



ARYA VRITTANT

... Journalism At School



7990299732

18th June 2026, Thursday

www.davahmedabad.net

With discipline in our actions, dedication in our studies, and teamwork in our hearts, we can achieve excellence together.



IN THE WORLD OF AI, WHAT WILL MAKE HUMANS SPECIAL?

By Anu Lakhotia,
(Supervisory Head)

Teacher's Talk

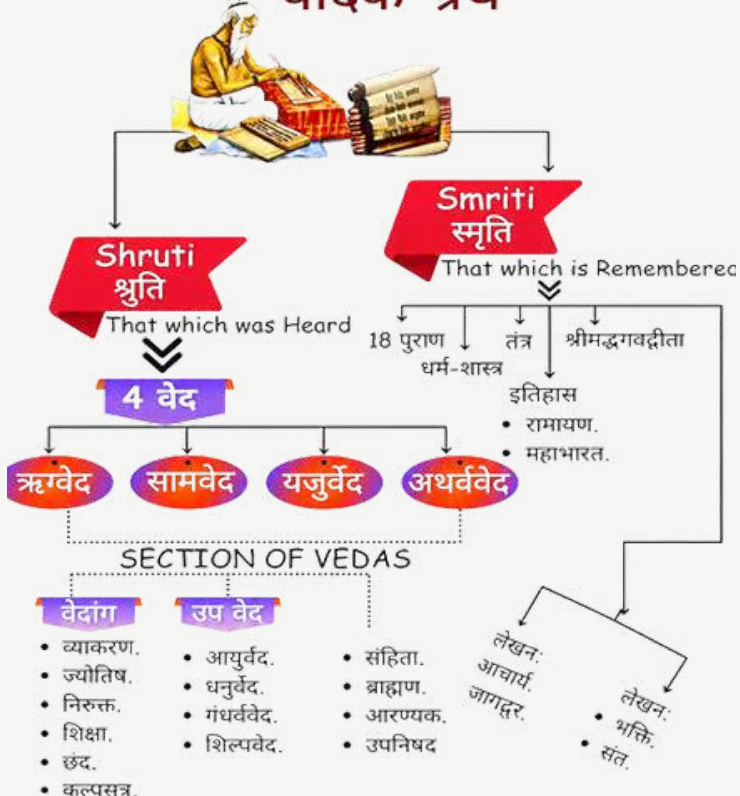
As a teacher, I see children growing up in a world very different from the one we knew. Answers that once took hours to find now appear in seconds. AI can explain a chapter, solve a sum, write a paragraph and suggest ideas. Yet, every day in my classroom, I am reminded that learning is not only about getting answers.

A child who helps a friend, asks a curious question, admits a mistake, waits patiently for a turn, or tries again after failing is learning something no machine can truly teach: how to be human. Perhaps what will keep us special is our ability to add a heartbeat to everything we do. AI can give the right words, but only a child can say "sorry" from their heart. AI can draw a flower, but only human hands can place one beside someone who is sad. AI may suggest an answer, but only humans can decide whether it is ethically right.

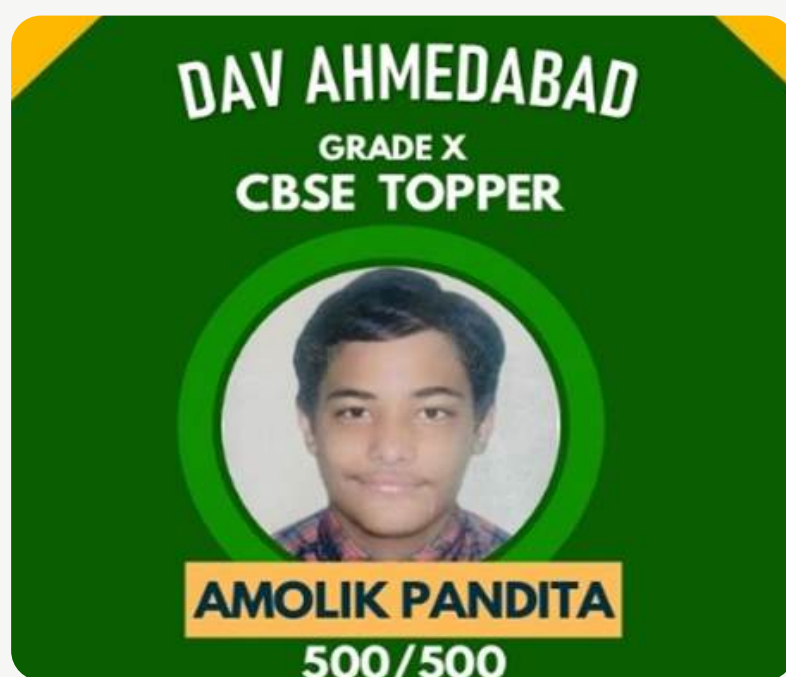
So, let us raise children who do not merely become smarter than machines, but be gentler, braver and wiser. Let them read, wonder, question, help, create, laugh, fail, try again and care deeply. For in the end, AI may learn from humans, but it cannot become one!

VEDA ILLUMINATED

वैदिक ग्रंथ



STUDENT'S SPOTLIGHT GRADE 10 CBSE TOPPER



Congratulations to Amolik Pandita for scoring a perfect 500/500 in SSCE, 2025-26 —like a comet blazing flawlessly across the academic sky. Consistent hard work, perseverance and determination to study CBSE course turned into light, your focus into fire, and your dreams into something tangible. You didn't just top CBSE; you composed a symphony of excellence. May this victory be the sunrise to even greater horizons ahead. Proudest moment for DAV International School, Ahmedabad.

YOUNG SCIENTISTS



Young Scientists Turn Waste into Resource: Students Explore Biochar from Pistachio Shells
Students of D.A.V. International School, Ahmedabad conducted an experimental study on producing biochar from pistachio shells for environmental applications. Guided by teacher Baishali Niyogi, the project was carried out by Shibanshu Nayak, Navya Mediratta, Chaitanya Vyas, and Sragvi Saxena of grade 9. The research was conducted in collaboration with L.D. College of Engineering, with active participation of alumni Shashwat Mundada and faculty member Ms. Vishwa. The study highlights how agricultural waste can be converted into a useful material for soil improvement and sustainable waste management.

ARYA SPEAKS

- All truth comes from God:** Whatever is real or correct exists because of His creation.
- Knowledge is discovered, not invented:** Humans find the truths God has already put in the universe.
- Human intelligence is God-given:** Our ability to think and learn is a gift from Him.
- True knowledge leads to goodness:** Anything that harms or deceives cannot be true knowledge.

YOUNG REPORTER – NATIONAL WINNER



Aditya Tokdar, 9D has been recognised as the National winner in the Young Reporters for the Environment (YRE) India National Competition 2025-26. The article represents a simple yet vital topic, climate change and food security in West Bengal. It is well known that West Bengal is a highly populated state and as climate becomes erratic, the food source for the millions of people. The article emphasizes on the impact of traditional foods, explanation and reason for their sudden disappearance and specific solutions or steps that can be taken. The article urges the people to be aware of their own states in their own country. It also portrays the cultural significance and heritage boasted by each and every single delicacy.

YOUNG SCIENTISTS



Hazel Thakkar of Class 3B shines at the prestigious International Theatre Festival organised by the National School of Drama. She played the lead role in WYSIWYG (What You See Is What You Get), a play exploring the effects of excessive screen time on a child's imagination. With expressive acting, Hazel brought to life a child's vivid inner world, reminding audience of creativity beyond screens. The play was selected under the Jashn-e-Bachpan section, marking a proud achievement. Representing PITARA, Hazel and her team received a memento, celebrating their talent, confidence, and inspiring performance on the national stage.

EARTHIAN-PARYAVARAN MITRA PROGRAMME



D.A.V. International School, Ahmedabad has been declared as the Best Regional School on the theme Water at the Earthian-Paryavaran Mitra Programme 2025. Students Adhya Sharma, Navika Banerjee, Vyakhya Vaishnav, Shreeya Kamat, Aarushi Jain, and Misha Moonat participated under the mentorship of Ms. Baishali Niyogi, (TGT Science).



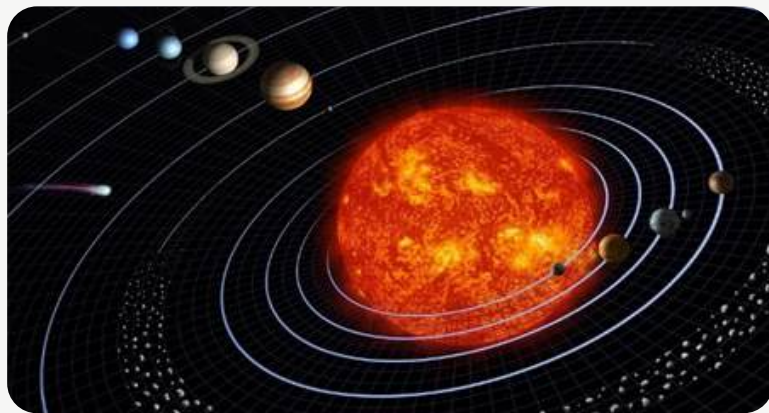
YOUNG RESEARCHERS

From Zebrafish to Surgery
By Havisha Sharma (9C)



The zebra fish, a tiny striped fish often seen in aquariums, plays an important role in modern biomedical research. Scientists study it to understand cardiovascular diseases (CVDs), which are increasing rapidly worldwide. Diseases such as heart attacks, heart failure, and cardiomyopathy damage heart muscle cells called cardio myocytes. In humans, these cells stop dividing after birth because increased oxygen levels create Reactive Oxygen Species (ROS), which can damage DNA. To prevent harmful mutations, the cells grow larger instead of multiplying. As a result, when a heart tissue is damaged, scars form instead of new cells, causing irregular heartbeats and poor recovery. For many years, scientists believed lost heart cells could never regenerate. However, zebra fish proved otherwise. Remarkably, zebra fish can regenerate up to 20% of their heart within 30 to 90 days. Healthy cardio myocytes move to the injured area, divide rapidly, and temporarily return to a younger state through a process called dedifferentiation. Their immune system also prevents permanent scar formation. Because zebra fish shares about 70% of human genes, researchers hope their regenerative abilities may someday help develop advanced therapies and surgeries for human heart patients worldwide.

My Epic Adventure through the Solar System
By Naitik Sukhvasiya, 9C



Hello, space fans! The solar system is an incredible neighborhood where the Sun is the eldest. It formed 4.6 billion years ago from a swirling cloud of gas and dust known as a nebula. Gravity condensed it into the Sun at the center, with planets, moons, asteroids, and more orbiting in the same direction. There are eight planets, along with many dwarf planets and mysteries. Let's go and explore them together!

The Blazing Sun and Inner Planets

The Sun is a G-type star that fuses hydrogen into helium to produce light. Its diameter is almost 1.4 million km, which is more than 100 Earths combined. It emits solar wind, a stream of charged particles that creates auroras on Earth. Without the Sun's gravity, we would drift off into space.

Mercury is the faster planet, orbiting in 88 days and spinning so slowly that a day there lasts 59 Earth days. It shrinks like a raisin and has huge cliffs from cooling. Venus has acid rain; its atmosphere is 96% CO₂, which causes a runaway greenhouse effect. It is brighter than any star visible from Earth. A fun fact about Venus is that it rotates backwards. Earth's surface is covered with 71% water and has a magnetic field that protects us from solar radiation. Plate tectonics create mountains. Our Moon stabilizes tides, which gives us seasons. Mars looks rusty due to iron oxide and holds the tallest mountain in the solar system, Olympus Mons, which is 22 km high. It also has Valles Marineris, a canyon four times longer than the Grand Canyon. Rovers like Perseverance search for ancient microbes.

Asteroids, Gas Giants, and Beyond

The asteroid belt contains over a million rocks, including the dwarf planet Ceres, which may have water ice. Jupiter is the largest planet at 11 times Earth's width, has a strong magnetic field that generates radio waves. Its Great Red Spot storm has been active for 400 years. Jupiter has 95 known moons, including Io, which has volcanoes, Ganymede, the largest moon with its own

magnetic field, Callisto, which is heavily cratered, and Europa, which may have a subsurface ocean, meaning there is a possibility of life occurring in the moon or life already existing there as tiny micro organisms.

Saturn is less dense than water, so less dense that it can float on a bathtub. It has 146 moons. Titan one of its moon has a thick atmosphere, methane rivers, and dunes, NASA's Dragonfly drone will explore it in 2028. Uranus is tilted 98 degrees, possibly due to a massive impact, and has faint rings along with 28 moons. Neptune's winds reach speeds of 2,100 km/h, the fastest in the solar system. Triton, its moon, shoots nitrogen geysers and orbits in the opposite direction.

Outskirts and Explorers

Pluto was demoted in 2006 and features heart-shaped ice plains along with a thin atmosphere that snows when it gets close to the Sun. The Kuiper Belt includes dwarf planets like Eris, which is heavier than Pluto. Haumea, which is football-shaped and spins rapidly, and Makemake. Beyond that lies the Oort Cloud, which is 2 light-years wide and sends comets our way, such as Halley's every 76 years. Several probes have explored our solar system: Pioneer and Voyager left its boundaries, with Voyager 1 entering interstellar space in 2012. New Horizon took pictures of Pluto, Juno is in orbit around Jupiter, and the James Webb Telescope observes distant events. The solar system is full of wonders—black holes nearby and possible alien life. It makes homework feel minor. What's your favorite planet after finding out facts about all the planets? Now hey! young minds, can you guess the crossword puzzle based on the above article written by me!...let's have an astronomical adventure.

CROSSWORD

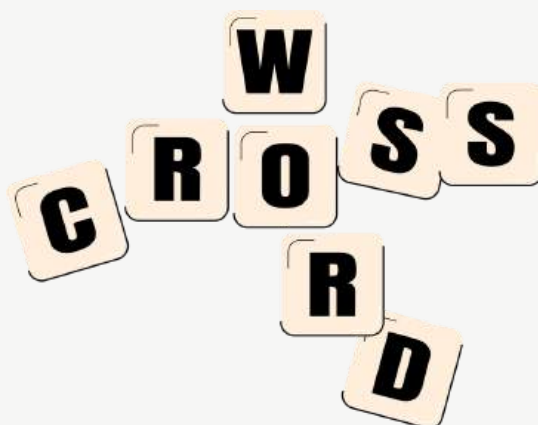
CLUES

Down

- 2 Saturn moon with methane rivers
- 4. Largest moon has magnetic field
- 7. Sun's stream of charges particles

Across

- 1. Cloud of icy comets far out
- 3. Solar system former ninth planet
- 5. Mars rover hunting microbes
- 6. Hottest planet with acid rain
- 8. Jupiter's raging storm
- 9. Plobe that visited pluto



EYE TO EXPLORATION

Watch interesting topics on science through link Link For science AI videos

- 1. <https://www.instagram.com/reel/DL5NoRtTLQr/?igsh=MWw2bXpydjkhKNTF6ZA>
- 2. <https://www.instagram.com/reel/DQ3ze4NjB1a/?igsh=ZXJldzZzMWNPmNpi>
- 3. https://www.instagram.com/reel/DN_npZ4jFV-/?igsh=NDlhM2poeDEIZXEI



Antibiotics: "HANDLE WITH CARE" By – Ananya Robins, 9C

For decades, we have relied on antibiotics as a quick and easy solution for common illnesses like fever, cold, and flu, often taking them even before consulting a doctor. This growing comfort, however, has come at a serious cost. One of the biggest consequences is Antimicrobial Resistance (AMR), a condition in which germs like bacteria and fungi develop the ability to defeat the drugs designed to kill them. In simple terms, frequent and unnecessary use of antibiotics trains these microorganisms to become stronger and resistant, making medicines ineffective over time. As a result, infections become harder to treat, recovery takes longer, and the risk of severe illness, disability, and even death increases. Today, AMR is considered one of the top global public health threats, responsible for 1.27 million deaths directly and contributing to nearly 4.95 million deaths worldwide in 2019 alone. The situation is becoming more alarming, with estimates suggesting that by 2026, AMR contributes to over 4.7 million deaths annually, and by 2050, this number could exceed 8 million. Beyond health impacts, AMR also carries a massive economic burden globally. The main reason behind this crisis is human behavior—misuse and overuse of antibiotics in humans, animals, and agriculture. If this continues, even routine medical procedures like surgeries or chemotherapy could become extremely risky due to untreatable infections. However, this crisis can still be controlled if we act responsibly.

- Avoid self-medication, only take antibiotics when prescribed by a qualified doctor.
- Always complete the full course of treatment even if we feel better, trust medical advice when antibiotics are not needed.
- Practicing proper hygiene, wash hands regularly for at least 20 seconds, stay updated with vaccinations.
- Avoid spread of infections by staying home when sick, and taking care of wounds can significantly reduce the need for antibiotics.

Antibiotics are a precious resource, and if not handled with care, we risk losing their effectiveness forever. Let us act today with responsibility and awareness to ensure a healthier, safer future for generations to come.



BEST OUT OF WASTE, INGENIOUS ROCKET MODEL, MADE BY TEACHERS – VEDAGINI – X



Our two creative teachers, Sagarika Mishra and Susmita Jalota prepared Vedagini an ingenious model of rocket and Carbon capture and conversion system model by synthesizing it from "Best out of Waste", transforming discarded materials, like RO candle and other items into meaningful creations. The rocket model and co2 utilization project highlights, smart, eco-friendly approach, symbolizes innovation, Sustainability and progress for a green future.

RHAPSODIES



Nature
By Naaisha Shah, 8A

Sitting in a sky of hush,
Almost a life of lush.
Take a pause and stare at nature,
You'll find a peaceful creature.

Stay still and deeply quiet,
Maybe you'll shine bright.
Sit beneath the shadow of a tree,
It'll make you stress-free.

Deep and dark in the caves,
Hear the silent voice of waves.
Take a pause and stare at nature,
You'll find a peaceful creature.

Observe the moon full of light,
You'll stare at it for a long night.
Let's save the rolling tide,
It'll make your green future wide.

**डी.ए.वी. पाठशाला
एका मार्गदर्शिका माता।
Sanskrit poem By Chetas Shah, 9c**

सान्निध्ये प्रकाशं पथं मानवीयं विद्या,
मार्गदर्शनेन आकारं सृष्टुं प्रयाति विद्यार्थी॥

सान्निध्यं संस्कारस्य,
मम डी.ए.वी. माता, भवेत् मम गुरुरिव।

त्वं सदा शक्तिदायिनी,
त्वं सदा मार्गदर्शिनी।
नित्यं विशेषं श्रेयः,
सहयोगं महत्त्वम् अपारम्॥

ममतामयी अत्र, सहयोगः महत्त्वम् अस्ति।
विद्यालये शिक्षा अपारम्,
सर्वदा अध्ययनं, अभ्यासः।
मम प्रत्येकः प्रयासः प्रेरणीयः अस्ति।
आयोजनानुष्ठाने छात्रेभ्यः जागरूकतां करोति।
डी.ए.वी. विद्यालये मम कौशलं प्राप्नोमि।

मार्गदर्शिका माता त्वं जीवने वर्तसे अनन्या।
सहविद्यालयाः ते पठने प्रोत्साहकाः।
डी.ए.वी. विद्यालयेन सह मम
स्मरणीयानि अनुभवाः सन्ति॥

कवितायाः भावार्थः (संस्कृतम्):
एषा कविता डी.ए.वी. विद्यालयस्य महत्त्वं दर्शयति।
एषः न केवलं शिक्षास्थानम्, किन्तु संस्कार, अनुशासन,
नेतृत्वं च निर्माणस्य प्रमुखं स्थानम् अस्ति।

EYE TO EXPLORATION

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1. <https://www.instagram.com/reel/DL5NoRtTLQr/?igsh=MWw2bXpydjkhNTF6ZA>
2. <https://www.instagram.com/reel/DQ3ze4NjB1a/?igsh=ZXJldzZzMWNPmNpi>
3. https://www.instagram.com/reel/DN_npZ4jFV-/?igsh=NDIhM2poeDEIZXE1

MNEMONICS BY Monica Sharma



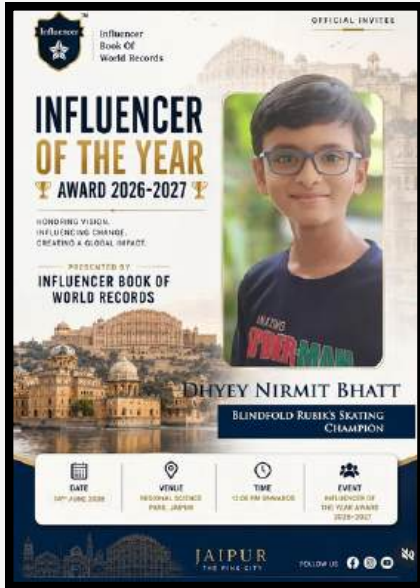
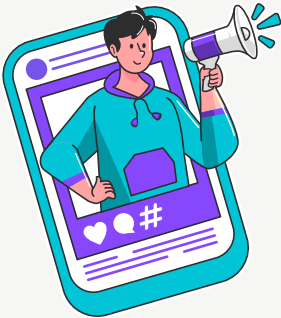
1. Trick to remember the 8 Indian states through which the Tropic of Cancer passes - "Magarmach Jhapata" (मगरमच्छ झपटा) .

Here is how the mnemonic breaks down:

- Ma - Madhya Pradesh
- Ga - Gujarat
- R- Rajasthan
- M - Mizoram
- Chh - Chhattisgarh
- Jha - Jharkhand
- Pa - West Bengal (Paschim Bengal)

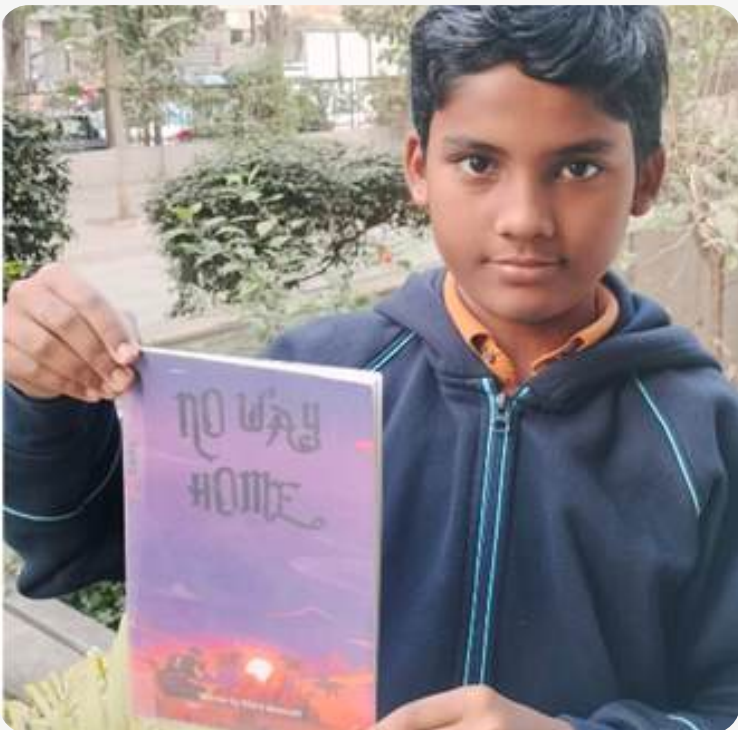
2. Trick to remember North Indian States: "Aruna mami has ATM"

- Aru - Arunachal Pradesh
- Na- Nagaland
- Ma- Manipur
- Mi - Mizoram
- HAS
- A - Assam
- T- Tripura
- M- Meghalaya



Dhyey Nirmut Bhatt of Grade -5 of our school will be awarded influencer of the year Award 2026-27 at Jaipur today. DAV Ahmedabad is proud of his achievements.

Young Author of DAV



No way home is an adventure-themed book written by Nikhil Pramodh. The story features a 9-year-old boy and his neighbor, Philipp Jackson, who is one year older. The narrative begins by introducing their life as neighbors and philipp's family activities, such as his father's hobby of duck hunting on Sundays. As the first book by the author, it centers on an unexpected adventure that challenges the characters.

Sr no.	Book	Details
1	Book name;	No way home
2	Book published on	Sep 17, 2025
3	Company's name	Bribooks
4	Author's name	Nikhil pramodh
5	Book will be sold on	Bribooks platform
6	Cover illustration by	Bribooks

ACKNOWLEDGEMENT BY PRERNA

Savit, a Grade 12 student of D.A.V. International School, Ahmedabad and a participant of PRERNA Batch 3, had the opportunity to visit the PRERNA School of Experiential Learning, Vadnagar, on 13 March 2026. During the visit, he interacted with ministry officials and shared how the PRERNA programme had positively transformed his outlook and personality. He also highlighted how D.A.V. International School, Ahmedabad has incorporated the learnings and insights gained from PRERNA through unique initiatives such as the IIT Madras School Connect Programme, the Gayatri Mantra Research Paper, the BYOB (Bring Your Own Box) initiative on Children's Day, and the Godhavi Village Cleanliness Drive.



TITLE: Global Horizon Spotlight



Let's cruise through some general awareness questions...ready!

- 1.Question: Which Indian city is hosting the 78th Army Day Parade in 2026?
- 2.Question: Which international body recently flagged certain Indian cough syrups as "substandard"?
- 3.Question: Which country is the co-host of the 2026 FIFA World Cup along with Canada and the USA?
- 4.Question: Which Indian state's traditional Soliga tribe was recently highlighted for their unique conservation model?
- 5.Question: Which country became the first to grant legal rights to Amazonian stingless bees in early 2026?

L	T	E	O	C	D	T	W	E	P
F	U	E	I	V	F	H	H	F	I
G	T	D	L	B	U	J	O	H	Y
J	Y	F	H	N	G	R	Z	M	F
U	U	S	K	I	H	L	E	J	D
Y	I	E	J	M	A	X	X	P	G
R	I	Y	Y	D	I	N	C	K	H
F	K	T	H	C	H	M	A	I	J
Y	M	G	O	W	N	H	G	O	R
A	K	I	T	A	N	R	A	K	W

Check for solutions on the last page.

SCIENCE DETECTIVE: IDENTIFY THE ERROR!

Observe both pictures carefully and identify the errors in Picture B.

PICTURE A (CORRECT)

LAB SAFETY

- Wear goggles
- Tie your hair
- No eating or drinking
- Handle equipment carefully

PICTURE B (WITH ERRORS)

LAB SAFETY

- No goggles
- Loose hair
- Eat and drink
- Play in the lab

Sl. No.	Error Identified	Why is it incorrect?	Correct Concept
1.			
2.			
3.			
4.			
5.			

CHALLENGE CORNER

Can you create your own faulty diagram to challenge your classmates?
Bonus: Link your errors to a real-life situation (e.g. wrong lab setup, incorrect food chain, faulty circuit).

REFLECTION SPACE

What did I learn from this activity?

POWER TAGLINE

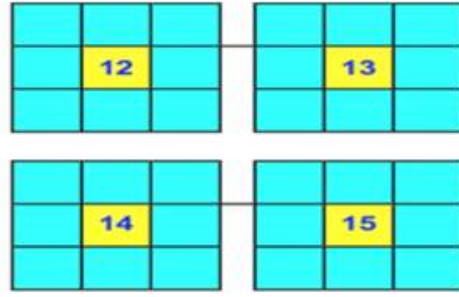
"Science sees what others miss."

THINK BEYOND!

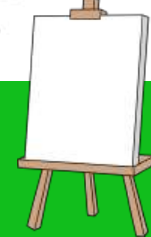
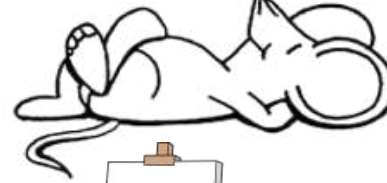
How can such small observational errors lead to major scientific misconceptions in real-life experiments or studies?

TONGUE TWISTER, by sindhu Santosh

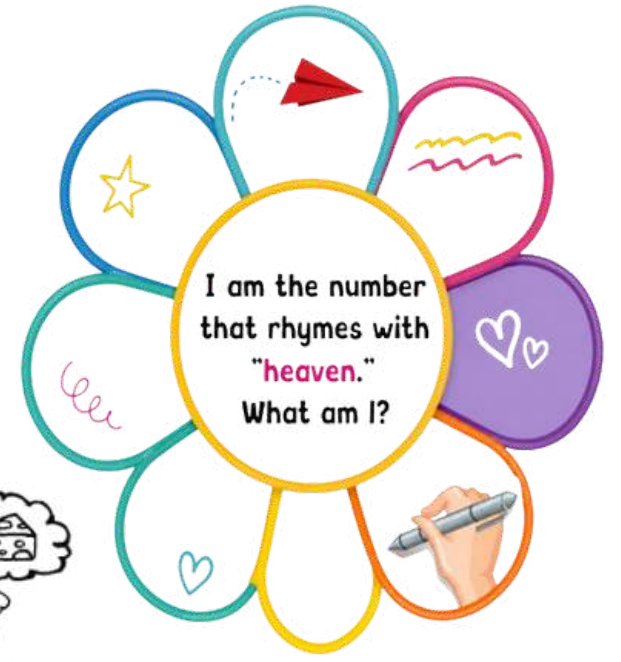
Twenty teachers
telling tale of
twelve thieves
thrilled the tiny
toddlers
throughout
Thursday.



Can you put the number 1 to 8 in each of the squares so that each side adds up to the middle number?



MATHOPEI



ART IN MY HEART

MATHOMETER

Multiply with Joy, Measure with Confidence!

1. WRITE THE NUMBERS

23 45

100 1

23 × 45

2. MULTIPLY OUTER NUMBERS

23 45

100 1

2 × 5 = 10

Hundreds digit = 10

3. MULTIPLY INNER NUMBERS

23 45

100 1

3 × 4 = 12

Tens digit = 12

FINAL ANSWER

23 45

100 1

23 × 45 = 1035

4. ADD THE TWO RESULTS

10 + 12 = 22

23 × 45 = 1035

10 12 0

100 100 100

23 45

23 × 45 = 1035



Shriya Nagar, a student of Grade X D at DAV International School, presented her paintings of Kedarnath and Shrinathji in the exhibition as an expression of devotion and timeless spirituality. Kedarnath reflects the quiet strength of the Himalayas, where divinity feels vast, raw, and deeply grounding—this piece was especially meaningful, and the Kedarnath painting was sold. In contrast, Shrinathji embodies a more intimate and playful presence, rich with grace, color, and divine charm. Through these works, she sought to capture not just sacred places, but sacred emotions.

TITLE: Global Horizon Spotlight answer

1. Ludhiana
2. WHO
3. Mexico
4. Karnataka
5. Peru



DAV international school, Ahmedabad, student Akshaj Solanki of Class 8B, exhibited his paintings in KALA PRADARSHAN 2026, art exhibition which was held at Makhoute Art Gallery, Ahmedabad. He showcased his magnificent artwork at event.



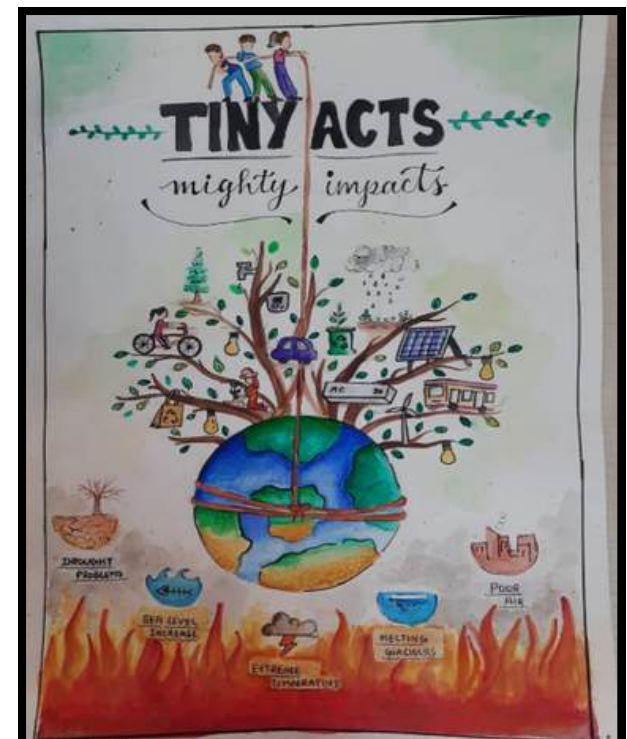
RIDIT AGARWAL 8D



HEER PARIKH 8B

DAV EDITORIAL TEAM

Content: Ragini Gupta, Hetal Vora, Shilpa Khandelwal, Pooja Sharma, Gaurav Vaidya and Rushika Gorfad, Baishali Niyogi
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Designed by: Jigna Panchal
Printed By: Anu Lakhotia
Conceptualized By: Deepak Gautampurkar



RUDRAKSHI KORADIA 8E