

**पी एमश्री केन्द्रीय विद्यालय क्र-2 दिल्ली छावनी**  
**शिक्षक संवाद -मीडिया साक्षरता/ Media Literacy**

दिनांक -11/12/2023

कक्षा - नवमी

**प्रतिवेदन**

आज प्रातः 9.30 बजे वरिष्ठ संगणक कक्ष में मीडिया साक्षरता के प्रति विद्यार्थियों को जागरूक करने के लिए शिक्षक संवाद का आयोजन किया गया। इसके अंतर्गत कंप्यूटर शिक्षिका श्रीमती एकता गाबा ने पॉवर प्वाइंट प्रस्तुति के माध्यम से कक्षा नवमी डी के विद्यार्थियों को मीडिया के प्रति जागरूक किया।

श्रीमती एकता गाबा जी ने विद्यार्थियों से संवाद करते हुए सर्वप्रथम मीडिया से संबंधित मूलभूत जानकारी दी। इसके उपरांत उन्होंने विद्यार्थियों को मीडिया की आवश्यकता और महत्त्व से परिचित कराया। उन्होंने बताया कि मीडिया पर प्रसारित खबरों को सीधा नहीं स्वीकार करना चाहिए क्योंकि आजकल बहुत सारी खबरें भ्रामक और झूठी हो सकती हैं। अतः जरूरी है कि उनके तथ्यों को अन्य स्रोतों से भी जाँचा जाए और उसी आधार पर किसी निष्कर्ष पर पहुंचा जाए।

विद्यार्थियों ने भी बीच-बीच में प्रश्न पूछकर अपनी शंकाओं का समाधान किया। सिद्धार्थ ने मीडिया के दुष्प्रभावों से बचने के उपाय जानने के बारे में अपनी जिज्ञासा व्यक्त की। श्रीमती एकता गाबा ने सभी की शंकाओं को धैर्यपूर्वक सुनकर उनका समुचित समाधान बताया।

इस प्रकार मीडिया साक्षरता से संबंधित यह शिक्षक संवाद काफी ज्ञानवर्धक और दैनिक जीवन के लिए उपयोगी रहा।



## PM Shri Kendriya Vidyalaya No 2 Delhi Cantt-10

### Identification and assessment of CWSN ( Children with special needs )

#### ATR during the Session – 2023-24

A committee headed by G.C.Meena (TGT Science) was constituted, along with members Ms.Reena Kumari(Special Educator) and Mrs. Reeta Barik to ensure early identification of children with special needs to provide them with the appropriate support. This has been done through informal means as well as through organizing an identification / screening camp at school level and through the information received from the parents.

There are 16 children with special needs with various disabilities. Among them 05 are physically disabled, 03 are suffering from autism and speech delay, 02 students have learning disability, 02 students have intellectual disability and 01 suffer from hearing impairment.

A Special educator, qualified and registered with RCI, has been appointed to meet the children's academic development. She adopted various skills like – colouring, solving puzzles, outdoor activities, fine and gross motor skill activities, story telling techniques, tracing stroke shapes, lines, throwing balls, rhymes etc to cater the needs of all learners.



### Glimpses of CWSN children from Amrit Udhyan at President's House

**PM Shri Kendriya Vidyalaya No 2 Delhi Cantt-10**  
**Expert Talk on Sustainable Development**

The above event was held on 31 October 2023 at the auditorium of PM Shri Kendriya Vidyalaya No.2, New Delhi, which brought together a diverse audience comprising of students of classes IX-XII, and the teacher- educators of the school. The Sustainable Development Talk organized under the PM Shri Vidyalaya initiative served as a crucial platform for advancing the discourse on sustainable development in India. The event's primary focus was on fostering a deeper understanding of sustainable development goals and encouraging collaborative efforts to address pressing environmental, social, and economic challenges.

The event started with a welcome speech by Shri V K Mathpal, Principal, PM Shri Kendriya Vidyalaya No.2, New Delhi, and honoured the Expert- Mrs. Sweta Kumari, Assistant Professor, Netaji Subhas University of Technology [NSUT], Dwarka, New Delhi by giving her a Green Plant .

**Objectives:** The overarching objectives of the Sustainable Development Talk were:

- To raise awareness about the 17 important goals of sustainable development that must be achieved by 2030.
- To showcase successful models of sustainable development from across the nation.
- To inspire actionable initiatives and commitments toward sustainable development.

Mrs. Sweta Kumari, Assistant Professor, Netaji Subhas University of Technology [NSUT], Dwarka, New Delhi has been invited for the Expert talk because of her expertise in sustainable development. Her explanation of the 17 SDGs for sustainable development had a lasting impression on the students. Meaningful interaction was promoted by an interactive session that included panel discussions and Q&A sessions. The diverse audience of students actively participated, sharing insights, asking questions, and expressing a collective commitment to contributing to sustainable development.

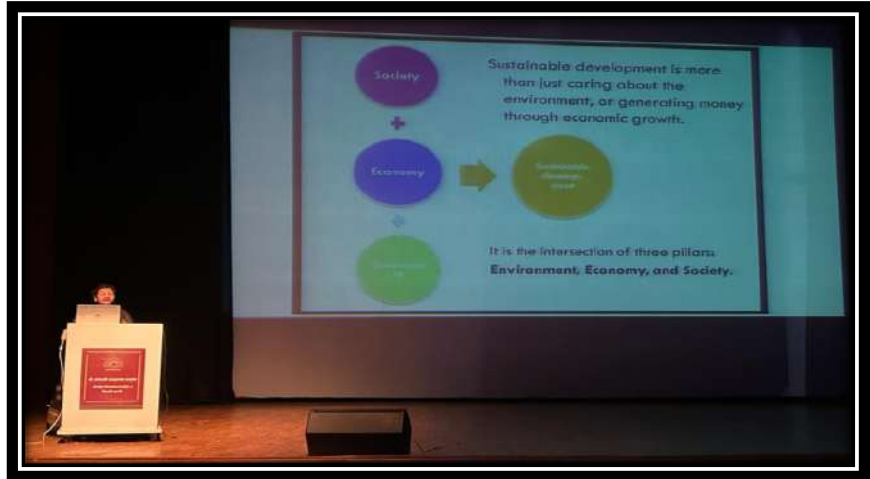
This Expert talk on Sustainable Development left a lasting impact on participants, fostering a sense of urgency and responsibility. Attendees expressed an increased awareness of the interconnected nature of sustainable development goals and a renewed commitment to implementing sustainable practices in their lives.

Feedback from participants highlighted the success of the event in achieving its objectives. Attendees praised the diverse perspectives presented by the Expert. The Sustainable Development Talk under PM Shri Vidyalaya emerged as a pivotal moment in advancing the national dialogue on sustainability.

Shri H S Meena, Vice Principal, expressed a vote of gratitude at the conclusion of the presentation.

**In-charge: Dr Mahesh Shriwastava, PGT Physics**





**PM Shri Kendriya Vidyalaya No 2 Delhi Cantt-10**  
**Vermi-Composting**

A fully functional Vermicomposting site have been developed in the Vidyalaya premises to decompose the waste of the plants and animals by the red-worm (earthworm). It is 8ft by 6ft in dimension, along with the outlet and inlet. The walls are made up of concrete and bear a height of 4 feet.



**In-charge: Anil K Gupta ( PGT Biology)**



## PM SHRI KENDRIYA VIDYALAYA NO 2, DELHI CANTT.

### IMPLEMENTATION of DRIP IRRIGATION

**Venue:** School Garden

**Report by:** Prince Ravi

**Introduction:** Under the heading of PM SHRI Activities Drip irrigation is implemented in our school since October 2023. Drip Irrigation an innovative and efficient method of watering plants by delivering water directly to the base of plants' roots, minimizing water wastage and optimizing plant growth. This report details the implementation of drip irrigation systems in our school's garden area.



**Objective:** The primary goal of introducing drip irrigation in our school garden was to conserve water, promote sustainable gardening practices, and provide a practical learning opportunity for students regarding efficient water management and agriculture.

**Implementation process:** The drip irrigation system was installed in the school garden during the last academic session in the month of October. Here's a breakdown of the implementation process:

- Assessment and Planning:** Our school garden area was assessed to determine water requirements, plant types, and layout considerations. A plan was developed in collaboration with irrigation experts, our team and led by Our Principal Sir to design an efficient drip irrigation system.
- Selection of Plants:** Based on the assessment, suitable plants were chosen that would thrive under drip irrigation. Considerations included water needs, root structure, and growth habits. Keeping such points in mind Plants like cabbage, peppers, lettuce, brinjal, tomatoes and different types of herbs were selected for the garden beds.
- System Design:** Our school collaborated with a local irrigation expert and school gardener to design a customized drip irrigation system tailored to the garden's layout and plant types. Factors considered included water pressure, plant water requirements, and layout efficiency.
- Component Installation:** The drip irrigation system comprised main water supply lines, sub-main lines, and drip lines with emitters. The installation team carefully laid out the tubing and emitters to ensure optimal water distribution across the garden beds.
- Testing and Calibration:** After installation, the system underwent thorough testing to ensure all components functioned correctly. Adjustments were made to emitter spacing and water pressure to achieve uniform water distribution. This testing is done under the guidance of Our Honourable Principal Sir, **Shri V. K. Mathpal.**

**Benefits:** The implementation of drip irrigation in our school garden has yielded several notable benefits:

- Water Conservation:** Drip irrigation significantly reduces water wastage compared to traditional watering methods like sprinklers or hoses.
- Improved Plant Health:** Plants receive water directly at the root zone, leading to healthier growth and reduced susceptibility to diseases caused by overwatering.
- Educational Value:** Students have gained firsthand experience in sustainable gardening practices and the science behind efficient water management.
- Cost Savings:** While initial setup costs were incurred, the long-term savings in water usage and maintenance costs are expected to offset these expenses.

**Challenges and Lessons Learned:** Despite the success of the project, we encountered a few challenges during implementation:

- Maintenance Needs:** Regular monitoring and maintenance are required to prevent clogging of emitters and ensure the system operates efficiently. For minimising this challenge, we add some senior students in our supervision team. Along with teachers these students regular monitories the garden area where system is installed.

**2. Technical Expertise:** Installing and managing drip irrigation systems require specialized knowledge and skills, which may pose challenges for schools with limited resources. For minimising this challenge, we contact local expertise by the help of our Principal Sir.

**Future Plans:** Looking ahead, we aim to expand the use of drip irrigation to other parts of the school grounds, such as the greenhouse and additional garden areas. This expansion will further promote sustainable practices and enhance educational opportunities for our students.

**Conclusion:** In conclusion, the introduction of drip irrigation in our school garden has been a successful endeavour, aligning with our commitment to environmental stewardship and practical education. The project underscores the importance of adopting sustainable technologies and empowering students with hands-on experiences in water-efficient gardening practices.

At last, I would like to give my heartiest thanks to Our Principal sir who took this decision for the betterment of society and all-round development of students.

**Team Members:**

1. Mr. H. S. Meena (Overall Incharge)
2. Mr. Naval Kishore (Overall Incharge)
3. Prince Ravi (I/C)
4. Mr. Lokesh Kumar Meena
5. Mr. Anil





## PM Shri Kendriya Vidyalaya No 2 Delhi Cantt-10

### Math Circle Activity

The new session commenced from 1st of April 2024. It ignited a wave of enthusiasm among the students as they brought in their new books, and notebooks, and in fact, a few came in with new bags and uniforms as well. After two-three weeks of basic chapters, they were ready for the innovative method of learning by doing the hand on activity on the topic Understanding Quadrilaterals. The students of Class VIII-D were divided into 6 groups, to perform the activity using origami sheets to demonstrate that “the sum of exterior angles of any polygon is  $360^\circ$ ”.

The students were provided with origami sheets, and they were provided with all materials required to do the activity like scissors, glue, and geometrical instruments. It was a two-period activity, and all the students of Maths Circle enjoyed doing it and gained a practical and deeper approach towards the concept behind it.

In-charge : Navin Kumar (PGT -Maths)







**PM Shri Kendriya Vidyalaya No 2 Delhi Cantt-10**

**SCIENCE CIRCLES ACTIVITIES**

**A REPORT**

**BY**

**Rashmi Singh (PGT-Chemistry)**

Under the PM SHRI Schools framework on School transformation and as per the guidelines of *Rashtriya Avishkar Abhiyan*, and in order to inculcate scientific temper, evidence based thinking, creativity and innovation, science circle activities, comprising of 5 students each from each class/section from classes 6<sup>th</sup> to 12<sup>th</sup>, was formed in the month of November 2023.

Science teachers are provided with science kits for primary, upper primary and secondary level to enrich the teachers and students with hands on and experiential learning. Students of the circle first learn to perform different activities related to their curriculum under the guidance of the subject teachers and then demonstrate these activities in front of the other students of the class from time to time. Other students also actively participate and perform the activities with the help of their friends thereby setting an example of learning by doing and peer learning.

Teachers also encourage all the students to correlate the science with their surroundings and day to day life hence amalgamating and integrating the science with other disciplines. Science exhibition was also conducted on 25<sup>th</sup> November 2023 in the Vidyalaya in which students from class 9<sup>th</sup> to 12<sup>th</sup> show cased their scientific and innovative ideas in the form of exhibits /working models / projects. Nearly 100 students participated in the exhibition. Students of primary and secondary section and all the teachers also witnessed the exhibition.

**Teacher In-charge: Rashmi Singh (PGT chemistry)**

**Members: Smt Sapna (TGT Science)**

**Smt Kadambary (TGT Science)**

**eAll PGTs and TGT Science**







**PM Shri Kendriya Vidyalaya No 2 Delhi Cantt-10**

**HEALTH CAMP**

**Date – 13<sup>th</sup> Dec 2023**

**Venue – Medical Room**

**A Report**

**By**

**Ms Sabitri Gupta (PGT Biology) I Shift**

A three-day health camp was organized in the school to ensure sound health of the students and spread awareness about maintaining a healthy life, as a prime activity under the PM SHRI SCHOOLS framework on school transformation. It was held on 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> of December 2023 in the school medical room. The camp started at 9.00 AM and continued till 3.30 PM on each day. There was great enthusiasm among the students as they eagerly waited for their turn. Two doctors, one assistant and the school nurse were present for this purpose. The students got themselves checked for BMI (Height and weight) followed by eye checkup and oral health care. Some students were advised to visit their doctor for further treatment.

A total of about 1250 students of X, XI and XII classes were examined in this 3-day health camp from both I and II shift. The program ended with an overall report by the doctors about the health of students who were advised to take balanced diet and to do regular exercises for maintaining good health

**Teacher Incharge : Ms Sabitri Gupta (PGT Biology)**



**PM Shri Kendriya Vidyalaya No 2 Delhi Cantt-10**

**Book talk by Book club**

**Date:29.11.2023**  
**For Classes VII & VIII**

**A Report**  
**by**  
**Ms Sweta Singh**

An fascinating, engaging and exciting Book Talk to promote reading habits and speaking skills among the students of class 7<sup>th</sup> was organized on 29<sup>th</sup> Nov 2023 in the Library in the 7<sup>th</sup> and 8<sup>th</sup> periods. The talk focused on the author, the title of the book, its cover design and some of the illustrations. Book talk is an effective way to introduce students to a wide variety of books and subject they will love to read.

Naitik Sharma, L.Hari Kishan, Dev Shehrawat, Princy Negi and Tejaswini of class seventh participated in the Book Talk and expressed their thoughts on the books they choose to read. Later on 8<sup>th</sup> Dec.,2023 students of class 8<sup>th</sup> conducted Book Talk very effectively.

Book talks helps children to trust their own ideas and interpretations to talk effectively about a book, deepening their understanding, shifting their ideas, thinking together as a group and moving comprehension forward. All the students participated with a lot of enthusiasm. The talk aimed at preparing students for future challenges that require effective communication and critical thinking.

**Incharge: Sweta Singh (Librarian)**  
**Member: Ms.Sapna( TGT Science)**





## PM Shri Kendriya Vidyalaya No 2 Delhi Cantt

### Digital Library

A **Digital Library** is a collection of digital objects, such as books, magazines, audio recordings, video recordings and other documents that are accessible electronically. In the Vidyalaya **7 systems** have been installed with the latest configuration of Dell Company. These systems have been placed in the Library to convert it into Digital Library.

#### Features of a Digital Library of the Vidyalaya:

- **No Physical Restrictions:** -One can access it from anywhere, even from the comfort of their homes! All that is required is a good Internet connection.
- **Multiple Access:** One main problem in traditional libraries is the restriction in using the same resource by multiple people simultaneously.
- **Easy-to-Use:** The work we have to do is search for the title or the author, and students will get book in no time.
- **Conservation and Preservation:** Physical books get damaged after being used and reused again. Their pages get torn, and print disappears with time.
- **No Limitation of Space:** The storage capacity of the traditional libraries is restricted due to the limited amount of physical space. On the other hand, there is no such limitation in the case of DLs
- **Not Time-Bound:** Digital libraries also solve this problem. All you need is to pay a minimum subscription price, and then you'll have access to all of their material until the subscription expires. There is no headache of returning the book on time.

**Scope of Improvement:** Digital Libraries have improved and advanced due to technological changes. Another exciting feature of digital libraries is that it's not just a library. Its spectrum is broader than the old school libraries





## PM Shri Kendriya Vidyalaya No 2 Delhi Cantt

### LED Interactive Touch Panel & Smart Class-Rooms

Under the PM Shri Project the Vidyalaya received & installed one EasyRite Smart Touch Interactive Panel in Physics Lab. Interactive panels, also known as interactive displays, are touch-sensitive screens that allow users to interact with digital content in real-time. These displays are becoming increasingly popular in educational and business settings due to their ability to enhance collaboration, engagement, and productivity

