-X**

### **WAR-TEX: GROUP DISCUSSION**

An engaging group discussion that requires you to be vocal and confident about your opinions. The preliminary round will include video submissions on a specific topic, followed by the finals to be held over Zoom. Video submission must not span more than 2 minutes and should be submitted in MP4 format.

**Final date for video submissions for the preliminary round is 18 July 2024. The topic for the same would be released on the discord server on 16 July 2024.**

**No. of participants: 1**

**Eligibility Criteria: Classes XI-XII**

### **X-QUEST: QUIZ**

Love a good challenge? Then this quiz is for you. Get ready to put your math skills to the test with mind-boggling puzzles and brainteasers that will make you think, laugh and maybe even scratch your head. The preliminary round will be held on Google forms with the fastest submission times given preference. The top 6 teams will reach the finals held over Google Meet.

**No. of participants: 2**

**Eligibility Criteria: Classes VI--VIII**

## MATH-A-THON: ENACTMENT

Event details: 4-6 Participants from Classes IV or V will be required to enact a Mathematical Story. It is an engaging and educational event designed to make mathematics come alive through storytelling and performance. Participants will create and perform short skits or plays that incorporate mathematical concepts and principles, demonstrating how math is present in every-day life and imaginative scenarios.

Rules:

- The video duration should be 3-4 minutes.
- The maximum size of the videos should be 1GB
- Judgment criteria:
  - Originality
  - Relevance
  - Creativity
  - Props used
  - Effective usage of mathematical concepts

The topics for role play are -

1. **The Magical Math Market** - Participants portray characters visiting a market where math concepts come to life. They encounter vendors who sell enchanted items, cast math formulae as spells, etc.
2. **The Quest for the Lost Equation** - Participants embark on a quest to recover a long lost math equation to restore balance to the realm. Along the way they encounter math puzzles which they must solve to progress.
3. **Time Travelling Mathematicians** - Participants play a group of time traveling mathematicians who journey through different historical periods, encountering mathematical challenges and puzzles along the way. They visit ancient civilizations to witness mathematical discoveries firsthand, assist famous mathematicians in solving problems and explore futuristic worlds where advanced math concepts shape society.

**No. of participants : 4-6**

**Eligibility Criteria: Classes IV and V**

Link for submission-

<https://forms.gle/aLBuHzpvCo5qHBiE8>

**Final date for submission of the video is 19 July 2023.**

**For further details, please contact:**

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**(Teacher in-charge)**

**Anirudh Dabas**  
**93113 86858**  
**(President)**

**Aanya Kaushik**  
**81789 84420**  
**(President)**

**Pihu Bhattacharjee**  
**93118 02007**  
**(President)**

**Akshatt Dahiya**  
**95822 60908**  
**(President)**

# Schedule

## Day 1

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Time      20 July

15:00

16:00

17:00

X-Word  
Prelims

17:45

18:00

X-Quest  
Prelims

18:15

Problem  
Solving

19:00

20:00

22:00

unXpected  
Prelims

## Day 2

<u>Time</u>	<u>21 July</u>
9:00	
12:00	
12:30	X-Word Finals
13:00	
15:00	
16:00	War-Tex Finals
18:00	
19:00	X-Quest Finals
21:00	