

REPORT

INTER-HOUSE MATH QUIZ COMPETITION

“Mathematics gives us hope that every problem has a solution.”

Delhi Public School, Gurgaon organized an Inter-House Math Quiz Competition for Class VII on 27th August 2021.

The quiz was conducted online on Microsoft Teams and two students from each house participated in it. The competition commenced with the introduction of participants. Mimansa Agarwal, Secretary of The Pi Squad Club and Nandini Chanana, Pi Squad member introduced the participants and explained the rules. The quiz comprised of five rounds; Mental Ability, Visual Quiz, Problem Solving, Spot the Error and Rapid Fire. These rounds were conducted by Pi Squad members and Math teachers.

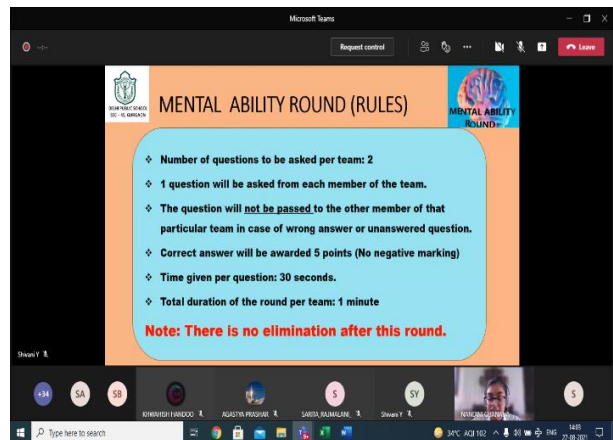
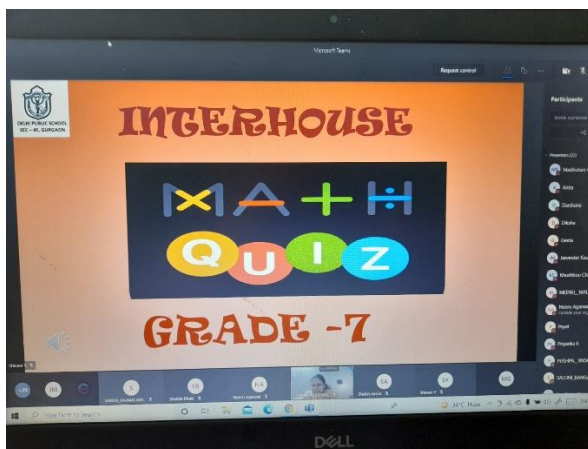
Students participated with a lot of enthusiasm showcasing their potential. Spontaneity and confidence were the hallmark of the competition.

The first prize was bagged by Apeksha Bansal and Arnab Chatterjee of Chenab House. Aarav Gupta and Shambhavi Shree of Ravi House bagged the second position.

The Headmistress, Middle Wing, Ms. Shalini Arora, addressed and encouraged the participants with her inspiring words. Senior Mistress (Middle School), Ms. Shaifali Bhatt, guided and motivated the students.

The objective of the quiz competition was to encourage students to look beyond their textual knowledge and establish a relationship between theory and application of the learnt concepts.

Glimpses of the Inter House Math Quiz Competition – Class VII



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ROUND 1: RAVI HOUSE

Q: Find out from the given options, a figure which when placed in place of question mark will continue the series established by the problem figures.

Problem Figures

a) b) c) d)

Shweta Y

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ROUND 2: GANGES HOUSE

Find the missing number.

Options

a) 227
b) 301
c) 534
d) 222

Shweta Y

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ROUND 4: JAMUNA HOUSE

Q: If $(x^2y + y^2 + 3)$ is subtracted from $(3x^2y - 2y^2 + 5)$, then coefficient of x^2 in the result is _____.

SOLUTION: $(3x^2y - 2y^2 + 5) - (x^2y + y^2 + 3)$ [STEP 1]
 $= 3x^2y - 2y^2 + 5 - x^2y - y^2 - 3$ [STEP 2]
 $= (3x^2y - x^2y) - (2y^2 - y^2) + (5 - 3)$ [STEP 3]
 $= 2x^2y - y^2 + 2$ [STEP 4]
 The coefficient of y in the result is $2y$. [STEP 5]

SPOT THE ERROR

Shweta Y

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WINNER

CHENAB HOUSE
APEKSHA BANSAL
ARNAB CHATTERJEE

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