



# SIGNAL SHALA REPORT



1 to 30 September 2024



# PRE-PRIMARY

At the pre-primary and primary level, after learning basic reading and writing skills, students emotionally connect with certain topics when they are introduced to new concepts. They exhibit enthusiasm when engaging in new activities. In activity-based teaching, when students perform actions as directed by the teacher or understand and mimic what they see, it is expected that curiosity is generated at this primary stage of learning. Activities like identifying colours, handling different shapes, and improving their grip on objects play an important role in developing the child's knowledge and understanding. These activities impact children's behaviour.





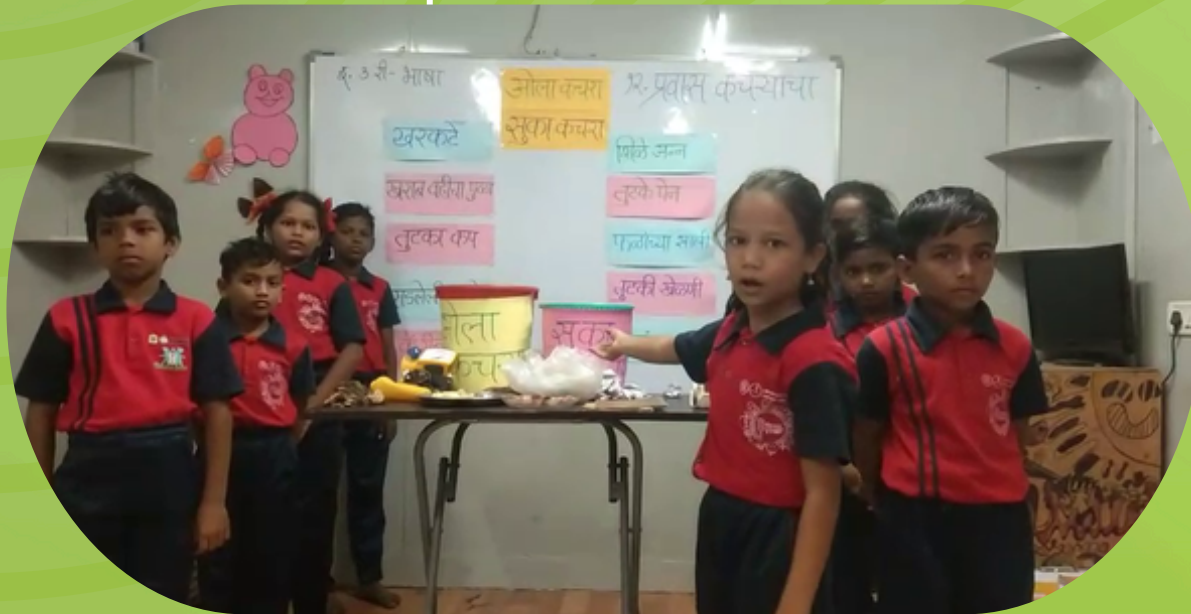
# PRE-PRIMARY

The ability to distinguish between objects they observe starts to take shape, and this stimulates both the body and the brain. Children's receptive language develops faster than expressive language, meaning they can understand and point to an object or colour before they are able to name it. Therefore, activities like asking children to pick up blocks of a specific colour or identify objects of the same shape help enhance their learning capabilities through creative activities and art.





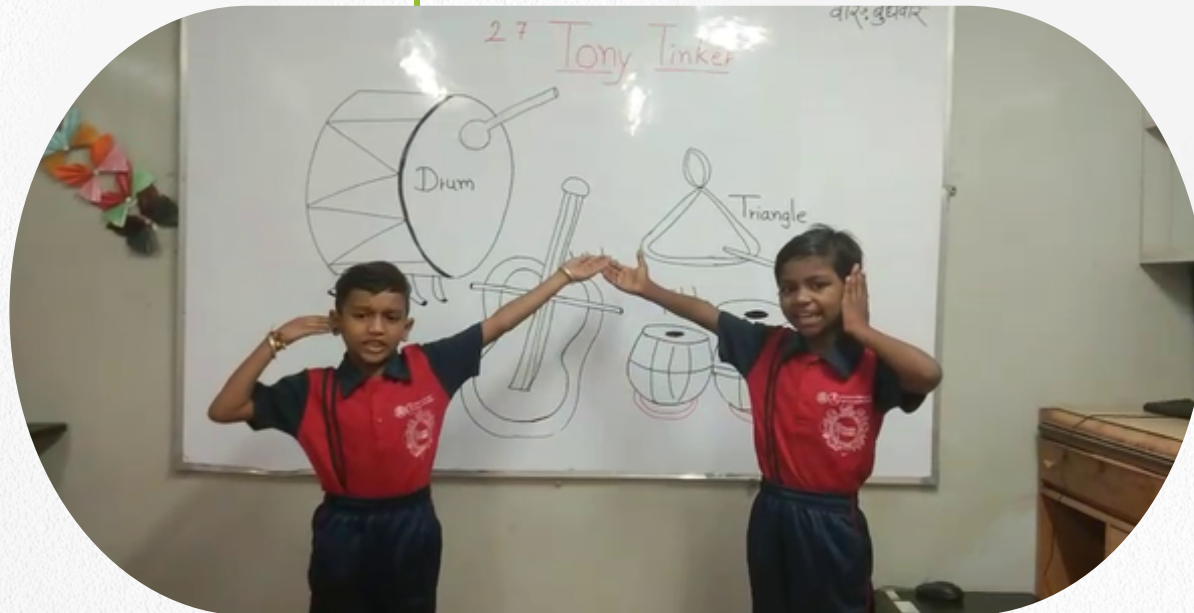
# PRIMARY



In a classroom, when a group of children recites poems with actions and rhythm, it generates excitement and encourages participation from everyone, while also helping to expand their vocabulary. Children enjoy saying rhyming words and remember them easily. Additionally, they develop a habit of humming songs and reciting poems. Children get to experience the fun of playing with words in the classroom. In such an easy-going environment, they are motivated to study happily. In observation activities across different subjects, students learn to provide feedback, exchange their views, and better understand essential aspects by assuming the role of an observer. This, in turn, improves the quality of teaching and learning.



# PRIMARY



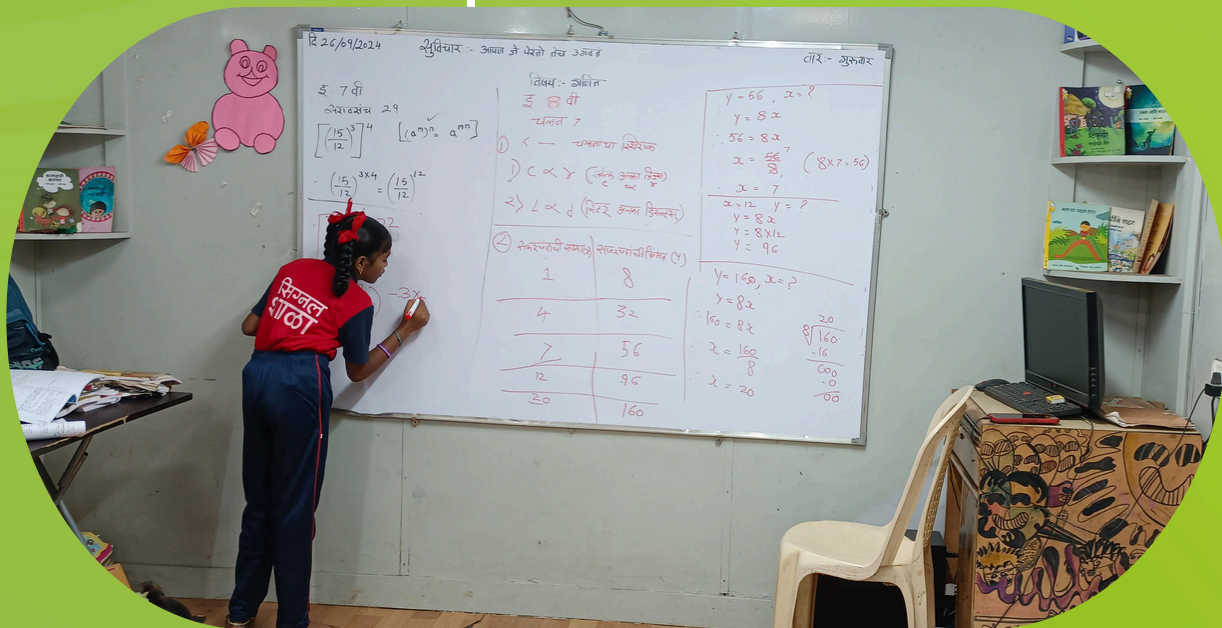
It also stimulates the development of student capabilities. Consequently, observation activities in the classroom become easier to evaluate within the teaching practice. This method of teaching is highly useful in improving the overall quality of education and provides children with positive experiences through action-based teaching methods.





# SECONDARY

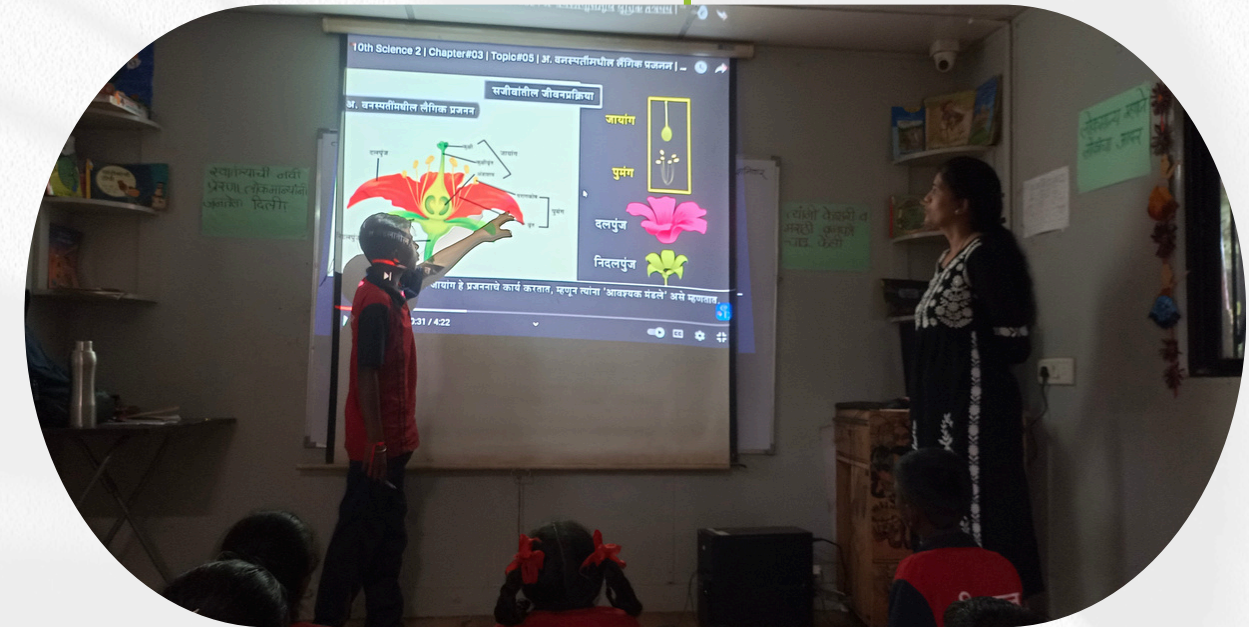
Through the use of visual aids, students can better understand complex educational concepts, which helps to enhance their comprehension. Visual aids engage students more effectively. They make lessons more dynamic and captivating, grabbing the students' attention and keeping them motivated. Visual tools help in memory retention, as students are more likely to remember information when they are visually stimulated.





# SECONDARY

Scientific experiments help broaden students' perspectives and encourage curiosity about practical knowledge. Self-directed learning is also promoted. A positive classroom environment fosters active student participation, which enriches their learning experience. This engagement leads to visible progress in their academic journey.





# NURSING



Along with expanding the scope of educational progress, efforts are made at Signal School to help students acquire professional and technical skills. Girls are currently learning martial arts such as stick fighting and karate for self- defence. In addition to this training, nursing, which is part of the medical field, has also been introduced for the girls. Under the guidance of nurse Mrs. Surya Madam and as per a structured curriculum developed by Dr. Surendra Vaidya, a nursing course has been initiated. This will create career opportunities for the girls in fields such as nursing homes, medical administration, health service centers, and educational institutions. The training will enable the girls to become qualified nurses, capable of patient care, which will open new employment avenues for them. The course will cover essential topics like providing immediate medical services to patients in critical conditions, handling emergencies, coordinating patient care, and understanding the basic principles of medical service.



# TEACHER'S DAY

The birth anniversary of Dr. Sarvepalli Radhakrishnan, the second President of India, is celebrated as Teacher's Day on September 5th every year since 1962. Dr. Radhakrishnan was deeply passionate about education and devoted his life to improving the education system. Teacher's Day was celebrated with great enthusiasm at Signal School. The teachers briefly discussed his contribution to education, and students presented a short performance on his life.





# TEACHER FELICITATION

On the occasion of Teacher's Day, the Lions Club of Thane felicitated the teachers of Signal School by presenting them with gifts. The event was graced by the presence of the club's president and other distinguished members.





# ROBOTIC SESSION

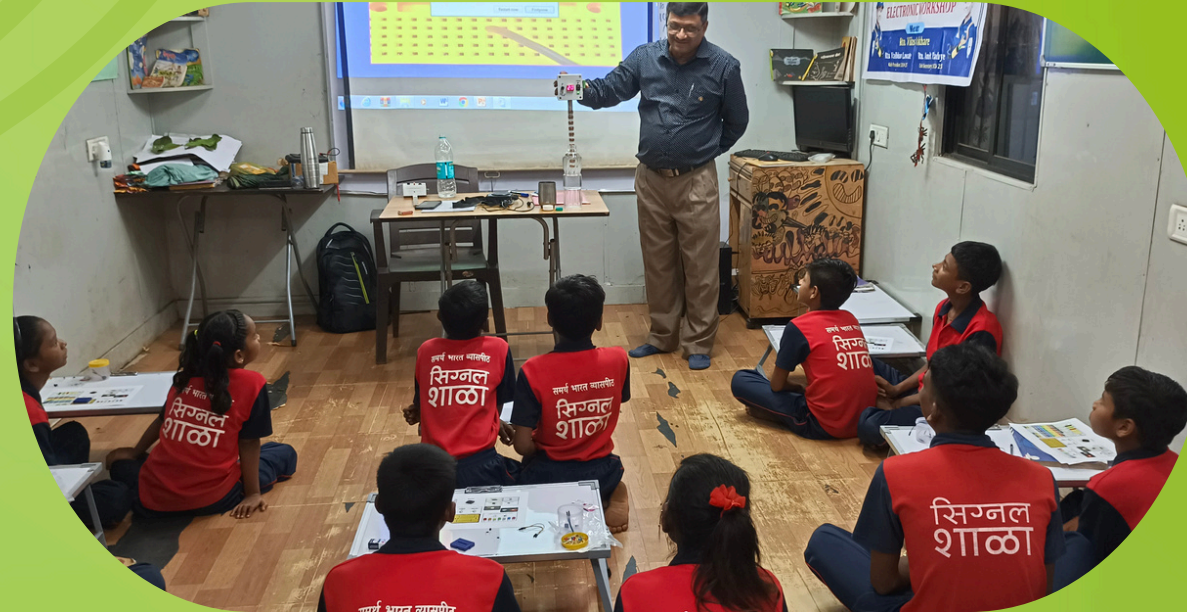


Rotary Club of Badalapur Industrial Area, Basic & advanced electronic workshop conducted by Mentor Vilas Wakhare on Dated 3 September 2024. By this workshop students could learn electronics from basics to advance in an easy, efficient and fun-filled way.





# ROBOTIC SESSION



This electronics workshop provided students with in-depth knowledge on electronics. Through this electronics-based kits, students could learn to build his/her own electronics circuits and projects.

Mentor Vilas Wakhare shown the demonstration of designing and implementing various electronics system using breadboards, sensors, and much more. Workshop Outcome: Introduction to electronics systems & circuits. Introduction to Resistors, PCB, Breadboards & Capacitors. Understanding IC sockets, cables and connectors & Diodes. Understanding how sensors are involved in Electronics. Understanding motors, solar panel and embedded systems. Hands-on experience on embedded electronics development.





MISS VANYA GUPTA A STUDENT FROM OMOTEC INSTITUTE OF ROBOTIC. SHE HAS BEEN CONDUCTING CODING CLASSES FOR THE STUDENTS OF SIGNAL SHALA AND HAS BEEN DILIGENTLY DOING HER WORK. SHE HAD BEEN WORKING ON HER PERSONAL PROJECT OF "USING MIDI DRUM TECHNOLOGY FOR COGNITIVE ASSESSMENT OF THE UNEDUCATED". THE PROJECT COULD BENEFIT MANY CHILDREN AT OUR SCHOOL TO HELP THEM ANALYSES AND PROVIDE THEM THE NECESSARY RESOURCES. DURING THE COURSE THEY LEARN CODING WHICH IS STEP-BY-STEP LOGICAL THINKING AND EXECUTION, CORRELATING THEIR IMAGINATION WITH EXECUTION, RESPONSE TO SIMPLE CODING INSTRUCTIONS IN TERMS OF MOVEMENT, SOUND, CHARACTERS, SWITCHING TASKS, APPLYING SIMPLE CONDITIONS AND MORE.





# GANPATI SCULPTURE WORKSHOP AND BULLOCK FESTIVAL ART COMPETITION

On September 2, 2024, a Ganpati sculpture-making workshop and a drawing competition were held in celebration of the Bullock Festival at the school. This year, children enjoyed making eco-friendly Ganpati idols using natural and biodegradable materials. Using easily available natural clay, the younger children created beautiful Ganpati idols. Since this clay dissolves quickly in water during immersion, it helps reduce water pollution. The children shaped the clay and painted it with eco-friendly colours. Meanwhile, older students collected large and sturdy leaves from banana, mango, and peepal trees from the surrounding areas to craft Ganpati idols. The students were very enthusiastic about this eco-friendly method. Following the teachers' instructions, the children arranged the leaves to form the shape of Ganpati. The children greatly enjoyed this biodegradable technique.





# "UTSAV SWACHHATECHA" (CELEBRATION OF CLEANLINESS)

From September 7 to October 2, a cleanliness fortnight is observed. During this period, a national-level competition called "Swachhata Hi Seva 2024" was organized by municipal corporations. As part of this, Thane Municipal Corporation and various voluntary organizations collaborated to present a cultural program called "Utsav Swachhatecha" on September 28 from 4:00 PM to 9:30 PM at Korum Mall, Thane. Many Thane residents actively participated in this event. Several cultural, social, and educational institutions, along with the "Utsav Thane" initiative, came together to present programs focused on cleanliness through entertainment.





# "UTSAV SWACHHATECHA" (CELEBRATION OF CLEANLINESS)

THIS PROGRAM FEATURED A FASHION SHOW WITH THE PARTICIPATION OF GARBAGE COLLECTORS, THEIR CHILDREN, SANITATION WORKERS, AND STUDENTS FROM SIGNAL SCHOOL. THE PROGRAM WAS ORGANIZED IN COLLABORATION WITH WE ARE VENTURE AND ROHAN'S ERA. THE ORGANIZATIONS INVOLVED WITH THANE MUNICIPAL CORPORATION INCLUDED "SAMARTH BHARAT VYASAPEETH," A.R. VENTURES, ROHAN'S ERA, AGAU PORAY, KALANKUR, STRI MUKTI SANGHATANA, KASHI KALA MANDIR, AND THE INDIAN EDUCATION SOCIETY'S SCHOOL OF ARCHITECTURE.

