

The Communique

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Cambridge Assessment
International Education
Cambridge International School

APPLE DISTINGUISHED SCHOOL FELICITATION CEREMONY



SCAN & WATCH



The Apple Distinguished School Felicitation Ceremony on October 21 celebrated Pavna International School's achievement as an Apple Distinguished School. Esteemed guests Chairman Mr. Swapnil Jain, Vice Chairperson Mrs. Priya Jain, Director Emeritus Professor KVSM Krishna, Head of Education at Apple India Mr. Hitesh Shah along with other representatives from Apple India, presided over the ceremony. Their participation highlighted the significance of innovation in education and the school's commitment to a technology-rich learning environment. The event also featured active involvement from parents, members of the SLT, teachers, and students, showcasing a unified community supporting the school's vision and accomplishments.

The ceremony commenced with a warm welcome, followed by a traditional Ganesh Vandana featuring a beautifully choreographed dance. Principal Ms. Aarti Nigam, addressed the gathering, expressing her deep appreciation for the achievement of becoming an Apple Distinguished School. She emphasised that this recognition

reflects the management's vision and commitment, and the curiosity and enthusiasm of the students, along with the steadfast support of the parents and unwavering dedication of the teachers.

Chairman Mr. Swapnil Jain, congratulated the team emphasising the importance of leveraging technology to enhance the learning experience and prepare students for the future. Head of Education at Apple India Mr. Hitesh Shah, further underscored the need to integrate innovative solutions to foster creativity. The certification was awarded to the core team, recognising their exceptional efforts and commitment to excellence.

The ceremony concluded with expressions of gratitude to the esteemed guests, parents, and faculty for their unwavering support. This memorable event celebrated a significant milestone and underscored Pavna International School's commitment to providing an innovative educational experience. As the school looks ahead, this celebration marks a pivotal moment in its journey towards excellence in education.



Aarti Nigam - Principal

Pavna International School Earns Apple Certification for 2024–2027

Pavna International School has proudly earned the prestigious Apple Certification for 2024–2027, a significant milestone in its journey towards educational excellence and innovation. This recognition highlights the school's commitment to integrating cutting-edge technology into the learning experience, setting a high standard for schools in India.

The path to this achievement began when the school's leadership, led by Swapnil Sir, set an ambitious goal to become one of Apple Distinguished Schools. With a clear vision in place, a dedicated team of teachers embarked on intensive training with Apple. They learned how to integrate Apple tools—such as Keynote, Numbers, Pages, iMovie and GarageBand into everyday lessons, transforming the classroom experience.

As a result, students began creating engaging presentations, analysing data in new ways, and producing creative videos, all while developing critical digital skills. This approach fostered greater student engagement, collaboration, and creativity, preparing them for success in an increasingly digital world.

The Apple Certification

recognises the school's progress in using technology to enhance learning, encourage problem-solving, and equip students with the skills needed to thrive in the future.

I would like to take this opportunity to extend my sincere thanks to the management, parents, teachers, and students for their invaluable contributions to this achievement. It is their unwavering support and dedication that have helped make Pavna International School one of the top Cambridge schools.

Looking ahead, the school plans to explore new frontiers of technology, including augmented reality, to further enhance the learning experience. This achievement is just the beginning of Pavna International School's journey towards continued innovation and excellence in education.

"Technology can become the "wings" that will allow the educational world to fly farther and faster than ever before – if we allow it." – Jenny Arledge



Michael Leahy - Vice Principal

Arguably, we now understand more about climate change than our parents and grandparents did when they were our age. Our challenge and dilemma are that even though we may think we know and understand more, it is difficult to know what to do and how to act in the face of this knowledge. It almost feels as if we are overwhelmed with the challenge of slowing down some of the effects of climate change – rising sea levels, depletion of the ozone layer, water system quality degradation, soil erosion, natural habitat destruction, to mention a few.

One simple, familiar principle to adhere to is "to think globally, but act locally". And many of us do this. We try to recycle, reduce and reuse materials at home, at school and at work. When we recognise that the Earth is our shared home, we can appreciate that our small actions where we live can have a ripple effect across the wider community and ultimately across the whole world. One of our Cambridge attributes is being "Responsible". This is particularly applicable in our own response to climate change: how responsible am I being in responding to the harmful consequences of climate change? Moving beyond knowledge and understanding of climate change, is the need for 'actions' and 'responsibility'. In the future, we will all be judged not by how much knowledge we gained about climate change, but rather what we did with that knowledge as reflected in our responsible actions.

"SUSTAINABLE LIVING"

MAKE THIS EARTH, OUR HOME

*Our "LIVING STANDARDS"
mark a huge impact on
nature. Let's take a step for
"A BIG CHANGE"*



SCAN & WATCH



Nupur Sinha - Head Of Primary

Small Footprint, Big Impact!

A change often begins with small actions and grows through collective contributions, some leading to visible changes around the world and some at a local level in our immediate surroundings. Our primary school too is experiencing a transformation through the development of students' skills and Cambridge attributes: Confident, Engaged, Responsible, Reflective, and Innovative.

Cambridge learners are encouraged to be Engaged, developing intellectually and socially. The inter-house photography competition on 'learning spaces' showcased their enthusiasm and school pride. Students displayed creativity, confidence, and collaboration in the 'Delight-in-a-Dot' art festival. They enhanced motor skills by undertaking non-fire cooking and also celebrated India's 78th Independence Day with fervour.

Confidence empowers students to express themselves and take on new challenges. The inter-house English elocution competition helped them overcome public speaking inhibitions, while student-led assemblies provided regular opportunities to share their thoughts. The 'Welcome Assembly' saw students confidently answering clues to 'guess their

teachers.'

Students are becoming Responsible for their learning and behaviour and are being encouraged to be respectful and self-aware. A puppet show by Early Years teachers highlighted the importance of caring and humility. They further pledged to make healthier lifestyle choices. The whole school student council this year shall comprise young leaders representing the Primary wing of the school.

Being Reflective not only helps students develop their ability to learn but also allows them to develop a deeper understanding of the content being covered. They celebrated International Tiger Day and saluted authors in both English and Hindi for sharing knowledge through books.

Innovation is encouraging original ideas in all learning areas. Hands-on experiences, like science experiments, make learning engaging. Students repurposed household items into pots for planting saplings and wore can-lid badges for Earth Day. The students make the most of their time in the Design and Technology Lab coming up with products such as lockable piggy banks and movable robots.

In PIS's primary wing, enhancing skills and adapting to new patterns is ongoing. Our focus on Cambridge attributes has been pivotal in positively changing our school's environment. The positive changes are a testament to the dedication of our students and teachers, preparing them to be successful, conscientious global citizens.

CONGRATULATIONS

Newly Elected Student Council

2024-25

HEAD BOY

AARJAV JAIN - STAGE 10

HEAD GIRL

SAANVI AGARWAL - STAGE 10

SPORTS CAPTAIN

OJASV GOYAL - STAGE 10

CAPTAIN - GARNET HOUSE

GOURI YADAV - STAGE 10

CAPTAIN - EMERALD HOUSE

DISHIKA AGARWAL - STAGE 9

CAPTAIN - MALACHITE HOUSE

HAFSA AHMED - STAGE 12

CAPTAIN - SAPPHIRE HOUSE

MISTHI JAIN - STAGE 10

PREFECT - GARNET HOUSE

VARNIT RAGHUNATH - STAGE 4

PREFECT - EMERALD HOUSE

VIHAAN JAIN - STAGE 5

PREFECT - MALACHITE HOUSE

JAHNAVI GARG - STAGE 5

PREFECT - SAPPHIRE HOUSE

LAVANYA SINGH - STAGE 6

WELCOME TO MY CLASSROOM

Dance Studio - A Creative Heaven for All Ages



Welcome to the vibrant world of our Dance Studio! Our studio is a hub of energy and creativity where students from both primary and secondary levels immerse themselves in the art of dance. We offer a diverse range of dance forms, including classical, contemporary, and folk styles, catering to the varied interests of our students. Our dance programs are not just about learning steps; they are about performing in various events and programs that showcase the skills and passion of our students. Primary students eagerly anticipate their dance classes each day and are rewarded with appreciation badges for their performances, encouraging their enthusiasm and dedication.



Additionally, our studio embraces technology to enhance learning. We have introduced the app "Just Dance Now," which allows students to scan a QR code and connect their iPads to various dance forms, thereby improving their visualisation skills and understanding of different styles.



At our Dance Studio, students emerge more confident and responsible. Each lesson is infused with innovative ideas as students engage in pair work and group projects, which further enriches their dance experience. The reflective nature of their work ensures continuous growth and engagement.



Secondary students take their dance experience a step further by integrating dance with other subjects such as science, global perspectives, and art. This interdisciplinary approach allows them to explore and connect their dance learnings with broader educational concepts. In the recent months our secondary students embarked on an innovative project themed around climate and aligned with the Cambridge objectives. They integrated dance with global perspectives and art by first creating detailed outline maps of India, highlighting key physiographic divisions such as the northern mountains, deserts, and plateaus.

Students then sketched these features, including deserts, rivers, and hills. These sketches served as inspiration for choreographing dance routines that mirrored the natural elements they had illustrated. This creative endeavor not only showcased their understanding of the geographical landscape but also demonstrated the Cambridge attributes of inquiry, creativity, and reflection. The project culminated in a successful presentation where students received commendation based on clear success criteria, reflecting their ability to connect artistic expression with educational content.

Our students consistently demonstrate remarkable confidence and skill during various school events, embodying the essence of their dance education. They perform with poise and enthusiasm, capturing the essence of their hard work and dedication. As our dance instructors aptly put it, "The stage is where our students truly come alive, transforming their practice into powerful expressions of creativity and confidence." Their performances are a testament to their growth, showcasing not only their technical abilities but

also their commitment to artistic excellence. Each event serves as a platform where their hard work is rewarded, and their passion for dance shines brightly.

"Performance is the ultimate expression of our passion and hard work." At various school events, our students embody this sentiment with exceptional skill and confidence. Their captivating dance routines, whether solo or in groups, reflect their dedication and versatility. Each performance is a testament to their rigorous training and commitment, leaving a lasting impression on audiences and showcasing the remarkable progress they have made.

"Navarasa, the nine emotions, are the soul of classical dance," as is often celebrated in our dance community. Recently, our primary students embodied this philosophy in a captivating performance, showcasing the nine distinct expressions through their dynamic movements. Their portrayal of various emotions demonstrated a deep understanding of classical dance and highlighted their ability to convey profound emotional depth.



SOUMYADIP BANERJEE

SECONDARY TEACHER - DANCE

Our secondary dance program has been a vibrant hub of creativity and exploration. Our students have been enthusiastically diving into a range of dance styles, from the elegance of contemporary to the dynamic energy of classical. A key highlight has been the integration of dance with other academic subjects through collaborative projects. These interdisciplinary efforts enhance their dance skills and encourage them to connect their learning in innovative ways. Witnessing students apply their knowledge from various subjects to their dance work has been incredibly rewarding. We look forward to the upcoming events that will highlight our students' creativity, growth, and talent.



RAJYASREE GHOSH

PRIMARY TEACHER - DANCE

In our primary dance program, we have been embracing the joy and wonder of movements with our young dancers. Our students have been exploring a range of dance styles, from playful creative movements to foundational steps in folk and freestyle dance. Each class is filled with a sense of accomplishment as they master new skills and routines. This semester, we have also introduced different projects, these creative projects allow students to connect their dance experiences with other areas of learning, fostering a richer and more engaging educational experience. Their growth in confidence and creativity is a testament to their hard work and enthusiasm.

DISHIKA AGARWAL

STAGE 9

Dancing is a powerful expression of the body, mind, and soul. It helps me unwind after a busy day, clears my mind, and boosts my energy. Over the years, it has also increased my confidence. At PIS, we don't just follow a teacher's choreography; we create our own dances and collaborate with other subjects through projects. This not only enhances our creativity but also strengthens our critical thinking skills, making the experience both enjoyable and rewarding.

LAVANYA SINGH

STAGE 6

I enjoy learning dance because of the dance room and my teachers. The room is vibrant, with colourful descriptions on the walls, and spacious enough for group performances. Mirrors help us correct our movements, while our teachers guide us in creating innovative routines. We also use iPads to research dance forms from across India.

At PIS, every step in the dance room is a celebration of self-expression and a step towards greatness, where we grow together, building confidence and creativity with each routine.

MORNING ASSEMBLIES

EARTH DAY CELEBRATION

Pavna International School joined millions around the globe to celebrate Earth Day. This event is dedicated to environmental protection and awareness. Our school organised a series of activities designed to educate students about the importance of the environment.

The day started with a special assembly where the documentary video was presented on the significance of Earth Day, highlighting the theme i.e., Plastic vs Planet, and conservation efforts globally and locally.

Statistics of a survey were also conducted on the usage of paper by using google forms.

Students participated in a craft work where they used waste materials to create items like plant pots. This activity aimed to teach students about the value of reuse and re-purposing materials in their science, maker-space and global perspective classes.

The students and staff planted saplings in their decorative pots on the school grounds. Each class pledged to take care of it, learning about the role trees play in the ecosystem. Then children took their planters home.

The activities provided practical knowledge and skills that students can carry forward into their daily lives, proving that even small actions can make a big difference.

Delight -in -a Dot

The primary school gathered in the play area for a vibrant and creative assembly to celebrate Dot Day. This day emphasises creativity, self-expression, and the impact of making one's mark in the world. The assembly aimed to inspire students to explore their own creativity and embrace their unique contributions. Students participated in a collaborative art project where they created artistic paintings of individual dots. This hands-on activity allowed students to express their creativity while contributing to a collective piece of art on a larger canvas.

A "Dot Station" was set up with various art supplies where teachers could design their own dot-themed art pieces.

ICT Assembly

The auditorium buzzed with excitement as students from Stage 3 to Stage 6 brought the history of computers to life in an engaging ICT assembly on "The Evolution of Computers." Through a creative skit, they showcased the remarkable journey of computers across generations. The role of Charles Babbage, the "Father of the Computer," was portrayed with enthusiasm, while Lady Ada Lovelace, the world's first computer programmer, came to life on stage. Five students vividly demonstrated the five generations of computers, highlighting the technologies that have shaped our digital world.

A Roaring Assembly: Celebrating International Tiger Day

An assembly was conducted by the students of Stage 2 to celebrate International Tiger's Day, observed worldwide on 29th July every year. The event served as a fantastic tribute to the day, featuring engaging activities that highlighted the importance of tiger conservation.

The assembly began with an inspiring introduction to International Tiger's Day, where students learned about the significance of the day and the critical role tigers play in their ecosystems. Our very own students then performed a skit and dance that captivated the audience. These creative performances highlighted key conservation messages in a fun and engaging way, shedding light on the challenges tigers face and the importance of collective efforts for their protection.

To test their knowledge, students participated in a tiger-themed quiz that was both educational and entertaining. The quiz helped reinforce what they had learned during the assembly.

The event concluded with a call to action, encouraging students to continue learning about and supporting tiger conservation. The International Tiger's Day assembly was a tremendous success, thanks to the enthusiastic participation of Stage 2 students. Let's carry forward the spirit of conservation and work towards a future where tigers thrive in the wild.



World Chocolate Day

We indulged in the sweetest celebration yet as Pavna International school came alive with the aroma of cocoa and the joyous spirit of World Chocolate Day! This delectable event was a true feast for the senses, bringing together students, teachers, and staff in a celebration of all things chocolate.

The day kicked off with an array of mouthwatering activities and treats. Ey 1 to Stage 2 students showcased their creativity in chocolate- by tasting challenge which included various steps like: Blindfolding, tasting and guessing and scoring. The hallways echoed with laughter and excitement as participants were engaged and enjoyed participating in the activity.

Another fun activity was conducted for Stages 3-6, where children were supposed to guess the brand of the chocolate. Children first enjoyed the presentation on the history of chocolate and then conducted the activity.

Our budding chefs also demonstrated their culinary prowess with chocolate-themed bake-offs and delicious treats that left us all craving more.

"We are Germs Smart" Early Years Assembly

Students explored the concept of germs—what they are, how they spread, and how to prevent their transmission.

A highlight was the interactive black pepper and soap activity. In this hands-on demonstration, students dipped their fingers into soapy water and then into dirty water. The fun moment came when they saw how the soap caused the "germs" (represented by the pepper) to disappear, reinforcing the effectiveness of soap and hand washing in eliminating germs.

The session concluded with a practical hand washing exercise. Students learned the proper five step technique.

Puppet Show

Abuzz with excitement the PIS Primary students gathered for a delightful puppet show assembly. The event, designed to entertain and educate, featured a vibrant cast of puppet characters who brought important lessons to life in a fun and engaging way.

The show, performed by the Early years teachers and PE teacher, captivated the young audience from start to finish. Through a whimsical story, the puppets taught valuable lessons about friendship, perseverance, and patience. The interactive nature of the assembly allowed the children to participate actively, making the experience even more memorable.



Healthy Body, Healthy Mind

The students of the Primary wing gathered in the school auditorium for a special assembly on the theme "Healthy Body, Healthy Mind." The assembly was designed to be both fun and educational, engaging students in a variety of activities that highlighted the importance of maintaining physical and mental well-being.

The assembly began with an energetic warm-up session, setting the tone for the day's theme. Following the warm-up, students were introduced to the nutritional benefits of fox nuts (makhana) as a healthy snack, which they had the opportunity to taste. This activity not only emphasised the importance of healthy eating but also encouraged students to make nutritious choices in their daily lives.

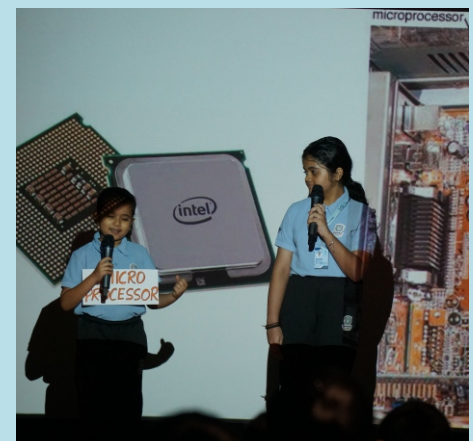
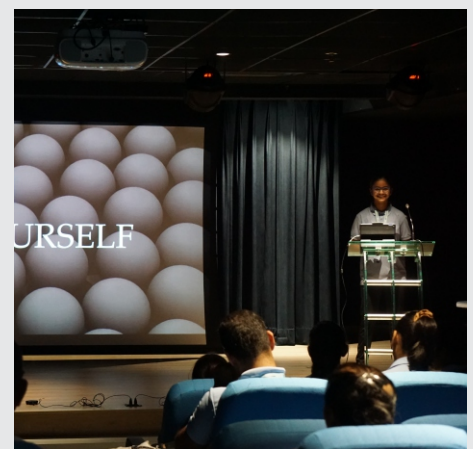
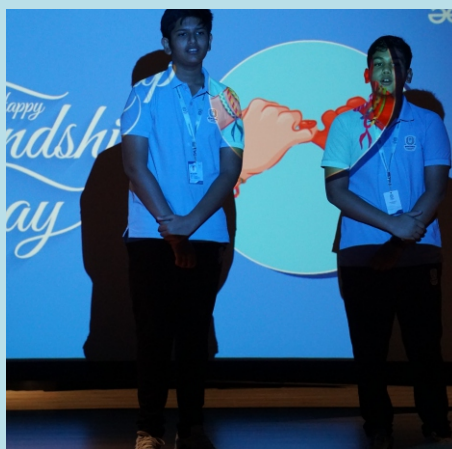
To further reinforce the theme, a short quiz was conducted, allowing students to test their knowledge about healthy habits. This interactive session was followed by a captivating play on healthy eating, performed by the students, which vividly illustrated the benefits of a balanced diet and regular exercise.

International Literacy Day

The primary section celebrated International Literacy Day with a dynamic assembly designed to highlight the importance of literacy and promote reading and writing skills among students. This annual event, recognized globally, focuses on literacy as a key to personal and societal development.

Stage 3 presented interesting facts related to Literacy Day and performed a short skit on the importance of trees in our lives. A quiz was also conducted to raise awareness among the younger students about the significance of the day.

Activities across the stages were equally engaging. EY1 and EY 2 went on a library tour, exploring the library and learning about its importance. They also enjoyed a storytelling session where teachers narrated short stories. Stage 1 organized a poster-making activity, where students displayed their creativity and understanding of Literacy Day. Stage 2 students recited self-composed poems, using acronyms related to literacy. Stage 3 students created their own book, with each child contributing a chapter about their classmates, as well as designing the book cover, content page, glossary, and index. Stages 4, 5, and 6 participated in a bookmark-making activity, crafting beautiful bookmarks with thoughtful quotes.



PIS Talks

Students from stages 11 to 13 organised an assembly featuring TED Talk-inspired academic speeches under the guidance of their English teacher and homeroom teachers. Anika from stage 11 began with a presentation on "Be Yourself," followed by Vardan from stage 13 discussing "Academic Writing" in Cambridge IGCSE and AS Level English Language. Hafsa from Stage 12 hosted the event, which aimed to share classroom learning and encourage students to present their ideas. The assembly concluded with an engaging Q&A session, fostering collaborative learning. It was a resounding success, showcasing the students' confidence and public speaking skills while highlighting the importance of self-expression and academic exploration.

Be Yourself

The students of Stage 7 delivered a captivating skit centred around the slogan "Listen to your heart and be yourself," effectively conveying the importance of authenticity and self-expression. Their performance was engaging and resonated deeply with the audience. Following the skit, they presented a meaningful video that further emphasised and reinforced the themes of the performance. The combination of live drama and virtual storytelling beautifully tied together the key messages, leaving a lasting impression on everyone present.

World Population Day

Stage 8 conducted an assembly focused on the theme of 'World Population Day'. Full participation was ensured by all the students. They began by discussing the issues arising from an increasing population, followed by a skit that illustrated the negative effects on education due to population growth. The skit was both humorous and engaging, earning the adoration of the audience for its concept and execution. This assembly provided an invaluable learning experience for the students, contributing significantly to their holistic education. Overall, the event was a resounding success, showcasing the students' creativity and raising awareness about an important global issue.

Musical Morning

Students from Stages 11 and 13 showcased their musical talents in a special assembly at the school's auditorium. Raza and Anika, under the guidance of their music teachers, Mr Chris Edmunds and Ms. Charu, composed and performed diverse pieces from classical to contemporary genres.

The event highlighted the significance of music education in students' overall growth, encouraging creativity, confidence, and a holistic approach to education. It ended with Mr Chris Edmunds emphasising the importance of integrating the arts into the curriculum for a well-rounded education.

International Day of Friendship

Pavna International School marked International Day of Friendship on July 25 with a touching assembly in the school auditorium. Students presented a heartfelt tribute to friendship through slides and a documentary. Both students and staff shared personal views on friendship, adding a unique and personal touch. The Vice Principal and the Head of Secondary also spoke about the importance of friendship. The event concluded on a positive note, emphasising the value of friendship. Overall, it was a successful celebration that left everyone with a greater appreciation for the meaning of friendship.

Labour Day

The recent Labour Day assembly was a success thanks to the hard work and determination of Stage 9 students, led by their homeroom teacher, Mr Koffi. The event included engaging segments such as a meaningful drama exploring the treatment of labourers and discussions on improving their conditions. A presentation on the history of Labour Day was followed by a "5-Minute Fun Word Search Activity" involving both students and teachers. The assembly concluded with a touching rendition of the Indian National Anthem. Overall, the event was both successful and informative, showcasing the students' talents and dedication.

Student Council Election

The Student Council election took place, marking a significant event in the school calendar. The election process commenced with a series of campaign speeches delivered by the candidates, each presenting their vision and plans for improving student life. These candidates underwent thorough screening via interviews conducted by the Principal, Vice-Principal, Heads of Secondary and Primary, and the Head of the Student Council. The candidates demonstrated commendable leadership qualities and a deep understanding of the issues affecting their peers.

The election witnessed a high voter turnout, reflecting the students' keen interest in the democratic process. Voting was conducted using advanced technology, ensuring a smooth and efficient process.

The positions contested included Head Boy, Head Girl, Sports Captain, House Captains, and House Prefects.

The event was a testament to the active participation and engagement of the student body. It served not only to select capable leaders but also to inspire a sense of community and shared responsibility among all students.



Student Council 2024-25



The Investiture Ceremony commenced with the formal address to the Chief Guest, Professor Krishna, the Principal, Aarti Nigam, members of the Senior Leadership Team (SLT), teachers, and students. The programme began by introducing the key elements of the Investiture Ceremony and honouring the Chief Guest, Professor Krishna, with the presentation of a sapling. Subsequently, the Vice Principal, Mr Michael Leahy, delivered an introductory speech outlining the significance of the Investiture Ceremony and its esteemed recognition.

The newly elected members of the Student Council were awarded badges by Director Emeritus, Professor Krishna, Principal Ms Aarti Nigam, Vice Principal Mr Michael Leahy, and Head of Primary Ms Nupur. This was followed by the Oath-taking

ceremony, led by the Principal. The Head Girl and Head Boy presented speeches detailing their future aspirations, defining the essence of true leadership, and their commitment to working towards the collective success of all students.

The Chief Guest, Professor Krishna, delivered a speech on leadership, lauding the students for exhibiting commendable leadership qualities and advising them to diligently fulfil their responsibilities. The ceremony concluded with a Vote of Thanks, extended by Vardan and Anika, the former Head Boy and Head Girl. The programme ended with the National Anthem, followed by a photography session with all SLT members and the newly elected Student Council, capturing the moment as a symbol of unity and a new chapter for the school community.

TEACHERS' DAY CELEBRATION



On Teachers' Day, students from stages 10 to 13 organised a lively assembly themed LUDO - "Learning in Unity for Development and Opportunity" to honour their teachers' dedication. The event, entirely planned and executed by the students, featured handmade bracelets and bookmarks as tokens of appreciation.

The performances included a range of acts: a dance by EY1 to 3, a song presentation by Stage 4 to 6 accompanied by live guitar, a rhythm challenge by

Stage 7 to 9, and a skit by Stage 10 to 13, all contributing to a vibrant atmosphere.

In line with the LUDO theme, teachers formed four groups dressed in red, blue, yellow, and green, participating in fun games that strengthened the bond between students and staff.

Overall, the celebration was a joyful showcase of unity, creativity, and gratitude for the teachers' invaluable contributions.





GRANDPARENTS DAY CELEBRATION

Pavna International School witnessed a heartwarming gathering of grandparents for primary students from Early Years 1 to Stage 3. The event, titled "Celebration of Childhood: A Day with Grandparents," featured a variety of engaging programs. Mrs. Asha Jain, the Chief Guest, and Professor KVSM Krishna, Director Emeritus of Pavna International School, graced the occasion as the Guest of Honour.

The children showcased their vocal talents with a "Spiritual Rendition" and demonstrated their rhythmic skills through a "Rhythmic Challenge." Emotional moments unfolded as the young performers presented dance routines, including "Aashiyana Mera," which celebrated the bond between children and their grandparents. The innocence of childhood was highlighted in a delightful dance performance of "Itni Si Hasi," while the grandparents were charmed by the children dressed as Krishnas and Radhas, performing a

dance that depicted the childhood of Lord Krishna.

An interactive "Fun Quiz" provided a nostalgic experience for the grandparents, who participated with enthusiasm. The students also presented a drama, "Nukkad Natak," delivering a powerful message about respecting and valuing grandparents, who are the wellspring of wisdom and family bonds.

Following the stage performances, grandparents visited their grandchildren's classrooms, where they enjoyed creating beautiful crafts together and were touched by the heartfelt thank-you cards from their grandchildren.

The event was praised for its decorations, audio-visual effects, synchronisation, and the use of costumes and props. It was clear that the grandparents thoroughly enjoyed the day, creating lasting memories with their grandchildren.





INDEPENDENCE DAY CELEBRATION

Pavna International School celebrated India's 78th Independence Day on August 15th, 2024, with great enthusiasm and patriotic fervour. The event commenced with a guard of honour. Then the tricolour was hoisted by Professor Krishna (Director Emeritus) and the Senior Leadership Team led by the school Principal, Ms. Aarti Nigam. This was followed by the singing of the National Anthem.

The celebration included a variety of performances by students, including a Flag March by the students from Early Years to Stage 1; a patriotic dance by Stages 4 - 6, an inspiring speech on Viksit Bharat, by Vardan Agarwal of Stage 13, a melodious rendition of classical ragas by the Secondary students, and a documentary mapping the progress of India

through the decades. The programme hosts, Virat and Nandini captured the attention of the audience with their emotive and engaging anchoring. In his address, Professor Krishna (Director Emeritus), emphasised the importance of unity, discipline, and the values that the nation stands for. He also highlighted the role of PIS in maintaining its uniqueness by following the school motto BE YOURSELF and aligning it with the ideals of VIKSIT BHARAT. He also encouraged the students to contribute positively to society and uphold the ideals of freedom and justice.

The event concluded with the hosts proposing the vote of thanks. The celebration was a memorable occasion, fostering a sense of pride and patriotism among all the attendees.



**HARSH KR. JAIN**

TEACHER SECONDARY - ACCOUNTS

Environment and CSR

Corporate Social Responsibility (CSR) is an old term, coined in 1953 by American economist Howard Bowen. It simply means businesses should take responsibility for the impact that they have on the society and the environment beyond their profit margins. Despite being such an old concept in the business world, it was not legally enforceable until 2013, when India became the first country in the world to make CSR mandatory under the law.

Indian Companies Act 2013 makes it mandatory for companies to spend at least 2% of their net profits from the previous 3 years on CSR activities. This has increased corporate involvement in social & environmental issues such as, education, health care, rural development and environmental sustainability.

For example, Tata Group has invested extensively in reforestation, clean drinking water and health care in rural areas. Tata Power, a subsidiary, has implemented numerous solar and wind energy projects, reducing carbon emissions and promoting sustainable energy sources.

The focus on environmental sustainability has led companies to undertake initiatives such as reforestation, water conservation,

waste management, and renewable energy projects. Consequently, it has allowed companies to recognise that sustainable business practices are essential for long-term growth. As part of this effort, Indian companies have started Corporate Social Responsibility programs, which are helping India achieve its sustainable development goals.

**SABYASACHI MITRA**

TEACHER SECONDARY - MATHS

Combating Climate Change - Can Mathematics be of any help?

Is climate change real? While most of us believe that it is a phenomenon that poses a clear and present danger, a sizable and often powerful minority remains in continuous denial of its existence, which is perhaps just as concerning. For example, according to data available on the website of the Center for American Progress, 100 out of 435 representatives and 23 out of 100 senators in the current (118th) U.S. Congress deny the existence of climate change caused by human actions. The extent to which such opinions are influenced by the fossil fuel industry needs to be closely scrutinized, given that the industry has contributed more

than \$52 million in campaign contributions to these 123 individuals.

Studies reveal that, in the last 36 years, about 2.5 million square kilometers of Arctic sea ice have been lost due to rising temperatures and human activity. At this rate, the Arctic ice may completely disappear in the not-too-distant future.

The direct consequences of this will include the loss of habitat for polar bears, reduced salinity in the Atlantic Ocean, and a rise in sea levels, causing the submergence of many islands, including those that are home to human populations.

Using both simple and sophisticated mathematical tools, one can study the impact of climate change and human actions on both sides—those that worsen the situation and those that prevent it from worsening or, at the very least, slow it down.

Policymakers often struggle to make polluters pay, not because they always collude, but because determining the appropriate costs isn't an easy task. Mathematical tools involving game theory can be very helpful in such situations when negotiating payoffs.

The above is just a sampler of what role mathematics as a discipline plays in combating climate change. A detailed discussion will require more space and time and will hence be preserved for another day.



ANIKA VARSHNEY

STAGE 11

Climate change is a critical global issue with profound local impacts. Its primary causes include greenhouse gas emissions from burning fossil fuels and deforestation, which diminish the earth's ability to absorb CO₂. Natural factors, such as volcanic eruptions and solar radiation variations, also play a role, but human activities are the dominant force driving climate change.

Local communities feel these effects directly. Coastal areas face rising sea levels, leading to increased flooding and erosion of shorelines. Extreme weather events, such as heatwaves, storms, and droughts, are becoming more frequent and severe, challenging communities to adapt. Additionally, altered precipitation patterns are leading to water scarcity, affecting agriculture and daily life.

To address these challenges, innovative solutions are emerging. Communities are leveraging artificial intelligence (AI) to predict and manage climate emergencies, such as monitoring deforestation and designing sustainable cities. In Zanzibar, women sea farmers cultivate climate-resistant sponges to safeguard their income, while small-scale African farmers use solar pumps to monitor and preserve freshwater resources. Renewable energy initiatives, like

wind-powered cargo ships and solar projects, are reducing dependence on fossil fuels. Urban areas are enhancing drainage systems, constructing flood defenses, and promoting green spaces to mitigate climate impacts.

As we confront climate change, it's clear that this issue affects every aspect of our lives. Through collective effort and innovation, communities can rise to the challenge and turn adversity into opportunities.



OJASV GOVAL

STAGE 10

"In a changing world, music adapts, echoing the Earth's shifting rhythms.

Music and weather are closely intertwined, with weather not only shaping musical expression but also being symbolised in musical compositions. However, climate change brings serious challenges to both music and instruments. Heat and humidity can damage wooden instruments, while shifts in air quality and temperature can harm singers' voices. Furthermore, climate change is depleting the supply of specialised woods needed for traditional instrument crafting, and extreme weather events frequently disrupt outdoor performances, affecting both musicians and audiences. In conclusion, although the connection between music and weather has inspired creativity, climate change now poses significant threats to musicians and their craft.

READER'S BLOG



MEGHA AGARWAL

M/o SAANVI AGARWAL, STAGE 10

As a parent, receiving the school newsletter is always special. It offers a glimpse into our children's daily lives and highlights their achievements. The photos, especially, are meaningful—seeing my daughter with her friends fills me with pride. The newsletter helps me feel connected to the school community and celebrate everyone's successes. I'm grateful for the school's effort in creating these memories, and I always look forward to the next issue.



SHUBHI JAIN

M/o AARUSH JAIN, EY 1

The school newsletter is something I always look forward to as a parent. It's more than just an update—it gives me a chance to see my son's involvement and the accomplishments of his classmates. The photos truly bring these moments to life. These newsletters strengthen my connection to the school community and make me proud of all the students. I appreciate the school's efforts in creating such meaningful keepsakes.

INTER - HOUSE COMPETITIONS

English Creative Writing Competition

The Secondary Inter House English Creative Writing Competition aimed to showcase the literary talents of students from Garnet House, Emerald House, Malachite House, and Sapphire House, emphasising creativity and storytelling skills across different stages. Participants from stages 7 to 13 took part, with each house represented by two participants who answered one out of two questions within a 350-word limit.

The competition was judged based on predetermined criteria, which included creativity, coherence, and language proficiency. The results were as follows: Malachite House achieved the highest score with 583 points, followed by Sapphire House with 554 points, Garnet House with 513 points, and Emerald House with 422 points.

The event was well-received and demonstrated the literary talent and enthusiasm among the students of Pavna International School. The presence of the senior leadership team underscored the importance of such literary activities within the school's curriculum, highlighting the emphasis on fostering creativity and a love for writing among students.

Secondary Inter-House Design and Technology Competition

The Secondary Inter-House Design and Technology Competition, centred on the theme of "Aesthetic Innovation," was successfully held in the AI Lab. The event showcased the creativity and technical skills of students as they competed to create innovative and aesthetically pleasing items. Students from all four houses participated with great enthusiasm, presenting a variety of creative projects, including coffee tables, lamp shades, and book holders. The competition not only highlighted the students' design skills but also their ability to combine functionality with artistic flair.

The judges for the event were selected by the house moderators, ensuring a fair and impartial evaluation of the students' work. The competition was keenly contested, and the final scores reflected the high level of effort and creativity exhibited by all participants. Malachite House secured first place with 361 points, followed by Garnet House in second place with 330 points, Emerald House in third place with 317 points, and Sapphire House in fourth place with 268 points.

The event was a resounding success, fostering a spirit of innovation and healthy competition among the students. The competition served as an excellent platform for students to explore and demonstrate their talents in design and technology. It not only celebrated their achievements but also inspired others to push the boundaries of creativity and innovation in future competitions.

English Elocution

The Primary Inter-House English Elocution Competition, "Elocution Endeavours," was held with great enthusiasm, showcasing the oratory skills of young students. Participants eloquently addressed thought-provoking topics, inspiring the audience with their passion and confidence. Topics included *Health is Wealth*, where students passionately emphasized the importance of maintaining good health as the foundation for happiness and success, arguing that a healthy mind and body are essential to living life to its fullest. In *Being Kind*, speakers highlighted how small acts of compassion can make a significant impact, fostering harmony and goodwill in our communities. The *Magic of Friendship* was celebrated as students shared personal anecdotes that reflected the joy, support, and sense of belonging that friendships bring to our lives. Finally, in *I Am a Reader*, participants eloquently expressed their love for reading, inspiring others to embrace books as a way to explore new worlds and expand their imagination.

Garnet House emerged as the winner with 1481 points, showcasing exceptional oratory skills. Sapphire House followed closely with 1442 points, earning applause for their strong performances. Emerald House finished with 1440.9 points, demonstrating great talent, while Malachite House secured 1409.5 points, putting up a commendable fight. The event was a resounding success, highlighting the incredible talent of the participants and setting a high standard for future competitions.

Let's Have a Splash



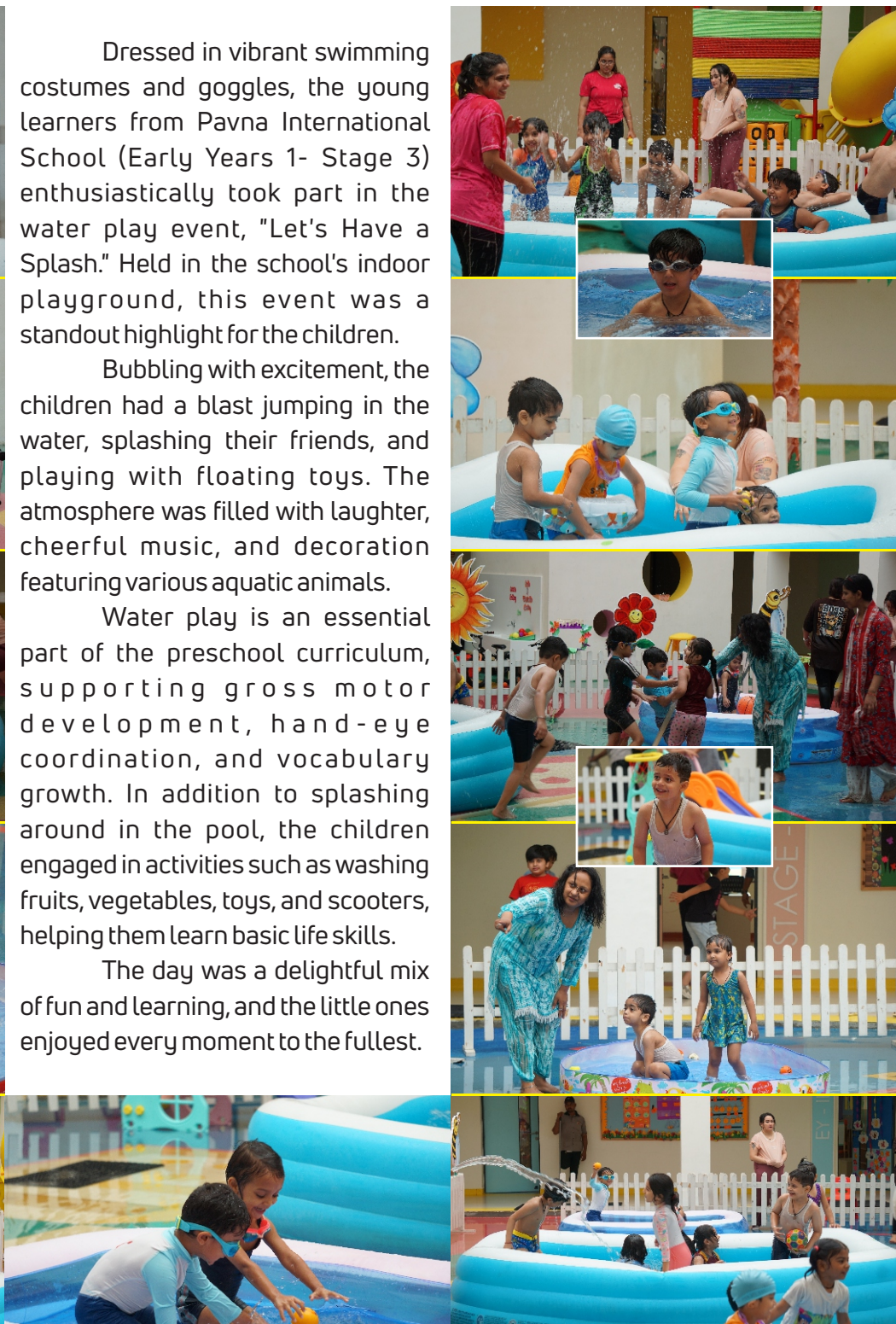
SCAN & WATCH

Dressed in vibrant swimming costumes and goggles, the young learners from Pavna International School (Early Years 1- Stage 3) enthusiastically took part in the water play event, "Let's Have a Splash." Held in the school's indoor playground, this event was a standout highlight for the children.

Bubbling with excitement, the children had a blast jumping in the water, splashing their friends, and playing with floating toys. The atmosphere was filled with laughter, cheerful music, and decoration featuring various aquatic animals.

Water play is an essential part of the preschool curriculum, supporting gross motor development, hand-eye coordination, and vocabulary growth. In addition to splashing around in the pool, the children engaged in activities such as washing fruits, vegetables, toys, and scooters, helping them learn basic life skills.

The day was a delightful mix of fun and learning, and the little ones enjoyed every moment to the fullest.





SHILPI CHAUHAN

TEACHER SECONDARY - HINDI

हिंदी से अपनत्व

भाषा जीवन का आधार है, भाषा जीवन को सरल बनाती है, भाषा ही है जो जीवन को आगे बढ़ने में सहायता प्रदान करती है। आज हम बात करते हैं हिंदी भाषा से अपने अपनत्व की। हिंदी बोलने वाले संपूर्ण विश्व में रहते हैं। हिंदी विश्व में तीसरे स्थान पर आती है। वैसे तो हिंदी भाषा का इतिहास काफी पुराना है, पर आज हम बात करेंगे केवल इसके महत्व की। आज, हिंदी का महत्व बहुत अधिक है। यह एक राष्ट्रीय भाषा है और भारत की अस्मिता का प्रतीक है। कहा जाता है कि अंतरमन से भावों की अभिव्यक्ति जितनी आप अपनी भाषा में कर सकते हैं, उतनी किसी और भाषा में नहीं कर सकते हैं, जैसा कि कबीर दास जी कई सदियों पहले लिख भी चुके हैं- **निज भाषा उन्नति अहै, सब उन्नति को मूल। बिनु निज भाषा - ज्ञान के, मिटत न हिय को सूल।** आज के समय में हिंदी को समझना और उसकी रक्षा करना हम सब की जिम्मेदारी है। आज की पीढ़ी अपनी सभ्यता व संस्कृति से दूर होती जा रही है, कारण है, पाश्चात्य का मोह और देशज्य से विच्छेद। हिंदी भाषा हमें अपनी सांस्कृतिक विरासत से जोड़ती है और हमें देश की एकता की याद दिलाती है। आज के समय में, हिंदी के क्षेत्र में भी काफी अनेकता का समावेश है। जैसे हिंदी फिल्में, गीत, हिंदी साहित्य ने विश्व में अपनी एक अलग पहचान बनाई हुई है। इसके अपनत्व और महत्व को समझ कर हर साल अनेकों विदेशी छात्र व छात्राएं शोध कार्य के लिए भारत आते हैं और हिंदी भाषा में रमी हमारी सभ्यता व संस्कृति में रम जाते हैं। हिंदी ने सामाजिक व राजनीतिक रूप में भी देश की तरक्की में महत्वपूर्ण योगदान दिया है। अगले अंक में बात करेंगे हिंदी भाषा के इतिहास की।



VARDAN AGARWAL

STAGE - 13

आजकल, वायु प्रदूषण गंभीर समस्या बन गया है, जो हमारे स्वास्थ्य और पर्यावरण को प्रभावित कर रहा है। यह प्रदूषण मुख्यतः उद्योगों, वाहनों, और निर्माण कार्यों से उत्पन्न हो रहा है। इनसे निकलने वाले धुएं और हानिकारक गैसों वायुमंडल में मिलकर वायु की गुणवत्ता को खराब कर रही हैं।

वायु प्रदूषण के कारण हमारे स्वास्थ्य पर गंभीर प्रभाव पड़ता है। फेफड़ों की बीमारियां, अस्थमा, और हृदय रोग जैसी समस्याएं बढ़ रही हैं। बच्चों और बुजुर्गों पर इसका असर और भी अधिक होता है। इसके अलावा, प्रदूषण से पर्यावरण पर भी नकारात्मक प्रभाव पड़ रहा है।

वनों की कमी, जलवायु परिवर्तन, और ग्लोबल वार्मिंग जैसी समस्याएं वायु प्रदूषण के कारण उत्पन्न हो रही हैं। हमें वायु प्रदूषण को नियंत्रित करने के लिए वाहन कम से कम प्रयोग करें, सार्वजनिक परिवहन का उपयोग बढ़ाएं, और पेड़-पौधे लगाएं। उद्योगों को भी प्रदूषण नियंत्रण उपाय अपनाने होंगे।

अगर हम सभी मिलकर प्रयास करेंगे, तो हम अपने पर्यावरण को सुरक्षित और स्वच्छ बना सकते हैं। वायु प्रदूषण से लड़ने के लिए यह हमारी सामूहिक जिम्मेदारी है। हमें यह समझना होगा कि स्वच्छ वायु हमारा अधिकार है और इसे संरक्षित रखना हमारा कर्तव्य।

“जब हवा में स्वच्छता होगी, तभी जीवन में सच्ची सुख-शांति होगी।”



VIRAT

STAGE 7

जलवायु परिवर्तन एक महत्वपूर्ण विषय है जो बताता है कि हमारे ग्रह का मौसम कैसे बदल रहा है। सामान्यतः पृथ्वी का मौसम स्थिर रहता है, लेकिन अब इसमें अजीब बदलाव देखे जा रहे हैं।

इन बदलावों का एक बड़ा कारण हमारी गतिविधियाँ हैं। जब हम कोयला, तेल, और गैस जलाते हैं, तो इससे हवा में ग्रीनहाउस गैसों निकलती हैं, जैसे कि कार्बन डाइऑक्साइड। ये गैसों सूरज की गर्मी को धरती पर रोककर उसे गर्म कर देती हैं। इसे “ग्रीनहाउस प्रभाव” कहते हैं।

जलवायु परिवर्तन से कई समस्याएँ उत्पन्न हो रही हैं। जैसे, बर्फ की चादरें तेजी से पिघल रही हैं, जिससे समुद्र का पानी बढ़ रहा है और समुद्र तट पर बाढ़ का खतरा बढ़ गया है। इसके अलावा, मौसम में बदलाव के कारण अधिक हिंसक तूफान, हीटवेव, और भारी बारिश जैसी घटनाएँ होने लगी हैं। ये सब प्राकृतिक आपदाएँ जानवरों और पौधों के जीवन को भी प्रभावित कर रही हैं। कई प्रजातियाँ या तो खत्म हो रही हैं या उनके लिए नये स्थान खोजने की मजबूरी हो रही है।

हम जलवायु परिवर्तन से लड़ने के लिए कई उपाय कर सकते हैं। सबसे पहले, हमें ऊर्जा का बचाव करना चाहिए, जैसे कि बिजली और पानी का कम इस्तेमाल करना। इसके अलावा, हमें कचरे को

सही से रिसाइकिल करना चाहिए और प्लास्टिक का उपयोग कम करना चाहिए। पेड़-पौधे लगाना भी महत्वपूर्ण है क्योंकि पेड़ हवा से कार्बन डाइऑक्साइड को सोखते हैं और हमें ताजगी प्रदान करते हैं।

इसके साथ ही, हमें सार्वजनिक परिवहन का इस्तेमाल करना चाहिए और कम-से-कम गाड़ी चलानी चाहिए ताकि कार्बन उत्सर्जन कम हो। छोटे-छोटे प्रयास, जैसे घर से बाहर निकलते समय बिजली बंद करना या कागज का कम उपयोग करना, भी बड़ा फर्क डाल सकते हैं।

अगर हम सभी मिलकर इन उपायों को अपनाएँ और दूसरों को भी जागरूक करें, तो हम अपनी धरती को बचा सकते हैं और एक स्वस्थ, सुरक्षित और सुंदर भविष्य सुनिश्चित कर सकते हैं।



DISHIKA AGARWAL

STAGE 9

जलवायु परिवर्तन एक अत्यंत महत्वपूर्ण और व्यापक समस्या है जो मानव गतिविधियों के परिणामस्वरूप उत्पन्न हो रही है। यह प्रक्रिया पृथ्वी की जलवायु प्रणाली में दीर्घकालिक परिवर्तन करती है, जैसे कि औसत तापमान में वृद्धि, समुद्र स्तर में बढ़ोतरी और मौसम पैटर्न में बदलाव। ग्रीनहाउस गैसों का अत्यधिक उत्सर्जन, जैसे कि कार्बन डाइऑक्साइड (CO₂) और मीथेन (CH₄), इसका मुख्य कारण है। इन गैसों के वायुमंडल में जमा होने से गर्मी पृथ्वी की सतह पर फंस जाती है, जिससे ग्लोबल वार्मिंग होती है।

जलवायु परिवर्तन के प्रभाव में सूखा, बाढ़, और चरम मौसम की घटनाएँ शामिल हैं, जो कृषि, जल आपूर्ति, और पारिस्थितिक तंत्र को प्रभावित करती हैं। वनस्पति और जीवों की प्रजातियाँ भी संकट में हैं, और कई प्रजातियाँ विलुप्त हो सकती हैं।

इस गंभीर समस्या से निपटने के लिए ऊर्जा की बचत, पुनर्नवीनीकरण, और हरित ऊर्जा स्रोतों का उपयोग बढ़ाना आवश्यक है। अंतराष्ट्रीय सहयोग और स्थायी नीतियों के माध्यम से ही हम जलवायु परिवर्तन के प्रभावों को कम कर सकते हैं और एक सुरक्षित भविष्य की ओर बढ़ सकते हैं।



LAKSHYA GODANI

STAGE 10

जलवायु परिवर्तन आज की दुनिया की सबसे बड़ी चुनौतियों में से एक है। यह समस्या मुख्य रूप से मानव गतिविधियों, जैसे कि जीवाश्म ईंधन का जलना, जंगलों की कटाई, और उद्योगों से निकलने वाले ग्रीनहाउस गैसों के कारण उत्पन्न हो रही है। इन गैसों के उत्सर्जन से धरती का तापमान बढ़ रहा है, जिसे ग्लोबल वार्मिंग के नाम से जाना जाता है। इससे ग्लेशियर पिघल रहे हैं, समुद्र का स्तर बढ़ रहा है, और मौसम का पैटर्न बदल रहा है।

जलवायु परिवर्तन का असर केवल पर्यावरण पर ही नहीं, बल्कि मानव जीवन पर भी पड़ रहा है। कृषि, जल संसाधन, और स्वास्थ्य पर इसके नकारात्मक प्रभाव स्पष्ट रूप से दिख रहे हैं। इसके अलावा, तूफान, बाढ़, और सूखे जैसी आपदाओं की आवृत्ति भी बढ़ रही है। इस गंभीर स्थिति से निपटने के लिए हमें ऊर्जा के नवीकरणीय स्रोतों का उपयोग बढ़ाना होगा, वृक्षारोपण को बढ़ावा देना होगा, और व्यक्तिगत स्तर पर भी पर्यावरण-संरक्षण के उपाय अपनाने होंगे।

जलवायु परिवर्तन को नियंत्रित करना हमारी जिम्मेदारी है और इसके लिए हमें तत्काल कदम उठाने की आवश्यकता है, ताकि भविष्य की पीढ़ियों के लिए एक सुरक्षित और स्वस्थ वातावरण सुनिश्चित किया जा सके।



VARNIT RAGHUNATH

STAGE 4

जलवायु परिवर्तन इस दुनिया में होने वाला एक बड़ा परिवर्तन है। इसका मुख्य कारण मनुष्यों द्वारा किये जाने वाले गलत काम है। जलवायु परिवर्तन होने का मुख्य कारण धरती पर अधिक मात्रा में जहरीली गैसों का होना है। जलवायु परिवर्तन के कारण वह हमारे मौसमों में बदलाव आ रहा है। जैसे कि अधिक, गर्मी, सर्दी व अनिश्चित बारिश का होना है। जलवायु परिवर्तन मानव के लिए एक बड़ी चिंता का विषय है, यह

इसलिए भी अधिक चिंता का विषय है क्योंकि जलवायु परिवर्तन के कारण समुद्र का स्तर बढ़ रहा है तथा बर्फीले पहाड़ों से बर्फ अधिक मात्रा में पिघल रही है।



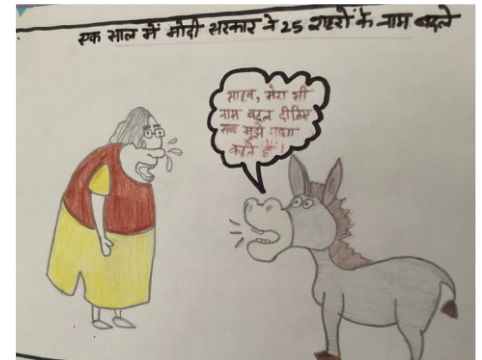
ANAGH SINGHAL

STAGE 8

हमारे देश के साथ-साथ पूरी दुनिया क्लाइमेट चेंज से लड़ रही है। अंतरराष्ट्रीय स्तर पर इस समस्या को गंभीरता से लेने की जरूरत है। क्लाइमेट चेंज से हमारे देश में बारिश की कमी, सूखा और तापमान में वृद्धि की समस्या आ रही है।

यह समस्या हमारे लिए खतरा है, लेकिन इसका मतलब यह नहीं है कि हम इससे निपटने में सक्षम नहीं हैं। हमें इसका समाधान खोजने की जरूरत है, जिसमें हम अपने घर, सड़क और उद्योगों में सस्टेनेबल की शुरुआत कर सकते हैं। हमें सोलर पावर, विंड पावर के उपयोग में शुरुआत कर सकते हैं। इसके अलावा, हमें अपने भविष्य को सुरक्षित रखने के लिए जलवायु परिवर्तन की समस्या पर विचार करना चाहिए। हमें अपने बच्चों को एक सुरक्षित और स्वस्थ भविष्य देना चाहिए।

हमारे पास समाधान की शक्ति है, लेकिन हमें इसका उपयोग करने की जरूरत है। हमें जलवायु परिवर्तन से लड़ने के लिए एकजुट होना चाहिए।



Creativity Galore...



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