DELHI PUBLIC SCHOOL VIJAYAWADA

(Under the aegis of The Delhi Public School Society, New Delhi)

Welcome, Students!

Get ready to explore, discover, and unlock
your potential through learning and curiosity.

The Age of AI

Artificial Intelligence & Machine Learning

Artificial Intelligence (AI) refers to the development of computer systems capable of performing tasks that typically require human intelligence. These tasks include learning, reasoning, problem-solving, understanding natural language, and recognizing patterns. AI is used in various fields such as healthcare, finance, robotics, transportation, and customer service, with applications like virtual assistants, chatbots, autonomous vehicles, and predictive analytics.

2025 JUNE

DELHI PUBLIC SCHOOL VIJAYAWADA
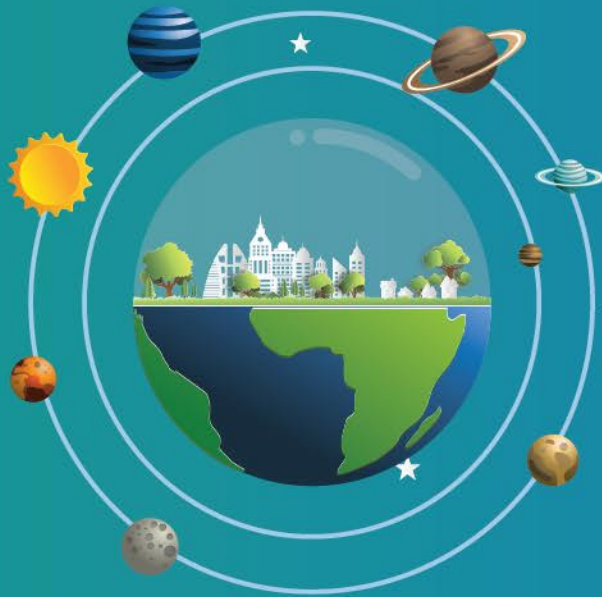*(Under the aegis of The Delhi Public School Society, New Delhi)*

JUNE 2025

SUN	MON	TUE	WED	THU	FRI	SAT
1	2 Teachers Reporting	3	4	5 World Environment Day	6	7 Bakrid
8	9 School Reopens	10	11 World Population Day	12	13 PPW-Father's Day	14 Second Saturday
15	16	17	18	19 Parent Orientation (LKG-V)	20	21 International Yoga Day, PTM for Classes 10 & 12
22	23	24	25	26	27	28
29	30 PPW Colours Day (Red, Blue, Yellow)					

IHC-Interhouse Competitions, **PP**-Pre-Primary, Periodic Assessment **(P.A.)**-(Class I to V) -Wednesday, (Class VI to VIII) - Saturday
Schedule of Exam and other events are liable to change

SPACE EXPLORATION

Space exploration is the investigation of outer space through the use of astronomy, spacecraft, and advanced technology. It has led to major discoveries about our solar system, distant galaxies, and the origins of the universe. From the Moon landings to Mars rovers and the James Webb Space Telescope, space missions continue to push the boundaries of human knowledge and inspire innovation on Earth.

2025 JULY

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JULY 2025

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2 Vibrations (I-V)	3	4 Violet Colour Day (PPW)	5 Investiture Ceremony
6 Muharram	7	8	9	10	11 Awards Ceremony PA-1(6-8) Field Trip (PPW); IHC- Bloom with Colours (I&II)	12 Second Saturday
13	14	15 On Campus Interaction (6-8)	16 PA-1 (1-5)	17 Drawing & Colouring Competition (PPW)	18 Indigo Colour Day (PPW); IHC- Little Voices, Big Expressions (I&II)	19 PA-1 (6-8), TERM-1(9 & 11) IHC-Eco Creations (VI-VIII)
20	21 TERM-1 (9 & 11)	22 TERM-1 (9 & 11)	23 PA-1 (1-5), TERM-1 (9&11)	24 TERM-1 (9 & 11) Field Trip (III-V)	25 TERM-1(9 & 11); IHC- Thumb Fun (I&II)	26 PA-1 (6-8), TERM-1 (9 & 11) IHC- Spelling Stars (Spell Bee) -(VI-VIII)
27	28	29	30 PA-1 (1-5)	31 Green Colour Day (PPW); Field Trip (I&II)		

House On Duty: 11th July-24th July-Brahmaputra House,25th July-7th August-Ganges House

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Quantum Physics

Quantum physics is the branch of science that studies the behavior of matter and energy at the smallest scales-typically at the level of atoms and subatomic particles. Unlike classical physics, it reveals that particles can exist in multiple states at once (superposition), influence each other instantly over distance (entanglement), and that outcomes can only be predicted probabilistically. It forms the foundation for technologies like semiconductors, lasers, and quantum computing.

20 25 AUG

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AUGUST 2025

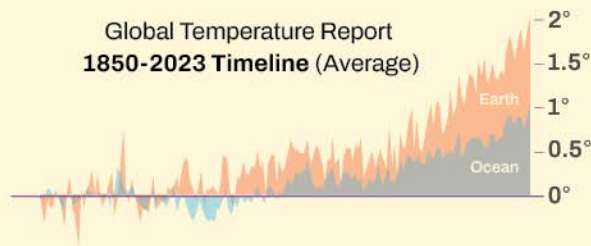| SUN	MON	TUE	WED	THU	FRI	SAT
31					1 Parent & Child Competition(PPW); (Best out of waste); IHC- Fancy Dress Competition (I&II)	2 PA-1 (6-8) IHC- Voice of Ideas (VI-XII)
3	4	5	6 PA-1 (1-5)	7 PA-1 (6-8) Orange Colour Day (PPW)	8 Varalakshmi Vratam	9 Second Saturday
10	11	12 On Campus Interaction(6-8)	13	14 Krishnastami Celebrations (LKG –V)	15 Independence Day	16 Krishnastami
17	18	19	20 Sampradaya-Vibes & Vigour (LKG-VIII)	21 PPW-Rhymes Recitation	22 Guest Lecture (IX & X), IHC- Shape It Up (I&II)	23 PTM-1 (for all classes) IHC- Mind Marathon (VI-XII)
24	25	26	27 Vinayaka Chavithi	28 Guest Lecture (XI & XII)	29 Telugu Day National Sports Day, Rainbow Day (PPW); IHC- Solo Dance Competition (I&II)	30

House On Duty: 8th August-21st August -Krishna House, 22nd August-4th September -Narmada House

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ENVIRONMENTAL SCIENCE

Environmental Science *is the study of the natural world and how humans interact with it. It combines biology, chemistry, geology, and other sciences to understand environmental issues like climate change, pollution, and resource management. The goal is to find sustainable solutions that protect ecosystems and improve the health of the planet.*

Global Temperature Report
1850-2023 Timeline (Average)

2°
1.5°
Earth
1°
0.5°
Ocean
0°

20
25 SEPT

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SEPTEMBER 2025

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5 Teachers Day, Milad-Un-Nabi	6 TERM-2 (XI&XII)
7	8 International Literacy Day, TERM-1 (6-8), TERM-2 (9-12)	9	10 TERM-1 (6-8), TERM-2 (9-12)	11	12 TERM-1 (1-8), TERM-2 (9-12)	13 Second Saturday
14 Hindi Diwas	15 TERM-1 (1-8), TERM-2 (9-12)	16	17 TERM-1 (1-8), TERM-2 (9-12)	18	19 TERM-1 (1-8), TERM-2 (9-12)	20 TERM-1 (1-8), TERM-2 (9-12) Garba Dazzle
21	22 Dussehra Vacation Starts	23	24	25	26	27
28	29	30				

House On Duty: 5th September -18th September -Brahmaputra House, 19th September-2nd October -Ganges House

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Bio-technology

Biotechnology is the use of living organisms or biological systems to develop products and technologies that improve human life.
It combines biology with technology to create advancements in medicine, agriculture, and industry - such as genetically modified crops vaccines, and biofuels.

20
25 OCT

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OCTOBER 2025

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2 Dussehra Vacation Ends, Gandhi Jayanthi	3 School Re-opens	4
5	6	7	8	9	10 Academic Expo	11 Second Saturday
12	13	14 On Campus Interation (6-8)	15 Field Trip (III-V)	16 World Food Day	17 IHC- Diya Decoration (I&II)	18 PTM-2 (for all classes) IHC-Star Vocalist (VI-XII)
19	20 Deepavali	21	22 Field Trip (I&II)	23 Revision Test-1 (Gr-12); Solo Dance Competition (PPW)	24 Revision Test-1 (Gr-12); IHC- Junior Juke Box (I&II)	25 Revision Test-1 (Gr-10 & 12); Curtain Call (VI-XII)
26	27 Revision Test-1 (Gr-10 & 12)	28 Revision Test-1 (Gr-10 & 12)	29 Vibrations (I-V)	30 Animal Adventure Day (PPW); Revision Test-1 (Gr-10 & 12)	31 Revision Test-1 (Gr-10 & 12); IHC- My Little TED Talk (I&II)	

House On Duty: 3rd October -16th October - Krishna House, 17th October-30th October -Narmada House

IHC-Interhouse Competitions, **PP**-Pre-Primary, Periodic Assessment **(P.A.)**-(Class I to V) -Wednesday, (Class VI to VIII) - Saturday

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ROBOTICS & AUTOMATION

Robotics and automation involve the design and use of machines to perform tasks with minimal human intervention. In industry, robots are used for precision, speed, and safety in tasks like manufacturing, assembly, and inspection. In everyday life, robots assist in areas such as healthcare, home cleaning, and personal assistance, improving efficiency and convenience.

20 25 NOV

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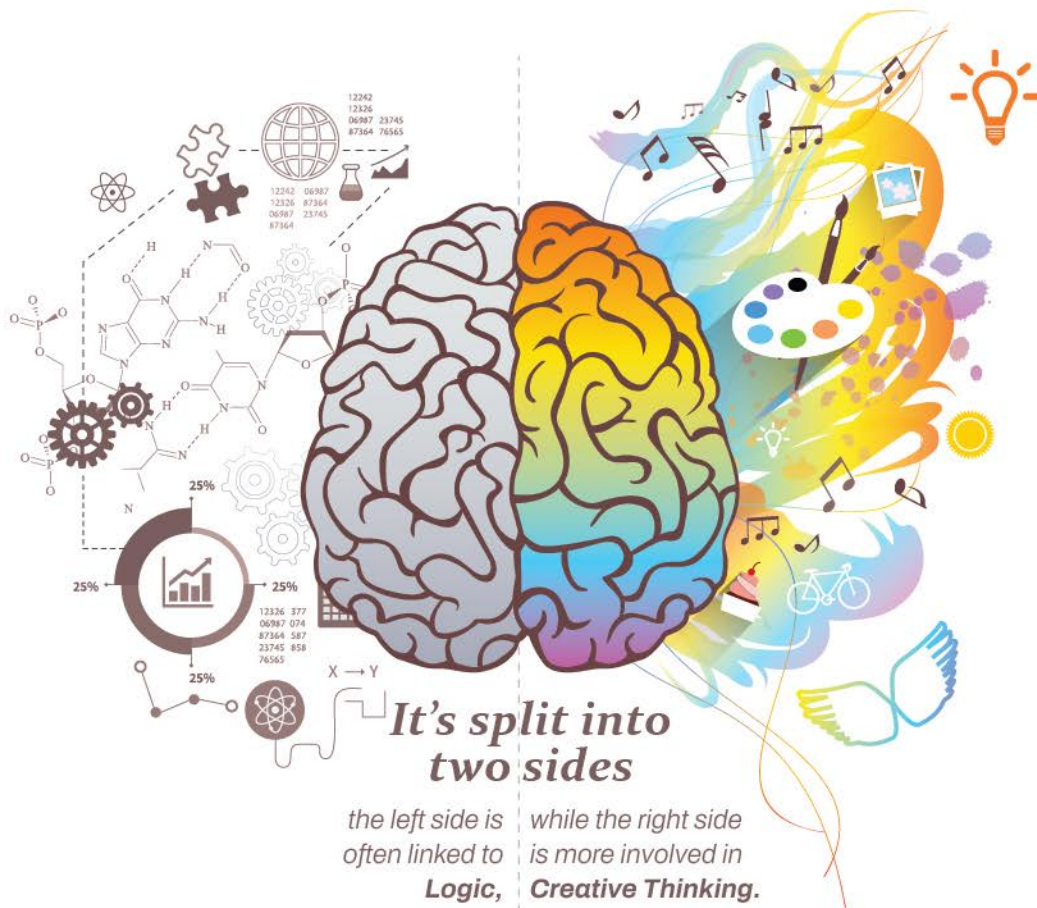*(Under the aegis of The Delhi Public School Society, New Delhi)*

NOVEMBER 2025

SUN	MON	TUE	WED	THU	FRI	SAT
30						1 IHC- Poetry Recitation (2L) (VI-XII); Revision Test-1 (Gr-10 & 12) PA-2 (6-8)
2	3	4 PA-2 (1-5)	5	6 Guest Lecture (IX & X)	7 PA-2 (6-8); IHC- Floral Fantasy Fest (Parent with Child) (I&II)	8 Second Saturday
9	10	11 Fancy Dress Competition (PPW)	12 PA-2 (1-5)	13 Guest Lecture (XI&XII)	14 Children's Day Celebrations, World Diabetes Day	15 PA-2 (6-8), Deck (VI-XII), Revision Test-2 (Gr-12)
16	17 Revision Test-2 (Gr-12)	18 Revision Test-2 (Gr-10 & 12)	19 PA-2 (1-5)	20 Revision Test-2 (Gr-10 & 12)	21 Revision Test-2 (Gr-10 & 12); IHC- Grandma's Tales (I&II)	22 PA-2 (6-8)
23	24 Revision Test-2 (Gr-10 & 12)	25 Revision Test-2 (Gr-10 & 12)	26 Revision Test-2 (Gr-10 & 12) PA-2 (1-5)	27	28 PA-2 (6-8); IHC- Memory Game (I&II)	29 Annual Sports Day

House On Duty: 31st October -13th November - Brahmaputra House, 14th November-27th November -Ganges House

IHC-Interhouse Competitions, **PP**-Pre-Primary, Periodic Assessment **(P.A.)**-(Class I to V) -Wednesday, (Class VI to VIII) - Saturday
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HUMAN BRAIN ACTIVITY

The human brain is a powerful organ that drives both creative thought and innovation. It enables us to imagine new ideas, solve complex problems, and develop technologies that shape our world. Through its intricate network of neurons, the brain fuels our ability to think outside the box and bring inventive solutions to life.

Cool Facts!!

⚡ Human Brain runs on electricity   🎆 It never sleeps

💨 Information travels fast   ☀️ It keeps changing

💾 It stores a lot [Virtually Unlimited]

It's split into two sides

the left side is often linked to **Logic,**

while the right side is more involved in **Creative Thinking.**

20/25 DEC

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DECEMBER 2025

SUN	MON	TUE	WED	THU	FRI	SAT
	1 PB-1 (10 & 12)	2	3 PB-1 (10 & 12)	4 Elocution Competition (UKG); Show & Tell Competition (LKG)	5 PB-1 (10 & 12)	6
7	8 PB-1 (10 & 12)	9	10 PB-1 (10 & 12)	11	12 PB-1 (10 & 12)	13 Second Saturday (Working Day), PB-1 (10 & 12)
14	15 PB-1 (10 & 12)	16	17	18	19	20 *Annual Day*
21	22	23	24	25 Christmas	26 Competency Based Test (1-5)	27 Competency Based Test (6-8), TERM-3 (9 & 11)
28	29 TERM-3 (9 & 11)	30	31 Competency Based Test (1-5) TERM-3 (9&11)			

House On Duty: 28th November -11th December - Krishna House, 12th December-25th December -Narmada House

IHC-Interhouse Competitions, **PP**-Pre-Primary, Periodic Assessment **(P.A.)**-(Class I to V) -Wednesday, (Class VI to VIII) - Saturday
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Renewable ENERGY

Renewable energy comes from natural sources that are constantly replenished, like sunlight, wind, water, and geothermal heat. Unlike fossil fuels, renewable energy is clean and sustainable, helping reduce pollution and combat climate change. It's a key part of building a greener and more energy-efficient future.

Solar, wind, hydro, fusion

20 26 JAN

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JANUARY 2026

SUN	MON	TUE	WED	THU	FRI	SAT
				1 New Year	2 TERM-3(9 & 11); IHC- Treasure from Trash(I&II)	3 Competency Based Test (6-8)
4	5 TERM-3 (9 & 11)	6 Story Telling Competition (PPW)	7 Competency Based Test (1-5); TERM-3 (9 & 11)	8	9 Competency Based Test (6-8), TERM-3 (9&11), Winter Carnival, Sankranti Celebrations (LKG-V)	10 Winter Carnival Second Saturday
11	12 Sankranthi Vacation Starts	13	14 Sankranthi	15	16	17 Sankranthi Vacation Ends
18	19 School Re-opens	20	21 Spelling Stars (Spell Bee) - (UKG); Competency Based Test (1-5)	22	23	24 Competency Based Test (6-8), PB-2 (10 & 12), PTM-3 (for all classes)
25	26 Republic Day	27 PB-2 (10 & 12)	28	29 PB-2 (10 & 12)	30	31 Competency Based Test (6-8), PB-2 (10 & 12)

House On Duty: 26th December - 8th January - Brahmaputra House, 9th - 22nd Jan - Ganges House, 23rd Jan-5th February Krishna House

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Digital Technology

The Internet connects billions of devices worldwide, making communication, information sharing, and online services easier than ever. However, this connectivity also brings risks, making cybersecurity essential. Cybersecurity protects systems, networks, and data from digital attacks, helping ensure privacy, safety, and trust online.

20 26 FEB

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FEBRUARY 2026

SUN	MON	TUE	WED	THU	FRI	SAT
1	2 PB-2 (10 & 12)	3 On Campus Interaction (6-8)	4 PB-2 (10 & 12)	5 Quiz Competition (UKG)	6 PB-2 (10 & 12)	7 PB-2 (10 & 12)
8	9 Graduation Day (UKG), Short TERM-END Break	10	11	12	13	14 Second Saturday
15 Maha Shivaratri	16	17	18	19	20	21 TERM-2 (1-8)
22	23 TERM-2 (1-8)	24	25 TERM-2 (1-8)	26	27 TERM-2 (1-8)	28

House On Duty: 6th February - 19th February - Narmada House, 20th February - 5th March - Brahmaputra House

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MEDICAL INNOVATION

Medical innovation has transformed healthcare through breakthroughs like vaccines and advanced medicines. Vaccines protect us from serious diseases by training the immune system, while new medicines treat conditions more effectively and with fewer side effects. These innovations save lives and improve health around the world.

40%

75%

100%

Lorem ipsum

Lorem ipsum

Lorem Ipsum

20 26 MAR

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MARCH 2026

SUN	MON	TUE	WED	THU	FRI	SAT
1	2 TERM-2 (1-8)	3	4 Holi	5 TERM-2 (1-8)	6	7 TERM-2 (1-8)
8	9 Graduation Day (UKG), Short TERM -END Break	10	11	12	13	14 Second Saturday
15	16	17	18	19 Ugadi	20 Ramzan	21
22	23 New Academic Year Begins	24	25	26	27 Sri Rama Navami	28
29	30	31				

House On Duty: 6th March - 19th March - Ganges House, 20th March - 2nd April - Krishna House

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FUTURE OF SCIENCE

WHAT'S NEXT?

Brain-computer interfaces (BCIs) allow direct communication between the brain and machines, enabling control of devices with just thoughts. This technology holds promise for helping people with disabilities and enhancing human abilities. Synthetic life, created using engineered DNA, mimics natural organisms and could revolutionize medicine, energy, and environmental cleanup. Both fields push the boundaries of science and redefine what's possible.

20 26 APR

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APRIL 2026

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3 Good Friday	4
5 B.J.R. Jayanti	6	7	8	9	10	11 Second Saturday
12	13	14 Ambedkar Jayanthi	15	16	17	18
19	20	21	22 Earth Day, Green Colour Day	23	24	25 Last Working Day, Subjective Aptitude Test (1 to 9 & 11)
26	27	28	29	30	30	

House On Duty: 3rd April - 16th April - Narmada House, 17th April - 30th April - Brahmaputra House

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We're excited!

to begin this journey of learning, growth and new opportunities together.