



LIGHTWORKERS ACADEMY

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



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FROM OUR PRINCIPAL'S DESK



Dear LWA family,

Nourishing November saw a Children's Day special assembly, performed by the staff. LWA hosted the interschool performing arts competition for our Sahodaya cluster schools. Our students participated in the Young Environmental Scientist competition at IIT Madras and went for an educational field trip to Dakshinachitra. Teachers attended subject enrichment sessions in science and IT. Many classroom and club activities were conducted. Do get a peek into our world as you enjoy reading this edition of our monthly newsletter.

-Ms. Santhi Swaminathan



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Young Environmental Scientist @ IIT

The Young Environmental Scientist (YES) program is a pioneering initiative by the Industrial Waste Management Association (IWMA) to motivate and support schools. Children carry out experiments and share their research findings in science. Five teams from our school had participated in the first mentoring session, which was held on 11th and 12th November at IIT Chennai.



Sahodaya Cluster Schools

In association with Chennai Sahodaya School Complex, a customized interactive session on Fun with Science Experiments for Science teachers was attended by Mrs. Meena, Mrs. Priyadharshini (Primary Teachers) and Mrs. Aswathi, Mrs. Shyamaladevi (Middle school Teachers) on 9th November 2024. The workshop was organised by The Headword team, a part of the publishing arm of the ABP Group in Sunshine SSM Senior Secondary School, Chromepet. The workshop was presided over and conducted by Dr. T. S. Natarajan, Former Professor of Physics, IIT Madras/Tirupati, Dr. R. Srinivasa Raghavan and Dr. Uthra Dorairajan. During this session, the Science experts discussed the nuances of engaging students in meaningful learning experiences and adapting to the evolving needs of today's learners to make learning more engaging, relevant and effective.



Tamil Class For IPS Probationary Officers

It was a great honour and privilege to transfer the knowledge of language (Tamil) to the IPS PROBATIONARY OFFICERS (III batch) who are deputed in Tamilnadu state from other states. The session was conducted from 5th November 2024 to 28th November 2024. I take this opportunity to thank our Principal Tmt.Sanathi Swaminathan for giving me this opportunity to serve our civilians. I take this opportunity to thank Mr. Thirumalai Kozhundhu, Inspector of police, who recommended me to the Tamilnadu Police department (TNPD) for the teaching learning program.



Grade 4 & Grade 5 Field Trip to Dakshinachitra



On November 11, classes 4 and 5 went on a field trip to DakshinaChitra. We arrived at 10:30 AM and started our day with a puppet show. The students loved it! Next, we took a bullock cart ride and visited traditional houses from different southern Indian states. We saw beautiful houses from Kerala, Karnataka, Andhra Pradesh, and Tamil Nadu. Each house was unique and reflected the culture of its region. We noticed differences in the architecture, materials, and decorations. For example: Tamil Nadu section: Shows how merchants, Brahmins, silk weavers, agriculturists, and potters lived. Andhra Pradesh section: Features the Ikat weaver's house and a coastal Andhra house. Karnataka section: Displays the Ilkal weavers house and a house from Chikamagalur. Kerala section: Includes a Syrian Christian house, a Hindu house, and a Calicut house. We were amazed by the beauty and craftsmanship of these traditional houses. Our guide explained the history and significance of each house, and we learned a lot about the cultures of southern India. After lunch, we went shopping at the Art Bazaar and bought souvenirs. We returned to school at 3:00 PM. It was a great day out, and we all learned something new!



Children's Day Programme

“Children are like buds in a garden and should be carefully and lovingly nurtured, as they are the future of our nation and the citizens of tomorrow.” Pt.Jawaharlal Nehru “We were all children once. We all share the desire for the wellbeing of our children, which has always been and will continue to be the most universally cherished aspiration of humankind.” A day marking childhood- Children's day celebrations focus on children and their enjoyment. The day is celebrated to pay tribute to the legendary freedom fighter, popularly known as 'Chacha Nehru'. The occasion is celebrated every year with grand splendor and fiesta at Lightworkers Academy. On Thursday, 14th November 2024, a Special Assembly was conducted for children with an endearing presentation by the teachers of LWA. The students came dressed in casual dresses. The objective behind this assembly was not just to make children aware of the significance of celebrating Children's Day but to help children create some beautiful memories of this school year with their teachers and to enjoy a day dedicated to joy and hope children bring in, the lives they touch each day. The Children's Day celebration began with a light-hearted assembly dedicated to the students by their teachers. The school Principal Mrs. Santhi Swaminathan addressed the children and shared a few words of wisdom. The assembly started with a soothing song by the nightingales of LWA. It was followed by English, Tamil and Hindi passages, thought, thirukural, dhoha, news, a power packed dance performance and a mime with a beautiful message for the students. Students were elated to see their teachers performing and celebrating the day with zeal and enthusiasm. The assembly concluded with a message from the Principal ma'am where she shared her thoughts and feedback on the assembly. She praised and encouraged the teachers for their creativity & efforts and wished all the students a joyful Children's Day. There was excitement in the air and the little ones left the school with a bag full of stories about their special day at school. It was a day full of joy and laughter for the students.





Data Collecting Activity – Grade 2

Understanding decimals multiplication by 10, 100, and 1000 can be made simple and intuitive with the use of place value rods. These visual tools help illustrate how numbers shift in value as we multiply by powers of ten. When you multiply a decimal by 10, you can visualize this process by moving the decimal point one place to the right. For example, multiplying 2.5 by 10 transforms it into 25, effectively demonstrating that each digit moves to a higher place value. Similarly, when multiplying by 100, the decimal shifts two places to the right. Take the number 0.45; when multiplied by 100, it becomes 45. This shift not only reinforces understanding but also highlights how each digit's position determines its overall value. Finally, multiplying a decimal by 1000 involves shifting three places to the right. For instance, if we take the decimal number 1.234 and multiply it by 1000, it becomes an impressive 1234. Place value rods visually represent these shifts in real-time and make learning engaging and effective. By utilizing place value rods for decimals multiplication with these specific factors—10, 100, and 1000—students gain clarity on how multiplication affects their numbers while building a solid foundation for future mathematical concepts. Embrace this method for an enriching educational experience!



Zone 6 CSSC Peripheral Cluster @ LWA

The Zone 6 Peripheral Cluster organized a performing arts competition for students of classes VI-XII, providing a platform for young talent to shine. The event was themed 'Bhoomi,' symbolizing the rich cultural heritage of our nation. *Event Highlights:

- *Inauguration:** The auspicious day began with a prayer, lighting lamp, followed by a warm welcome address by Ms. Santhi Swaminathan, Principal of Lightworkers Academy.
- *Host Performance:** Students of Lightworkers Academy mesmerized the audience with a spectacular dance performance, setting the tone for the competition.
- *Competitions:** Students from various schools under CSSC Zone 6 peripheral cluster participated in two categories: Classes VI-VIII and Classes IX-XII. The performances were judged on creativity, technique, and overall impact.
- *Chief Guest:** Renowned dance performer Ms. Jayalakshmi graced the occasion as the chief guest, inspiring the students with her presence.
- *Prize Distribution:** Ms. Jayalakshmi announced the winners and prizes and certificates were awarded to the outstanding performers.

***Participation and Winners:** Students from various schools under CSSC Zone 6 peripheral cluster participated in the competition, showcasing their talents in music, dance and drama. The winners were selected based on their performances, and prizes were awarded to recognize their achievements. ***Conclusion:** The Zone 6 Peripheral Cluster Performing Arts Competition 2024 was a resounding success, providing a platform for students to showcase their talents and creativity.



CS GEMS Program

The CS GEMS program was an empowering event to upskill the teachers in the field of computer science. This program helps us to understand the curriculum standards like CSTA & ISTE. This event connects educators globally to equip them with the current skills and resources to meet the new challenges and remove barriers in teaching computer science. The session started by explaining the concepts like, Metacognition, Bloom's Taxonomy, Pavlo's Motivation Theory, C4 Model and much more interesting topics in the forenoon session. After lunch break, we are requested to do the Activity sheet. By continuing that, we did one activity called Orange Fruit Activity which explains Linear Search Algorithm. By following that, hands-on activity was held. A simple program in python with looping was given and we needed to find the output which was quite interesting. Atlast, we discussed the topic Digital Literacy and the topics which covers Digital Literacy like, Fostering Critical thinking and Computational Thinking, Web and App Development, Coding and much more. Finally, we ended the session by discussing these topics.



Hindi Olympiad

The International Hindi Olympiad (IHO) was successfully conducted at Lightworkers Academy. The Exam aimed to promote proficiency in the Hindi language, encouraging students to explore its grammar, literature, and cultural richness. All the Students from Grade 7 to Grade 10 participated enthusiastically, demonstrating their dedication and interest in Hindi. The exam featured multiple-choice questions, testing students' knowledge of grammar and comprehension. The exam was conducted smoothly under the supervision of our Hindi Teacher, Mrs.Subapradha. The IHO not only enhanced students' linguistic skills but also deepened their appreciation for the significance of Hindi as an official language and a medium of cultural expression. In conclusion, the International Hindi Olympiad (IHO) was an enriching experience for students, providing them with an opportunity to deepen their connection with the Hindi language.

Thank you
Madhushwetha
Grade 10B



EVS ACTIVITY

GRADE : 4

EVS Activity – Lifecycle of an Insect

To make a model of the life cycle of any one insect, cockroach, butterfly, Frog based on lesson 9:Animals –How life goes on? on 25/11/2024 (Monday). It was a classroom activity in which students brought all the necessary materials – (colorful clay, cardboard, A4 sheets, glue and coloring materials) made interesting model of the lifecycle of any one insect of their choice and neatly labeled the tags on a cardboard. In this hands on activity helped to students to understand the concepts, morize the stages as well as compare the life cycle of different insects effectively. Students enjoyed the activity to the fullest, also observed and appreciated the work of their peers. This activity helped them to nurture their creative and imaginary skills.



EVS Activity – Safety First Aid

Students of grades 4A and 4B had done an activity in environmental science based on the lesson 3. Safety First Aid on 10/09/24. As this was a group activity, students were split into 8 groups, each group carrying 4-5 members. They presented the first aid box with materials inside (demo things) and explained the importance of first aid kits in public places and in schools, colleges, vehicles, etc. Each student in the group had individual participation, like preparation of charts, explanation, making of the kit, etc. The activity was highly informative, and students were able to understand the concept in a better way.



November
Month
Activities

TOPICS

Grade: 2 & 3

Clay Activity

Grade: 4 & 5

Best Out of Waste

The logo for November Month features the word "November" in a large, black, cursive font with orange and yellow leaf-like accents. Below it, the word "Month" is written in a smaller, black, cursive font on a white rectangular background.The logo for TOPIC features the word "TOPIC" in a bold, blue, sans-serif font. The letter "O" is replaced by a green and yellow circular graphic.

Fireless Cooking

Grades : 6,7,8



Fyule Videolab – Video Club Launch

On November 11th, Lightworkers Academy witnessed a momentous occasion as the school unveiled its new crew of Fyule Video Club. The Academy's vibrant atmosphere was filled with excitement as the students and faculty gathered to launch the club for the year 2024-2025. The Fyule video club launch event started with the PowerPoint presentation by the Fyule team, on the aim and purpose of the launch of the video club. It also stated the Roles and Responsibilities of the Video club Crew.

The video club Crew comprises of 15 members namely Sujay, Senthamil Selvan, Durairasu, Priyanka.K, Meryl, Lakshya, Nandana, T Sai shravan, S Sharvesh Sanjana, Dev Aadheish R, Hridhan Prasun, Kavinila, Vrinda along with Jai Siddharth of class VII as President and Arulmozhivarman of class VII as Vice-President of the club. The most exciting part of the event was the badge giving ceremony by our beloved Principal Mrs. Santhi Swaminathan. Each and every member of the video club was awarded with the Fyule Video Club Crew badge. The event was a grand success.

Fyule
Video Lab





Thank You!