



NEWSLETTER

LIGHTWORKERS ACADEMY

Uniworld City, Chennai - 600127
(A school by Uniworld Foundation Trust)
(Affiliated to CBSE)



Pratibha 2.0 - STEAM

Vision

Empowering individuals to unlock their full potential, learners fostering a community of lifelong and change-makers

Mission

Lightworkers Academy provides an innovative education, supportive guidance, and an inclusive community to help individuals discover their passion, develop their skills, and achieve their goals

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FROM OUR PRINCIPAL'S DESK



Dear LWA Family,

The month of February saw Prathibha 2.0 titled STEAM. The creative and inquisitive minds of the students shaped the entire event. Projects, experiments, displays, performances on stage and art gallery showcased different concepts of Science , Technology, Environment, Arts and Mathematics. Education Field trips for all classes were completed successfully. The students confidently appeared for the board exams with the blessings of the Almighty and prayer. The monthly activities concluded for the academic year 2025-26. Do enjoy reading this newsletter as much as we did in bringing it to you.

- Ms. Santhi Swaminathan



Highlights

Pratibha 2.0 - STEAM

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Pratibha 2.0 - STEAM

A Resplendent Celebration of Creativity and Innovation: STEAM 2026 at Lightworkers Academy

On 21st February 2026, Lightworkers Academy played host to an extraordinary STEAM event, graced by the illustrious presence of Mrs. Jayanti Kannan, Founder of DK's Learning Centre, a revered institution dedicated to empowering students with disabilities and intellectual challenges. The event commenced with the soul-stirring lighting of the lamp, followed by a captivating welcome song and dance, setting the tone for a day of unbridled creativity and innovation. The mesmerizing mime performance by the English department left the audience spellbound, showcasing their artistry and confidence. The Tamil and Hindi departments presented captivating skits, weaving tales that resonated with the audience. The Maths department challenged minds with intriguing games and models, while Science exhibited innovative projects that sparked curiosity. Social studies brought history to life with interactive exhibits and Business studies showcased entrepreneurial flair. The Performing arts department, comprising dance and music, electrified the stage with breathtaking performances. The Art Gallery was a visual treat with masterpieces created by the students and teachers on full display. DGardenz complemented the event with a stunning display of indoor and outdoor plants, adding a touch of serenity to the vibrant atmosphere.



STEAM – EVS Projects Grade 3 to 5

STEAM (PRATHIBA-2.0) has been conducted successfully on 21.02.2026. Projects were presented from the students of grade 3, 4, & 5 under the theme- AQUA. Students were made to form a group of 3 or 4 and they presented wonderful projects like experiments on water purification, hydroelectricity, models on water cycle, land breeze, sea breeze, sources of water, aquatic habitats and so on. The exhibition mainly concentrates on the topic of marine pollution, its causes, effects and prevention methods. The Chief guests on the day, Students from MVM also visited the science exhibition and gave their valuable feedback. Students learned the value of team effort and equipped themselves with wonderful presentation skills. Overall the day went gloriously with fun filled stage performances and a new way of learning experiences.



STEAM - Science Explorations

Grade 6 to 11

The Science Department of our school captivated audiences at the annual STEAM Exhibition with an inspiring showcase of creativity and innovation. Students presented various projects in Physics, Chemistry, and in Biology. The exhibits highlighted sustainability, innovation, and interdisciplinary learning. The enthusiasm of students, who confidently explained their work to parents, teachers, and peers, created an engaging atmosphere that celebrated curiosity and teamwork. Widely appreciated by visitors, the exhibit successfully demonstrated that science is not confined to textbooks but is a dynamic, imaginative, and impactful part of everyday life, reaffirming the school's commitment to nurturing future innovators.



STEAM – Social Science Models

The **Social Science Exhibition** was successfully conducted in our school on **21/02/2026** as a part of **PRATIBHA 2.0**. The exhibition aimed to encourage students to explore social science concepts through creative models, charts, and projects beyond textbook learning.

Students from **Classes VI-IX** actively participated and presented a variety of informative and innovative exhibits. The projects covered different areas such as **History, Geography, Civics, and Economics**.

The exhibition included models and displays on topics such as:

Historical monuments and civilizations

Physical features of India

Art and Integration

Disaster Management

Working of EVM

Sectors of Indian Economy

Integrated Agriculture

The culture of Tribals

Indian States

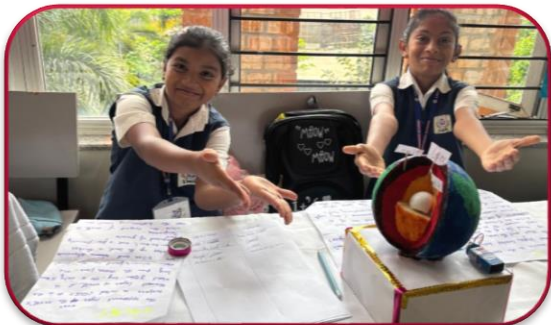
Tectonic plates

Students confidently explained their projects to visitors, teachers, and judges.

The exhibition helped students improve their **research skills, creativity, communication skills, and teamwork**.

The **Principal, teachers, and parents** visited the exhibition and appreciated the students for their hard work and innovative ideas. The exhibition was a **great learning experience** for students and helped them understand social science in a practical and interesting way. Overall, the Social Science Exhibition was a **grand success** and inspired students to learn more about the social world.







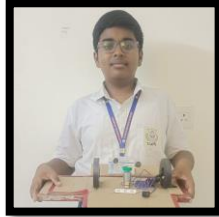


STEAM – Technology Innovative Exhibits



Height Measurement Tool

Eco Friendly Electricity Generator



Code Guess Algorithm

Bluetooth Controlled Robot



Translator App Algorithm

Fire Extinguisher Car Robot



Zero Carbon Aircraft



Chocolate Lucky Drop



Tesla Coil Projector

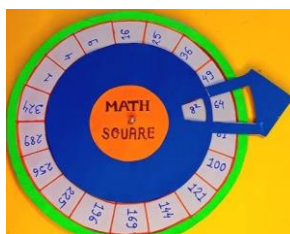


A technology-based exhibition was organized in our school on 21st February 2026 as part of STEAM – PRATIBHA 2.0. This exhibition provided a platform for students to showcase their talents, technical skills, and problem-solving abilities. The objective of this programme was to encourage students in scientific thinking, promote technology-based learning, and develop critical thinking skills. Students presented many models, explaining their projects, with some demonstrating live coding skills based on their chosen topics. Several students presented innovative projects through their coding skills, which were highly impressive and appreciable. This event helped students enhance their logical thinking, computational skills, and ability to apply theoretical knowledge to real-world problems. It also boosted their confidence, teamwork skills, and problem-solving abilities.

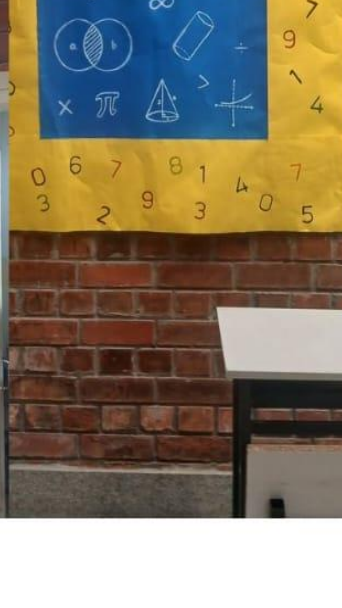
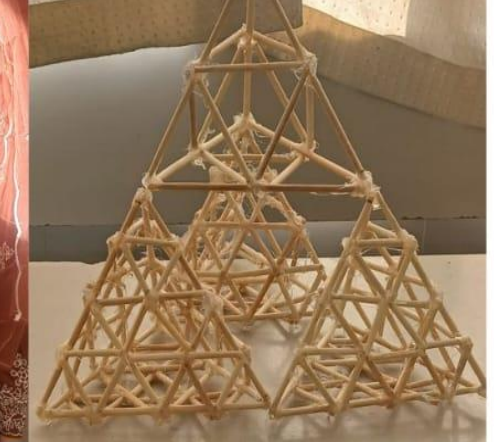
STEAM – Maths Puzzles In Real Life

Mathematics Department Shines at VEDIC VORTEX**

The recent STEAM event, held on February 21st for classes 4 to 9 and 11, was a testament to the creativity and enthusiasm our students bring to mathematics. Under the guidance of dedicated Mathematics Department teachers, each grade explored unique concepts and showcased their talents in innovative ways. Class 4 students engaged with puzzles and intriguing games that sparked curiosity and logical thinking. Class 5 took it a step further with graph coloring activities and an impressive demonstration of Vedic mathematics tricks, making complex calculations seem effortless. In Class 6, coin puzzles and matchstick challenges encouraged critical problem-solving skills. Class 7 offered a blend of conceptual displays alongside more traditional puzzles, demonstrating both deep understanding and playful engagement with mathematical ideas. Classes 8 and 9 truly amazed everyone by exploring the connections between mathematics in Kolam designs, astrology, architecture, fractal geometry, and formula-based games—proving that math is everywhere around us. Class 11 focused on the fascinating Golden Ratio, presenting thought-provoking questions based on this mathematical marvel. Additionally, two cross-grade teams wowed attendees by developing gaming projects using Python code—an impressive fusion of mathematical logic with modern technology. Our corner at the event was aptly named ****VEDIC VORTEX****, symbolizing the whirlwind of ideas and discoveries shared by all participants. Throughout the event, teachers provided timely reviews and support to ensure every student could shine. Feedback from attendees was overwhelmingly positive; many expressed how much they learned from these engaging presentations. The dedication of our students—and their ability to present even advanced concepts in accessible ways—left everyone inspired by what’s possible when young minds are guided well in mathematics.



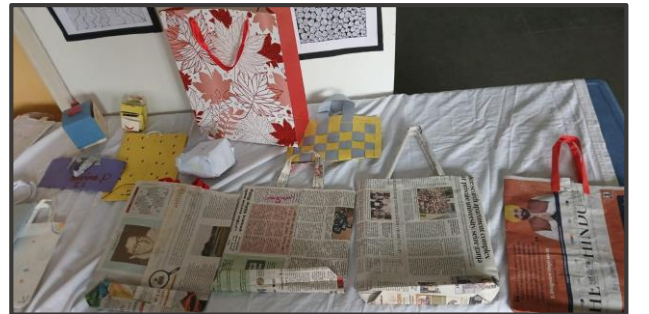
MATH may not teach us
how to **ADD** love
or **SUBTRACT** hate
but it gives us hope
that **EVERY PROBLEM**
has a **SOLUTION**.



STEAM – Arts Gallery

In PRATIBHA 2.0 we hosted an Art and Craft Gallery, which aimed to showcase students' creativity and talent in various art forms. In this event, the students explored themes entitled as Pretty Pencil Shaving Art & Gorgeous Grains Art (Class I), Beautiful Boho Art & Noticeable Newspaper Collage (Class II), Marvellous Mandala Art (Class III), Superb Shell Making (Class IV), Pleasant Pebble Art (Class V), Cute Canvas Painting (Class VI), Joyful Jute Art (Class VII), Brilliant Best out of Waste (Class VIII), Blissful Bottle Art & Precious Pebble Art (Class IX & XI). We also displayed Art Club & Bulbul students' Art & Craft works. Students presented Fabric Paintings, Crochet, Marble Paintings, Ice-cream stick Paintings, Canvas Paintings, Sandpaper Paintings, Clay Art, Wall hangings, Glass Paintings. The Gallery was a hit with students, teachers and parents who appreciated the effort and creativity. It encouraged students to experiment with different Art forms and boosted their confidence. Overall, the event was a huge success, highlighting the importance of Art and Craft in fostering creativity and self-expression.





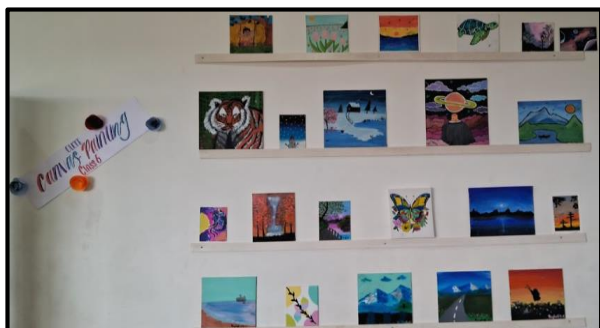
CANVAS PAINTING

Where imagination meets canvas



SANDPAPER PAINTING

Hard surface. Smooth painting.



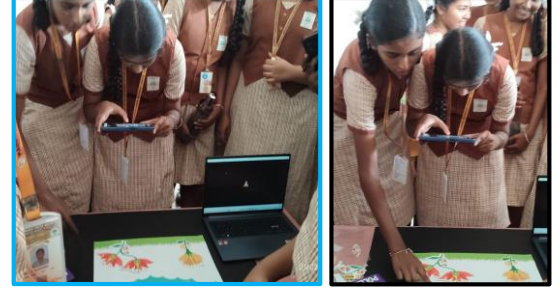
CLAY ART

Gets shaped by our own hands



STEAM – Fyule Lab

As a part of PRATIBHA 2.0 held on 21-February-2026, Fyule video lab showcased various techniques like Stop Motion Animation and Green screen. The students from MVM, Polachery had an exciting Hands-on experience on the techniques and enjoyed creating Academic oriented videos based on the techniques. Students of LWA explained the nuances of the techniques and also shot live videos like Weather News, Save Environment -Stop Motion etc with them. The Parents, Students and Teachers gave a overwhelmingly positive feedback on Art Integrated learning through FYULE video lab at LWA.



STEAM – PERFORMING ARTS

இயற்கையைப் பாதுகாப்பது
தனிமனிதக் கடமை என்பதை
உணர்த்தும் வண்ணமாக ,
அன்றாடம் மக்கள் செய்யும் சிறு சிறு
தவறுகளை சிலப்பதிகாரத்துடன்
இணைத்து தனி மனித தவறு
சமுதாய சீர்கேடு என்பதை நம்
பள்ளியின் மாணவர்களான
நந்தகோபால், பிரியங்கா , சரண்,
சர்வேஷ், ஜோனாதன், அனுபூர்
ஆகியோர் நாடகத்தின் வாயிலாக
சிறப்பாக நடித்துக்காட்டினர்

On the day of Pratibha 2.0, students showcased their talents through various performances centered around the STEAM theme, focusing on environmental conservation. - Young Eco-Warriors: Students from classes 1, 2, and 3 recited a powerful Hindi poem emphasizing the importance of saving the environment. - Drama for a Cause: Students from classes 3 to 6 presented a thought-provoking drama highlighting the dangers of deforestation and promoting nature conservation. These performances not only showcased the students' creativity but also spread awareness about the importance of protecting our planet.

Tamil Department Report

Hindi Department Report

STEAM – PERFORMING ARTS





STEAM – Counselling Session

As part of the STEAM (Science, Technology, Engineering, Arts, and Mathematics) Exhibition, a special counselling session was organized under the guidance of the school counsellor to promote awareness about important social and emotional issues. The activities were conducted by Class 11 students, **Suvetha** and **Kavya** under the guidance of school counsellor Mrs. Fayiza. K. They confidently led the sessions and interacted with students, teachers and parents. One of the main highlights was the Stress and Coping Strategies Model, where two bottles were used to demonstrate how stress accumulates and how healthy coping skills help release it. Students learned the importance of managing stress through positive habits such as mindfulness, time management, and seeking support. The Breaking Gender Stereotypes activity encouraged students to challenge common societal beliefs and promote equality. Through interactive charts, participants reflected on stereotypes and replaced them with empowering statements. The exhibition also included the “Seeds of Goodness” activity, where students received task cards promoting small acts of kindness, helping to nurture empathy and moral values. Additionally, chart displays on “What We Can Control vs. What We Cannot Control” and “What I Think Instead” helped students understand emotional balance and develop positive thinking skills. The exhibition was informative, engaging, and impactful, highlighting the importance of emotional intelligence alongside STEAM education. The exhibition served as a powerful reminder that true education goes beyond textbooks. By nurturing emotional strength, empathy, and positive thinking, the Counselling Cell helped students understand that personal well-being is just as important as academic success.





COUNSELLING

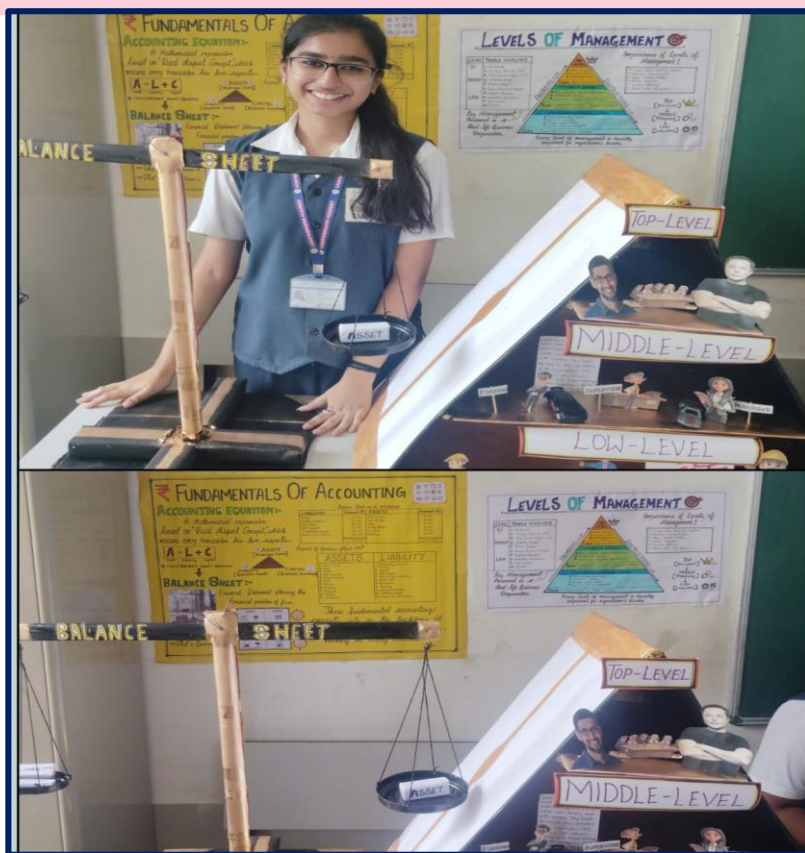


SESSION



STEAM – Accountancy Displays

Prathiba-STEAM 2026 was conducted successfully at Lightworkers Academy on 21st February 2026, providing students with a platform to showcase their understanding across Science, Technology, Environment, Arts, and Mathematics. On this occasion, Grade XI Commerce proudly presented two projects, marking the first Commerce-based participation in the school's Project Day. The first project was based on the Accounting Equation, Balance Sheet, and Assets and Liabilities. It was individually designed by Pradeep Kumar in the form of a weighing scale, clearly representing the balance between Assets and Liabilities with Capital. The second project focused on Levels of Management and was prepared by Dharnish, Arun Kumar, Rithvikanth, Sathvika, Ilan Rodrigues, and Mohammed Hibban. The concept was presented in the form of a pyramid, illustrating the hierarchy of management in a clear and structured manner. Both projects were confidently presented by Prashansah Sunil to teachers, parents, and visiting students. The constant guidance of Ms. Subha greatly contributed to the successful execution of the projects. The presentation received positive appreciation, and many visiting students from Maharishi Vidya Mandir School, expressed interest in the Commerce stream after understanding its practical relevance. Prathiba-STEAM 2026 thus became a significant milestone for the Commerce stream at Lightworkers Academy.



*Life is like accounting,
everything must be balanced*

Class 11 Workshop @ IIITDM

On Thursday, 5 February 2026, the students of Class 11 from Light Workers Academy, Nallambakkam visited IIITDM (Indian Institute of Information Technology, Design and Manufacturing), Chennai to attend a workshop on Artificial Intelligence as a Tool for Education. Although the programme was conducted for three days, our school participated on the first day of the workshop. Students from a few other nearby schools, including schools from Mambakkam and surrounding areas, also took part in the event.

The main objective of the workshop was to help students understand how Artificial Intelligence can be used in a meaningful and practical way to support learning and academic development. The sessions were handled by experienced resource persons from IIITDM Chennai, who introduced us to the growing role of AI in education and how it can be used responsibly by students. The workshop began with a brief introduction to Artificial Intelligence and its applications in daily life and education. We were explained how AI tools can help students learn faster and more effectively by providing instant feedback, personalised learning support and different ways of understanding the same concept. The speakers clearly mentioned that AI should not be seen as a replacement for teachers, but as a support tool that helps both teachers and students.

One of the main topics discussed during the sessions was how AI can be used to understand difficult concepts more clearly. The instructors showed how students can use AI-based tools to ask questions, generate explanations in simple language and revise topics in multiple ways. This helps students build strong conceptual understanding instead of only memorising answers. Another important part of the workshop focused on time management and productivity. We were taught how AI can be used to create study plans, set realistic goals, track daily progress and organise tasks efficiently.

The speakers also explained how students can use AI tools to plan their study schedules according to their school syllabus, homework and examination requirements. The workshop also highlighted the importance of using AI in a responsible and ethical manner. We were reminded that while AI is very powerful, students must not misuse it for copying or unfair academic practices. Instead, AI should be used to improve learning, clarify doubts and develop independent thinking skills. Throughout the day, the sessions were interactive and engaging. Students were encouraged to ask questions, share their ideas and discuss how AI could help them in subjects such as mathematics, science and other academic areas. The overall environment was friendly and motivating, and it gave us exposure to a higher educational institution like IIITDM Chennai. At the end of the workshop, we were given a 20-minute quiz based on the topics and ideas taught during the sessions.

The results of the quiz were announced the following day. The students Suvetha, Tarika, Dhanush and Sanjay secured first place and were selected as the winners. They were later invited to IIITDM Chennai on Saturday at 9:30 to collect their certificates and prizes. The achievement of the winning students brought pride to our school and motivated the other participants as well. Overall, the workshop was a very valuable learning experience for all the participating students, including me. It helped us understand how Artificial Intelligence can be used to support our studies, manage our time effectively and become more organised learners. Visiting IIITDM Chennai and interacting with professionals in the field of technology was inspiring and motivating. The programme helped us realise that AI is not only a future technology but also a practical tool that can be used today to improve our learning process. I sincerely thank our school management and teachers of Light Workers Academy, Nallambakkam, and the organising team at IIITDM Chennai for giving us this wonderful opportunity.



Jayasree & Pranesh Visiting Malaysia For an Archery Competition

Pranesh Dhaniael and Jayasree Siva had participated in the 4th National Barebow Championship held on 22nd February at Variyar Hr.Sec.School Dharmapuri District. They have been selected to participate in the Malaysia 2026 Barebow Asia Championship on 29th April to May 3rd 2026 organized by the National Archery Association of Malaysia.

We wish them Good Luck and bring many more laurels to our school.



Temple Visit & All Faith Prayer

To invoke divine blessings and instill confidence among students appearing for the Board Examinations, our school organised a special pooja for Grade 10 and Grade 12 students. The pooja was performed on February 13, 2026 and our students were taken to Shri Siddhi Vinayaka temple at Unihomes, Nallambakkam. The pooja was performed with traditional rituals, seeking success, clarity of mind and calmness for the students as they prepare for this important milestone in their academic journey. Teachers and students participated with deep devotion, making the occasion meaningful and inspiring. Following the pooja, the Scouts and Guides unit of the school conducted an All-faith prayer, beautifully highlighting the values of unity, harmony and mutual respect. Prayers from different religions were recited, conveying the message that faith, hope and goodwill transcend all boundaries. The solemn prayer service created a peaceful ambience and strengthened the spirit of togetherness among the students. Our principal Mrs. Santhi Swaminathan has given instructions to our students on how to prepare themselves for the board exam. The programme concluded with the elders offering their blessings and good wishes to the students of Grades X and XII.



Field Trip to Shell Museum – Grade 2 & 3

On 5th February, the students of Class 2 and Class 3 visited the Shell Museum for a field trip. The visit was organized to help the children learn more about marine life and natural treasures from the sea. The museum has one of the largest collections of shells, and the students were excited to see many beautiful and colourful shells displayed neatly. They carefully observed the different shapes, patterns, and sizes of shells collected from various parts of the world. The students were especially attracted to the special pearl section. They learned interesting facts about how pearls are formed. The children also explored the minerals section, where they saw different types of stones and crystals. The animatronic dinosaurs in the interactive area thrilled the students and made the visit more enjoyable. They also had fun taking pictures in the 3D art section. The children also visited a small aquarium that displayed various kinds of fish. They observed the fish closely and learned about marine life. The visit was both informative and entertaining. The students returned to school with happy faces and wonderful memories of their trip.



Field Trip to Birla Planetarium – Grade 4 & 5



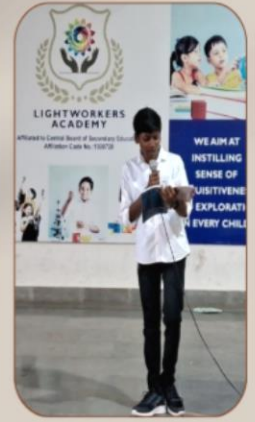
An educational trip to Birla Planetarium was organized for the students of Classes 4 and 5 on 7th February 2026. They visited the exhibition hall where many models and displays about the solar system, satellites, rockets, and space missions were shown. The students observed these exhibits with great curiosity. The planetarium sky show explained about the Sun, Moon, stars, and planets in a very clear and fascinating way. Students enjoyed watching the moving stars and learning about how planets revolve around the Sun. Overall, the trip was very informative, enjoyable, and memorable for all the students.



National Science Day Special Assembly – Class 8

A special assembly was conducted in our school by the students of **CLASS 8** to celebrate **National Science Day** on **27th February** with great enthusiasm and curiosity. The objective of the assembly was to create awareness among students about the importance of science in our daily lives and to encourage scientific thinking. The programme began with the **morning prayer** followed by the mesmerizing theme **song, speeches in English, Hindi Tamil and French**. Students spoke about the significance of National Science Day, which commemorates the discovery of the **Raman Effect** by the renowned Indian scientist **C. V. Raman**. The highlight of the assembly was a **short, thoughtful and humorous skit on the Five Elements (Pancha Bhoota)** presented by the students. Through lively dialogues, the characters representing **Earth, Water, Fire, Air, and Space** expressed their concerns about pollution and environmental damage caused by human activities. The skit conveyed an important message about the responsible use of science and the need to protect nature. The assembly also included a **Thought for the Day**, A meaningful **Doha**, A **Tirukkural**, **The News reading**. Adding more colour to the celebration, the students presented a **vibrant dance performance** that brought great energy to the assembly and was warmly appreciated by everyone. The programme also featured a melodious **self-composed song** performed by the students, which creatively conveyed the importance of science and nature. The Assembly was concluded with the **Scripture reading, Pledge followed by National Anthem**. The assembly concluded with a reminder that science should always be used for the welfare of humanity and the protection of the environment. Overall, the Science Day assembly was both informative and entertaining, leaving the students inspired to develop a scientific attitude and a sense of responsibility towards nature.





ఆధునిక శాస్త్రం
 1. అంతరిక్షం వల్ల ఆధునిక శాస్త్రం ప్రపంచం మార్చింది (2)
 2. విద్యుత్తు వల్ల అంతరిక్షం మార్చింది (2)
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 6. అంతరిక్షం వల్ల అంతరిక్షం మార్చింది (2)
 7. అంతరిక్షం వల్ల అంతరిక్షం మార్చింది (2)
 8. అంతరిక్షం వల్ల అంతరిక్షం మార్చింది (2)
 9. అంతరిక్షం వల్ల అంతరిక్షం మార్చింది (2)
 10. అంతరిక్షం వల్ల అంతరిక్షం మార్చింది (2)

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 అంతరిక్షం వల్ల అంతరిక్షం మార్చింది (2)
 అంతరిక్షం వల్ల అంతరిక్షం మార్చింది (2)

“
 The science of today
 is the technology
 of tomorrow.
 ”

Lyrics by - Prathiksha
 Composed by - Nimishika
 Composed by - Sujay



FEBRUARY

Month



**Fun
Activities**





Grade 2 & 3 Women's Day Activity

Grade 6 to 8 STEAM Reports



February's Monthly Activity Day (Feb 27th) was a huge success! Classes 2-3 created Women's Day greeting cards, Classes 4-5 spoke about inspiring scientists, and Classes 6-8 prepared reports on the STEAM exhibition held on February 21st. These activities showcased students creativity and knowledge, making it a memorable day!

Grade 4 & 5 Inspiring Scientist



Plant Seeding Activity – Class Prep



Plant Seeding Activity
Class - Prep





TALENT HUNT



**PRANEETH
5A**



**MRITHULA
5A**



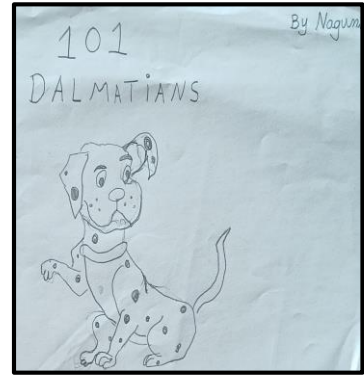
**Kathryn
5A**



Alesha 2B



Kirthik



Nagun 2B



**Kuzhali
3B**



**MEIYAZHZGHAN
5A**



Navan



Theon

Thank You

