

पीएम श्री केंद्रीय विद्यालय सीआरपीएफ गांधीनगर

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Magnet Wall for Joyful and Interactive Learning

“Progress..... Not Perfection”

To transform learning into an interactive, joyful, and hands-on experience, a **Magnet Learning Wall** was developed in the school premises. The wall serves as an open learning space where students can manipulate magnetic letters, numbers, shapes, pictures, and educational resources to explore concepts through play and experimentation.

A dedicated **Magnet Learning Wall** was developed within the school premises in Ground floor corridor having classroom 1A, I B and Balvatika-3. The Iron sheet wall was mounted on the wall adjacent to Balvatika-3 with easy access of class I students too. The wall was labelled as “ Progress..... Not perfection” and Iron sheet was covered with vibrant papers. Letters of Alphabet and varnmala were then printed, laminated and glued with Magnet, Picture cards too were printed, laminated and Glued with Magnet.

Highlights:

- Facilitated hands-on and interactive learning experiences.
- Enabled students to explore concepts creatively.
- Improved engagement, participation, and conceptual understanding.
- Supported inclusive and activity-based learning practices.
- Promotes experiential and hands-on learning.
- Improves memory retention through visual learning.
- Increases student participation and motivation.

The Magnetic Learning Wall promotes experiential learning by allowing students to actively participate in constructing knowledge rather than passively receiving information. It caters to diverse learning styles and supports competency-based education envisioned under NEP 2020 and PM SHRI Schools.

Objectives

1. To make teaching-learning interactive and learner-centric.

2. To promote experiential and activity-based learning.
3. To strengthen foundational literacy and numeracy skills.
4. To encourage creativity, collaboration, and problem-solving.
5. To provide an inclusive learning platform for all learners, including CWSN.
6. To foster curiosity and joyful learning beyond classroom boundaries.

Activities Conducted Using the Magnetic Wall

- Word formation and vocabulary-building games.
- Alphabet recognition and phonics activities.
- Number sequencing and counting exercises.
- Mathematical operations using magnetic numerals.
- Shape identification and pattern-making activities.
- Story sequencing with picture cards.
- Quiz and puzzle competitions.
- Environmental studies concept mapping.
- Collaborative group learning challenges.
- Creative design and model-making activities.

Learning Outcomes

Students were able to:

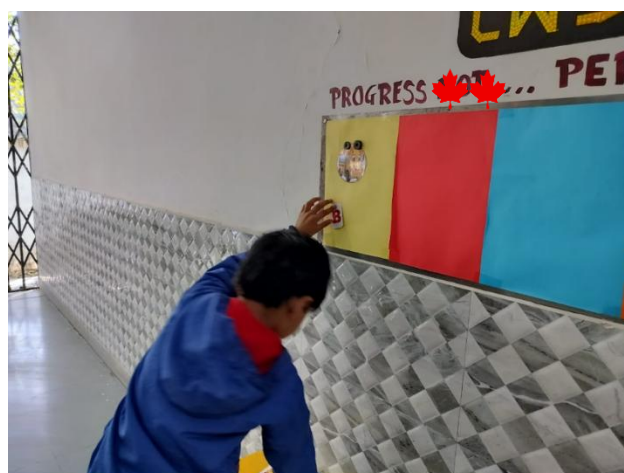
- Recognize and manipulate letters, words, numbers, and symbols effectively.
- Develop foundational literacy and numeracy competencies.
- Improve logical reasoning and critical thinking skills.
- Enhance communication and collaborative learning abilities.
- Strengthen problem-solving and decision-making skills.
- Demonstrate increased creativity and confidence in learning.
- Participate actively in hands-on and experiential learning tasks.

Innovative Features

- Learning through play and exploration.
- Reusable and eco-friendly teaching-learning resource.
- Suitable for both indoor and outdoor learning spaces.
- Supports multidisciplinary and competency-based education.
- Enables peer learning and collaborative engagement.
- Makes assessment interactive and observation-based.

Impact

The Magnetic Learning Wall has transformed ordinary spaces into vibrant learning zones, increasing student engagement, participation, and conceptual understanding. The initiative has made learning visible, joyful, inclusive, and meaningful, thereby fostering a culture of innovation and active learning within the school.



[Click here to see the video of](#)
Shardool, CWSN Child of class IB

