

BEST PRACTICES

GSKV A Block Janakpuri

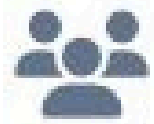
School ID: 1618018

PRINCIPAL

Dr. Shilpa Sud

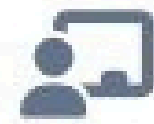


Our School at a Glance



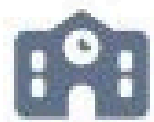
2,143

TOTAL ENROLMENT



91

EXPERT TEACHERS



K-12

NURSERY TO 12TH



4 Streams

ACADEMIC PATHS

Humanities • Science •
Commerce • Vocational

Nurturing excellence through diverse learning pathways and dedicated mentorship.

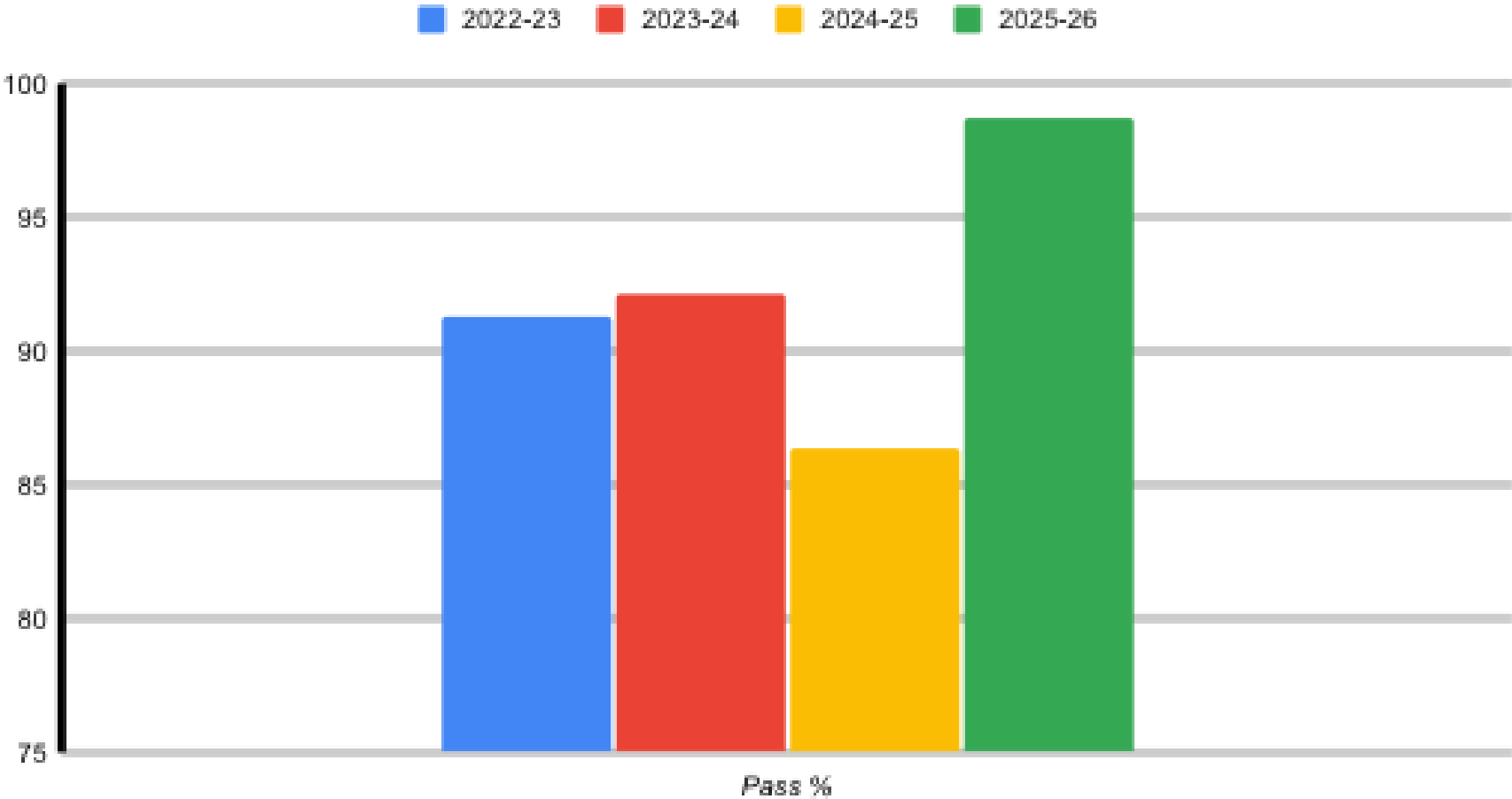


CLASS X RESULT ANALYSIS

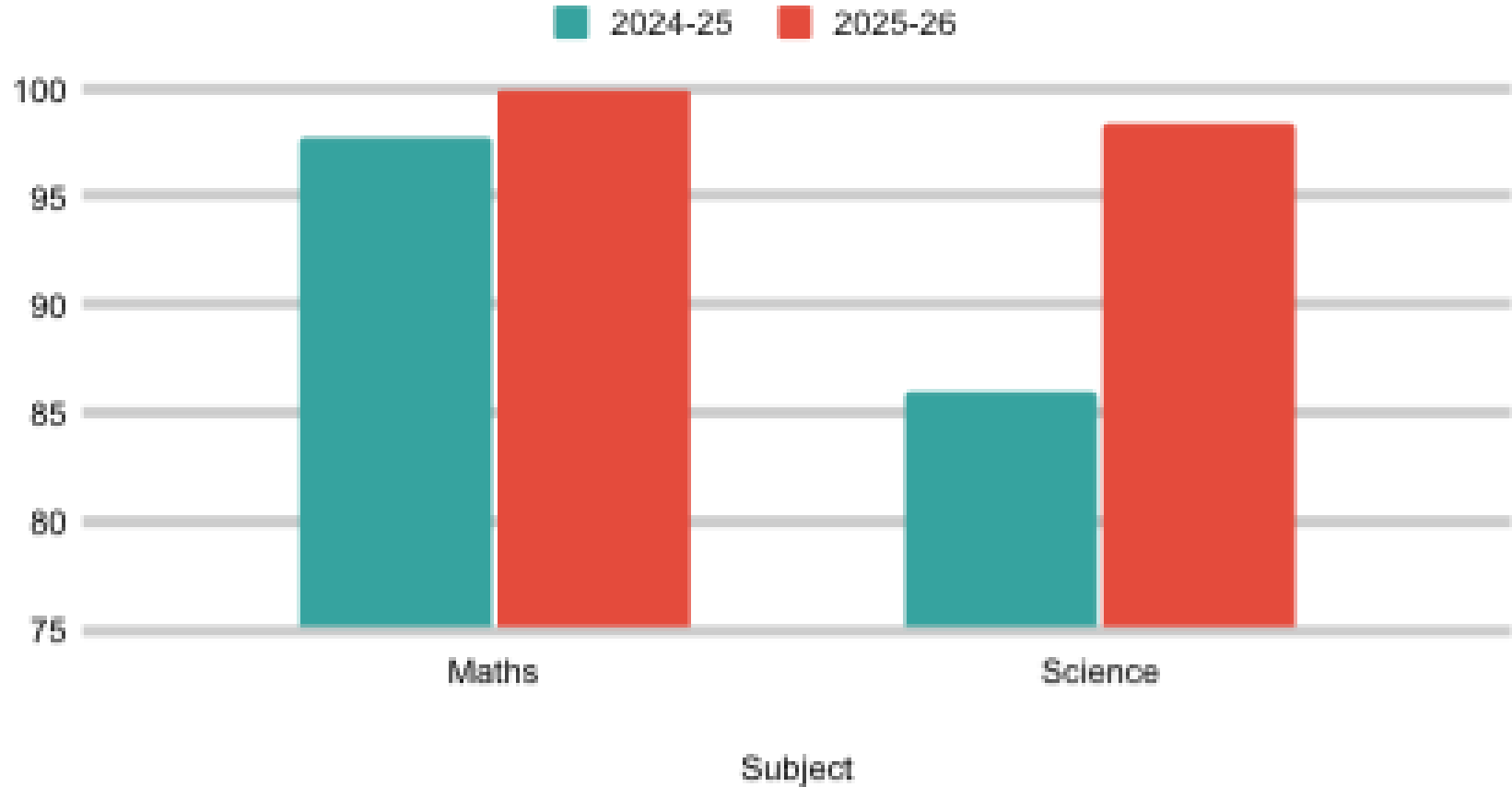
Improvement in Class X Result				
Year	2022-23	2023-24	2024-25	2025-26
Pass %	91.24	92.1	86.4	98.71

MATHS AND SCIENCE RESULT		
Subject	2024-25	2025-26
Maths	97.7	100
Science	85.95	98.29

CLASS X RESULT YEAR WISE

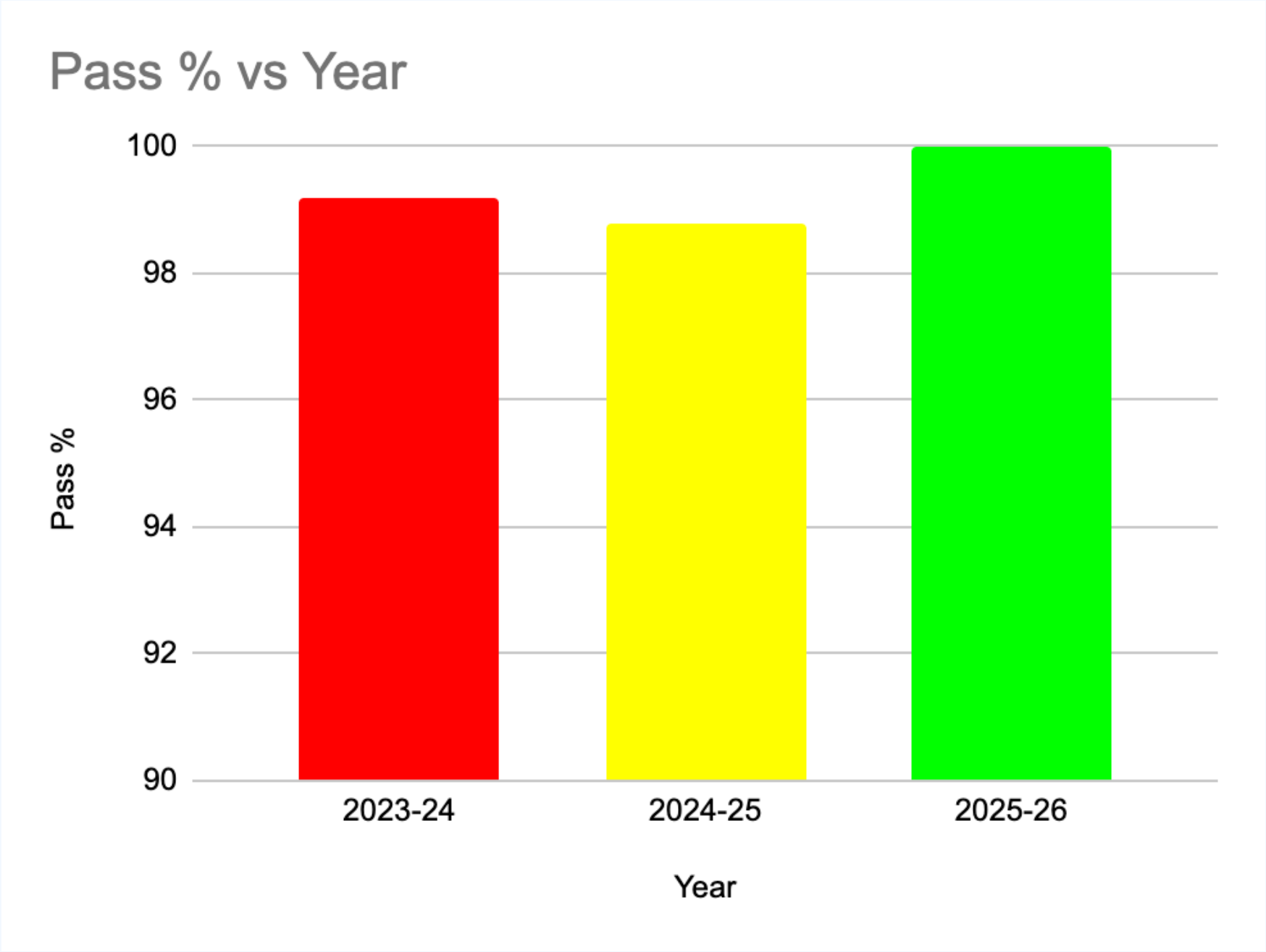


MATHS AND SCIENCE RESULT



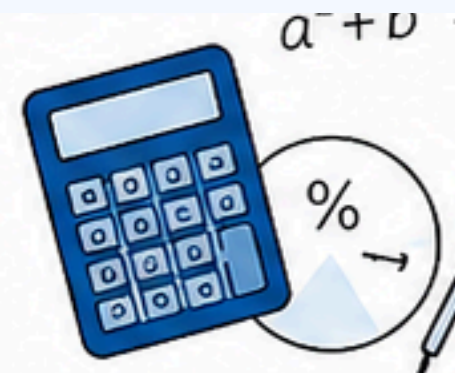
CLASS XII RESULT ANALYSIS

Improvement in Class XII Result			
Year	2023-24	2024-25	2025-26
Pass %	99.2	98.8	100





(SCIENCE & MATHEMATICS)



STRATEGIC ACTIONS IMPLEMENTED



Early start of remedial classes
(from July)



“Mission Science & Maths” sessions
during assembly & CT periods



Continuous monitoring through
Excel tracking & student portfolios



Weekly tests and
enhanced UTs (50 marks)



Regular PTMs & one-to-one
interaction for low achievers
and absentees



Collaborative practices: peer observation
& inter-school teacher collaboration



Targeted support:

- Simplified notes & extra help for low achievers
- Additional resources for high achievers



Promotion of peer learning
& hands-on activities



Recognition & feedback
to motivate students



Teachers who are expert in Bio, Chemistry
and Physics were encouraged to take
difficult topics of all classes



Digital platforms were used



Google Classroom



YouTube

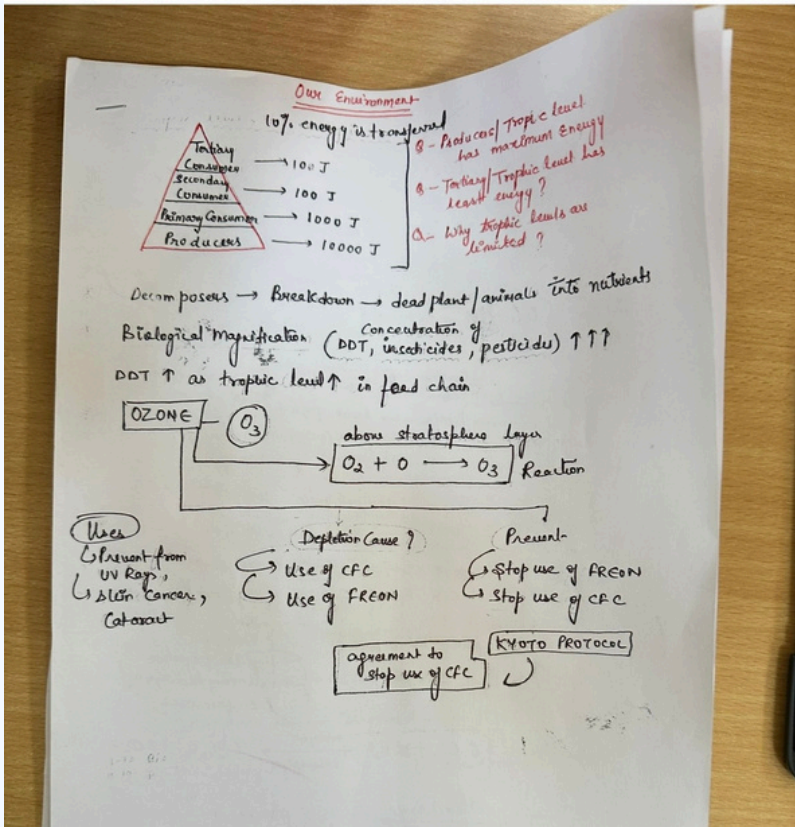


WhatsApp



OUR ENVIRONMENT

- **Food chain** ☐ Consist
- **Trophic level** ☐ - What is 1st trophic level or 2nd or 3rd ☐ - What is trophic level ☐ - Why autotrophs are at first trophic level ☐
- **Ozone** ☐ Case study - deadly gas ☐ formation ☐ function ☐ which chemical decrease it ☐ CFC ☐ Measure taken by organisation ☐
- **Waste Management** ☐ - How waste is caused ☐ - Examples of non biodegradable waste ☐
- **Biodegradable and Non Biodegradable** ☐ - Difficult ☐ Impact ☐
- **Biological magnification** ☐ - How it occurs ☐ - Why essential ☐
- **Energy flow** ☐ - 10% law ☐ - 20,000 J at producer ☐ what will be at 3rd or 4th ☐ why undisturbed ☐ Natural way ☐
- **decomposition** ☐ - Why essential ☐



Structures and Functions of the Human Reproductive System		
Structure or Function	Male Reproductive System	Female Reproductive System
Type of sex cell		
Where sex cells are produced/stored		
Tube that sex cells travel through once they are produced		
Where sex cells exit the body		
Structure where the primary sex hormone is produced		
Primary sex hormone produced		
Where an egg is fertilized		
Where a fertilized egg will grow		
Where the exchange of nutrients occurs between mother and developing fetus		



Worksheet - 1

DATE - / /

Q1. Write the name of the process by which the following are formed.

- 1) **गैस** (gas) - **अणु** (atom)
- 2) **गैस** (gas) - **अणु** (atom)
- 3) **गैस** (gas) - **अणु** (atom)
- 4) **गैस** (gas) - **अणु** (atom)

Q2. Write the name of the process by which the following are formed.

- 1) **गैस** (gas) - **अणु** (atom)
- 2) **गैस** (gas) - **अणु** (atom)
- 3) **गैस** (gas) - **अणु** (atom)
- 4) **गैस** (gas) - **अणु** (atom)

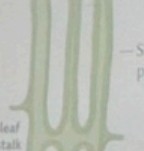
Q3. Write the name of the process by which the following are formed.

- 1) **गैस** (gas) - **अणु** (atom)
- 2) **गैस** (gas) - **अणु** (atom)
- 3) **गैस** (gas) - **अणु** (atom)
- 4) **गैस** (gas) - **अणु** (atom)

Q4. Write the name of the process by which the following are formed.

- 1) **गैस** (gas) - **अणु** (atom)
- 2) **गैस** (gas) - **अणु** (atom)
- 3) **गैस** (gas) - **अणु** (atom)
- 4) **गैस** (gas) - **अणु** (atom)

Student Id		Student Name		Science (VOTI KUMARI)									
				TEST 1 TOTAL 20	TEST 2 TOTAL 20	TEST 3 TOTAL 20	TEST 4 TOTAL 20	TEST 5 TOTAL 20	TEST 6 TOTAL 20	TEST 7 TOTAL 20	TEST 8 TOTAL 20	TEST 9 TOTAL 20	TEST 10 TOTAL 20
				MARKS	MARKS	MARKS	MARKS	MARKS	MARKS	MARKS	MARKS	MARKS	MARKS
20140055175	JASDEKA KAMLA	0	0	1	0	11	5	1	0	0	0	0	1
20140055309	SUNANI	3	0	0	0	10	4	A	A	A	A	A	A
20140079404	ANSHIKA	A	0	0	1	A	A	A	A	A	A	A	A
20140090254	KARISHMA	A	A	2	0	4	3	A	A	A	A	A	A
20140090872	JYOTI	1	0	1	2	9	11	A	1	1	1	2	2
20140099139	RAJAT	2.5	A	0	1.5	11	2	0	1	0	1	1	1
20140100966	NANDINI	2	1	0	4	13	1	2	1	0	0	2	2
201501008031	GALUSI	8	0	6	A	22	9	A	A	2	A	2	A
20150112773	RITANSHI GUPTA	0	3	A	4	0	A	3	1	5	5	1	1
20150112781	MEENAKSHI	A	2	4	4	10	12	1	1	1	1	4	6
20150112890	ANJALI	12	1.5	A	7	42	16	9	8	A	A	6	6
20150112900	GUNGUN GUPTA	12	8.5	6	5.5	34	15	5	9	8	A	6	6
20150112914	TANYA SHARMA	A	2	4.5	5.5	33	15	4	3	A	A	6	6
20150113037	KANAK	3.5	1	A	4	10	12	8	2	5	A	A	6
20150113158	ANOKHI KHATOON	5.5	1	5	2	9	12	3	A	1	1	0	0
20150113274	NANDANI	A	A	A	A	9	3	A	A	A	A	A	A
20150113944	KRITIKA	5.5	1	2	2	12	3	2	1	1	1	4	4
20150113976	NANDI	4	0	6.5	0.5	16	4	3	0	3	0	3	3
20150113977	RAJAL	4.5	0	1	1.5	11	A	2	0	0	2	0	0
20150120661	LADHI	2	1	A	3.5	19	6	3	1	A	A	A	A
20150120665	PREYANSHI	9	0	6	4	27	12	6	1	5	A	A	6
20150120681	PALLAVI SHARMA	9	4	7	4	22	10	6	8	3	A	6	6
20150121517	ASHU SINGH	10	0	6	3	31	9	3	4	8	A	A	6
20150137459	ADISH SINGH	7	0	10	8	39	11	7	A	6	6	8	8
20150145098	DIKA	9	0	7.5	7	26	14	4	4	2	A	6	6
20150145163	SARJANA	4	0	0	1.5	10	4	1	3	4	A	A	6
20150145555	VAISHNAVI	0	0	A	A	8	2	3	A	1	A	1	1
20150145955	HIMANSHI	A	0	0	0	5.5	9	1	0	A	7	6	6
20150160023	SARITH	3	0	3	5.5	25	18	A	4	7	6	6	6
20150160319	SHIVANI	3	1	2	A	15	10	2	0	2	A	6	6
20160125572	KRITIKA	A	A	5.5	8	23	11	7	2	5	A	A	6
20170197366	RITA PATEL	8	0	A	A	21	11	A	0	5	A	A	6
20170197384	PREYANSA SAHU	A	A	A	A	2	0	3	0	2	A	A	6
20200144311	KRISHITI CHAUHANASTRA	10.5	1	10	8	35	11	7	10	9	A	A	6
20210047544	ANANYA	15.5	8.5	6.5	A	42	17	10	10	8	A	10	10
20210129864	ANSHIKA	A	A	A	A	27	A	A	A	2	5	A	1
20210155592	SUPREYA KUMARI	9	A	A	A	21	7	3	2	5	A	1	1
20210242028	PREYANSA	A	1	1	A	17	A	A	A	0	A	6	6
20210242464	ANUSHKA SHARMA	7	1	5	4.5	31	12	A	5	4	A	6	6
20210311795	ANSHIKA	15	5.5	4.5	7	42	17	8	6	6	6	6	6
20210336447	ARYA YADAV	13.5	3	6.5	5.5	35	14	8	10	8	7	6	6
20210338822	KASHISH SINGH	2.5	A	A	A	16	13	4	4	4	4	3	3
20210424834	HANSHI SINGH	11.5	0	5.5	4.5	36	13	8	9	10	6	6	6
20220274415	NICHOL SETTA	14	6.5	8	8	38	17	6	4	6	7	7	7
20220362352	SHRISHITI SHARMA	11	0	7.5	6.5	33	15	A	8	8	A	A	6
20230168951	HARSHIKA GUPTA	A	A	A	A	16	4	A	2	A	A	A	6
20230217199	SADHVIKA CHAKRA	11	5	A	6.5	36	18	5	2	8	A	6	6
20240143610	PREYANSA	8.5	0	2	A	25	12	A	3	5	6	6	6
20240151280	DRISHITI VERMA	5.5	0	1.5	A	14	8	A	A	2	4	4	4
20240180000	KEMU	12	4.5	6	6.5	41	12	10	0	0	0	6	6
20240181036	SIDDHAT	10	4	5.5	A	37	15	9	4	0	6	7	7

SIMPLE PERMANENT TISSUES		
Parenchyma	Collenchyma	Sclerenchyma
- Living cells, thin walls - thin walls, large vacuoles - Function: Storage, photosynthesis (chlorenchyma), buoyancy - Location: Roots, stems, fruits	- Living cells - thickened corners - Provide flexibility and support - Examples in leaf stalks, below epidermis of leaves and stems	- Dead cells, with lignified walls - Provide rigidity and strength - Locations: Ropes, hard shells, and seed
 Transverse Section	 leaf stalk	 Simple pit cell



MISSION SCIENCE

ACTION PLAN FOR ACADEMIC EXCELLENCE IN CLASS IX AND X

OBJECTIVES

- To achieve 100% result
- Reduce fear of Science
- Improve academic performance
- Strengthen conceptual understanding
- Encourage active participation and building competencies



MISSION SCIENCE – ACTION PLAN

“Making Science engaging, innovative, and student-centered.”



5-STEP ACTION PLAN

- 1**  **Diagnose Problems –**
Weekly & Monthly Tests
- 2**  **Simplify Concepts –**
Flowcharts, Videos, Activities
- 3**  **Individualized Support –**
Remedial & Doubt Sessions
- 4**  **Parent Collaboration –**
PTMs & Home Guidance
- 5**  **Additional Support –**
HOTS, Notes & Mind Maps



INNOVATIVE TEACHING STRATEGIES

- 1**  **Think–Pair–Share**
Encourages discussion and active participation.
- 2**  **Fruiter's Model**
Builds conceptual understanding through structured thinking.
- 3**  **Team–Pair–Solo**
Promotes collaboration, peer learning and individual accountability.
- 4**  **Buddy System & Quizzes**
Supports peer learning and strengthens retention through regular quizzes.
- 5**  **Gallery Walk**
Encourages exploration, sharing ideas and reflective learning.



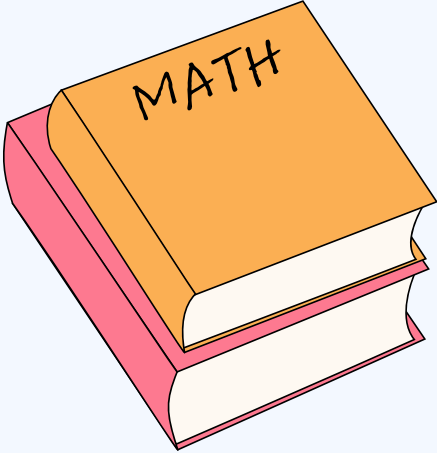
123

$$E = mc^2$$



Think • Explore • Discover • Achieve
Every Student. Every Day. In Science.



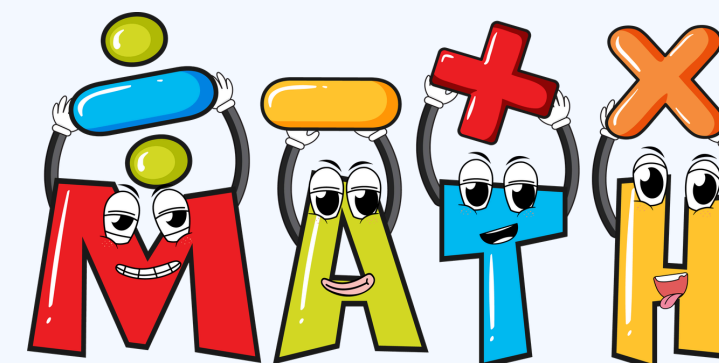
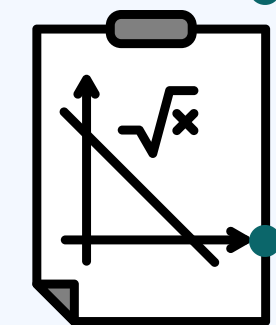


TARGET 100%:MATHS

ACTION PLAN FOR ACADEMIC EXCELLENCE

OBJECTIVES

- To achieve 100% result with improved overall performance
- To strengthen basic concepts and problem-solving skills
- To reduce the number of low achievers and betterment of quality index
- To build confidence and improve exam preparedness



+ - π

MISSION MATHS – ACTION PLAN

“Making Maths meaningful, engaging, and student-centered.”



5-STEP ACTION PLAN

- 1**  **Diagnose Learning Gaps –**
Detailed analysis of Mid-Term & Pre-Board Results
- 2**  **Daily Practice Class –**
30-minute session
(7:20 AM – 7:50 AM)
- 3**  **Simplify Concepts –**
Flowcharts, Videos, Activities
- 4**  **Individualized Support –**
Remedial & Doubt Sessions
- 5**  **Parent Collaboration –**
PTMs & Home Guidance

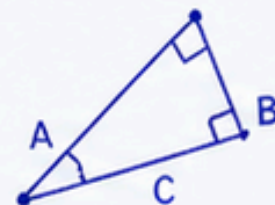


INNOVATIVE TEACHING STRATEGIES

-  Rotating Learning Stations
-  Maths Games
-  Think Pair Share
-  Role Play
-  Buddy System & TLMs

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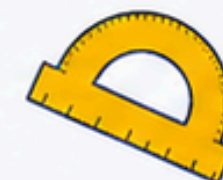
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Think • Solve • Explore • Achieve
Every Student. Every Day. In Maths.



$f(x)$





PEER OBSERVATION



Learn together. Support together. Grow together.



WHAT IS PEER OBSERVATION?

- Teachers observe each other's classes
- Provide constructive feedback
- Collaborative & non-evaluative process
- Aims at improving teaching effectiveness



BEST PRACTICE EXAMPLES

- Effective blackboard work & student engagement
- Positive classroom environment
- Strong teacher-student connection
- Activity-based learning (e.g., coordinate geometry)



OBSERVATION PROCESS

- Teacher self-nomination
- Lesson planned in advance
- Class observed by peers & leadership
- Post-observation feedback (CDC format)

- C** Compliment – What was effective?
- D** Discuss – What can be improved?
- C** Construct – How can we improve together?



IMPACT

- Increased teacher confidence
- Better student engagement
- Improved learning outcomes
- Continuous professional growth



MATHS MELA-FROM FEAR TO FUN



OBJECTIVE: DEVELOP MATHS INTEREST THROUGH FUN-FILLED ACTIVITIES



ACTIVITIES: ARRANGED VARIOUS INTERACTIVE MATHS GAMES



OUTCOME: JOYFUL LEARNING ENVIRONMENT FOR EASY UNDERSTANDING



VISIT: DDE SIR ENCOURAGED STUDENTS & TEACHERS ENTHUSIASTICALLY



SUCCESS: EFFECTIVE STEP TOWARDS JOYFUL NIPUN SANKALP MISSION



MATHS MELA

FROM FEAR TO FUN

NAMES OF STALLS

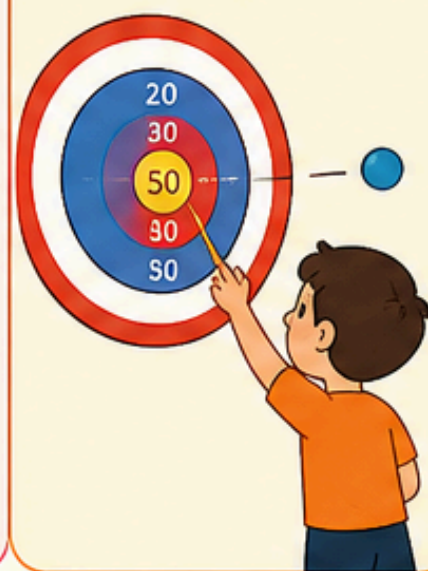
1

EMOJI METER STATION –
WHERE EMOTIONS MET ESTIMATION



2

SOLVE SHOOTER GAME –
HIT THE TARGET, HIT THE FUN



3

CRACK IT AND TRACK IT –
COLOUR THE CORRECT ANSWER OR NUMBER MOSAIC

12	15	18	20
21	24	27	30
32	35	36	40
42	45	48	50

4

NUMBER SPRINT CHALLENGE –
SPEED, SMILE, CALCULATION AND SUCCESS



5

LUCKY FAIR –
ACCURATE CALCULATION, FAKE CURRENCY BUY ITEMS



6

MEMORY STEP CHALLENGE –
BLINDFOLDED STUDENTS MEMORISED PATTERN



7

GET THE PRICE –
SOLVE THE SUM, THROW A BALL AT THE BOTTLE WITH THE CORRECT ANSWER



WHERE LEARNING FOUND JOY

Each stall offered students an opportunity to apply mathematical concepts in a stress-free, joyful way.

IMPACT

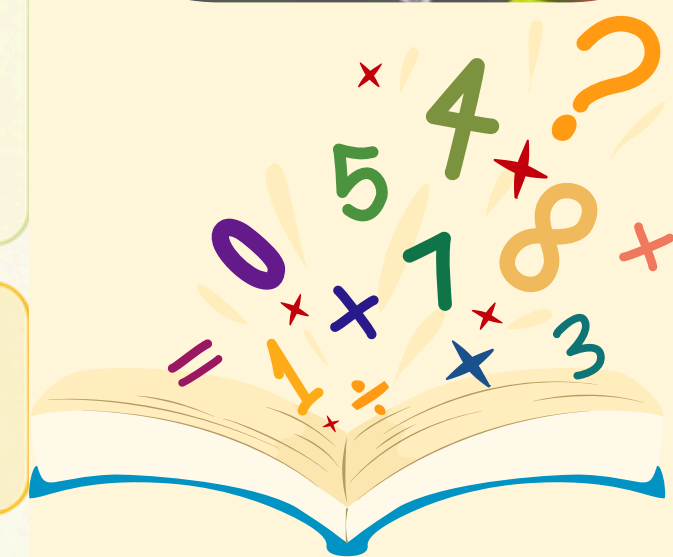


Impact was evident in the shift in student's attitudes – from fear and hesitation to confidence and enthusiasm.



Maths Mela proved to be much more than a collection of games.

IT'S A CELEBRATION OF LEARNING!





BEYOND NIPUN SANKALP

“Igniting Young Minds, Building Strong Foundations”



IDEOLOGY – “From Chalk & Talk to Joyful Spark”



We believe every child can learn joyfully when given the right environment.



“हर बच्चा सीखे – समझ कर सीखे – खुशी से सीखे”



We light minds, not fill them.

METHODOLOGY – “Innovation in Every Classroom”



Reading & Writing Hour

To build strong reading and writing skills every day.



Reading Ladder Program

Step-by-step reading levels to track progress.



Role Play & Real-Life Learning

Learning language through acting and real-life situations.



Phonics & Stories

Sound-based learning with short stories.



Learning Through Games

Flashcards, dice games and peer quizzes.



IMPACT – “Transformation You Can See and Feel”



Noticeable improvement in reading levels through the Reading Ladder Program.



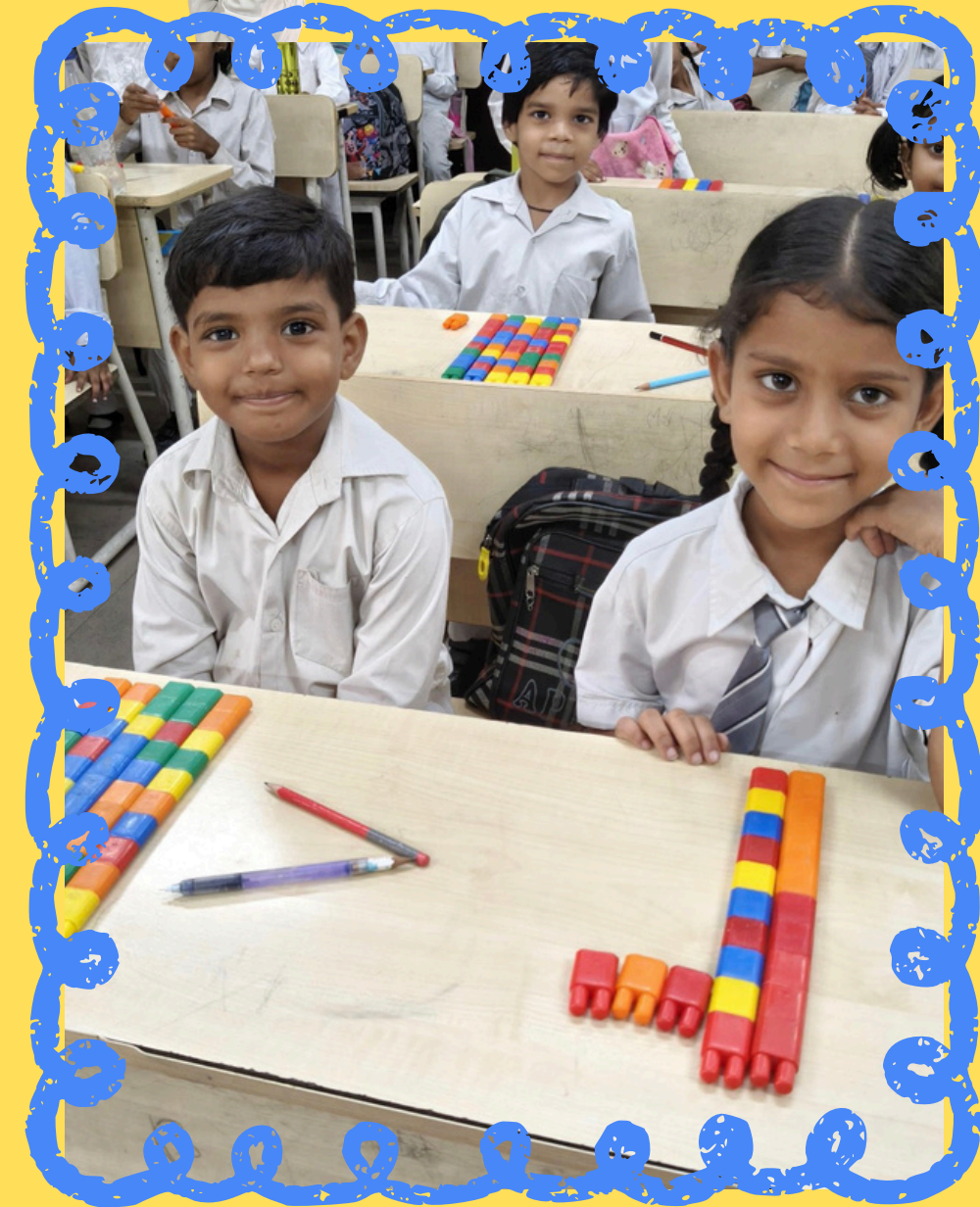
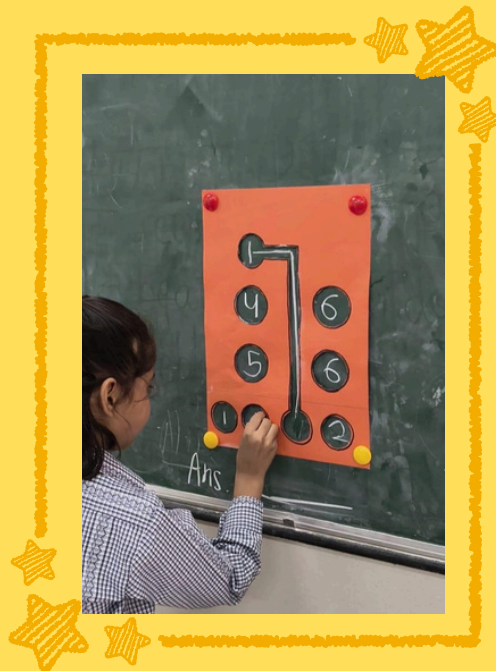
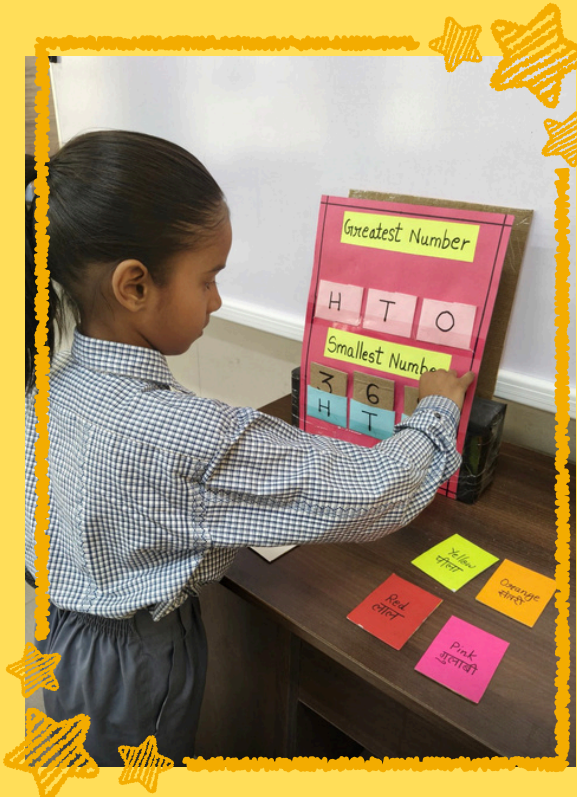
100% participation – every child involved, every child progressing.



From passive listeners to active learners – this is our real success.



BEYOND NIPUN SANKALP: "Igniting Young Minds, Building Strong Foundations"



IN HOUSE TRAINING OF STAKEHOLDERS



Training of students



1) Stress management



2) Cyber security



3) Legal awareness



4) Drug abuse awareness



Training of Parents



1) Mindful parenting
(Role of parenting in teenagers)



2) Career counselling
(Importance of choosing right stream)



Training of teachers

1) Faculty development program for enhancing teaching skills

2) ICT training



Thematic Assembly Plan (Weekly)

"THIS WEEKLY PLAN AIMS AT HOLISTIC DEVELOPMENT OF STUDENTS INCLUDING KNOWLEDGE, CONFIDENCE, COMMUNICATION, AND WELL-BEING."



Monday – TED Talk

Inspiring and idea-based talk to develop thinking and motivation



Tuesday – Quiz

Subject-based or general knowledge quiz to enhance thinking skills



Wednesday– JAM (Just A Minute)

Students speak on given topics to improve confidence and communication



Thursday – Current Affairs

Daily news updates to increase awareness about surroundings



Friday – Teacher Talk

Guidance, motivation, and value-based talk by teachers



Saturday – Yoga / Zumba

Activities for physical fitness, relaxation, and stress relief



Monday – TED Talk



Tuesday – Quiz



Wednesday – JAM

IMPACT OF THEMATIC ASSEMBLY ON STUDENTS

“Learning Beyond Books, Growing Beyond Limits”



Grow Green, Eat Clean!

MICROGREENS • HEALTHY TODAY, SUSTAINABLE TOMORROW

 **GOAL**

- Healthy habits
- Eco awareness

 **WHAT WE DID**

- Grew microgreens
- On-campus project

 **WHAT WE LEARNED**

- Plant growth basics
- Nutrition & sustainability
- Teamwork skills

 **WHY IT MATTERS**

- Fresh & chemical-free
- Fast growth (1–3 weeks)
- Hands-on learning

 **STUDENT POWER**

 Sowing

 Watering

 Harvesting



GROWN
WITH CARE



Small Greens, Big Impact!

STUDENT INTERACTION WITH CHIEF MINISTER MA'AM

Delhi Budget 2026 Initiative

★ EMPOWERING YOUTH. STRENGTHENING DELHI. ★

— KEY FOCUS AREAS DISCUSSED —



Education
Quality



Sports
Facilities



Student
Welfare



Digital
Learning



Women
Empowerment



Basic
Infrastructure



— KEY HIGHLIGHTS —



Government school
students visited
Delhi Secretariat.



Students interacted
directly with ministers.



Discussion on education,
sports & women
empowerment.



Students shared
challenges and
suggestions.



Participatory governance
encouraged.



Listening to young voices. Building a better Delhi together.



YOUNG IDEAS. REAL IMPACT.

Students speak. Delhi listens. Together, we shape a better tomorrow.



New Delhi, 18 July 2025

New Delhi: Chief Minister Rekha Gupta on Friday interacted with Delhi's school and college students as part of the Delhi Budget 2026 initiative, seeking their innovative suggestions to make the capital's education, transit, and civic amenities better.

Students from various schools and colleges of Delhi, including government and private institutions, participated enthusiastically in the discussion. Many presented well-thought-out ideas on improving public transport, tackling air pollution, enhancing cleanliness, promoting digital learning, and creating safer spaces for women.

Chief Minister Gupta listened attentively to each suggestion and assured the students that their voices will play an

Govt taps young minds for suggestions on Delhi budget

Meghna.Mukta
@timesgroup.com

important role in shaping policy decisions.

"Today's interaction is not just a conversation but a step towards building a participatory democracy. When the youth contribute ideas, the government becomes more accountable, and development becomes more inclusive," said Gupta.

The initiative is part of the government's broader vision to involve citizens—especially the youth—in the democratic process and ensure responsive governance.



Some sought a simpler bike license process, more green and monthly laser water treatment costs.

In the women's safety and cleanliness front, students proposed more street lights and CCTV cameras around

busy areas, free sanitary napkin vending machines in public toilets, and stricter action against eve-teasing.

The government is now compiling these suggestions to consider for inclusion in the upcoming budget.

IMPACT



Student voices recognized



Policy suggestions collected



Confidence & leadership developed



Youth participation encouraged



Real-life democratic exposure

“OUR IDEAS. OUR DELHI.
OUR FUTURE.”

STUDENT INTERACTION
AT MINISTER'S OFFICE
Delhi Budget 2026 Initiative



FEATURED IN

The Indian Express



INNOVATIVE PEDAGOGICAL PRACTICES



Effective Use of Teaching-Learning Materials (TLM)



Classrooms in Action



OUR APPROACH

- Aligned with CBSE competency-based education and experiential learning
- Focus on hands-on, student-centered teaching
- Integration of Teaching-Learning Materials (TLM) to enhance classroom transactions and make learning meaningful



WHAT MAKES IT INNOVATIVE?

- Interactive classrooms using models, activities & visual aids
- Real-life application of concepts for deeper understanding
- Collaborative and inquiry-based learning strategies



IMPACT ON STUDENTS

- Enhanced learning outcomes
- Increased student engagement & participation
- Development of critical thinking & problem-solving skills



Learning by Doing, Understanding for Life ♥





Thank You

We at **GSKV A-Block Janakpuri** strive to create a second home where every child is celebrated and nurtured with love to shine.

NURTURING HEARTS, INSPIRING MINDS

