

पीएम श्री केंद्रीय विद्यालय सीआरपीएफ गांधीनगर

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Velcro Book for CWSN Children: An Innovative Tool for Inclusive Learning Student Name: Shardool

After Admission of Ma Shardool Joshi, Student of class IB, child with Multiple Disability (CWSN) The Idea of developing a **Velcro Book** for him came to mind to provide inclusive educational initiative that supports individualized, hands-on, and multisensory learning.

The book consists of detachable pictures, letters, numbers, words, shapes, and activity cards attached with Velcro, allowing children to manipulate and arrange learning materials independently. This interactive approach makes learning engaging, accessible, and meaningful for learners with diverse needs and abilities.

The Velcro Book provides a tactile and visual learning experience that helps children actively participate in classroom activities. It reduces dependence on traditional pen-and-paper tasks and enables learners to understand concepts through touch, movement, and interaction. The flexibility of the materials allows teachers to customize activities according to the child's learning level, pace, and specific educational needs.

Description of the Activity

A Velcro Book was prepared using concepts from the NCERT Class I syllabus. The book consists of colourful picture cards and movable learning materials attached with Velcro, enabling the student to actively participate in matching, sorting, identifying, and classifying activities.

Topics Included in the Velcro Book

- 1) Recognition of Alphabets (A–Z)
- 2) Letter-Picture Matching
- 3) Numbers (1–20)
- 4) Number Recognition and Counting
- 5) Shapes (Circle, Square, Triangle, Rectangle)

- 6) Colours
- 7) Big and Small
- 8) Long and Short
- 9) Tall and Short
- 10) More and Less
- 11) Heavy and Light
- 12) Addition



Teaching-Learning Process

Ma Shardool, was encouraged to identify, match, and place the correct Velcro cards. Activities were conducted using visual cues and hands-on learning experiences. Repetition and reinforcement were provided to strengthen concept understanding. Individualized support was given according to the student's learning needs and pace.

Areas of Learning Supported

 Language Development – letter recognition, word formation, vocabulary building, sentence construction, and reading readiness.

 Numeracy Skills – number recognition, counting, matching, sequencing, shapes, patterns, and basic mathematical operations.

 Environmental Studies – identification of animals, plants, community helpers, body parts, and everyday objects.

 Life Skills and Cognitive Development – classification, sorting, memory enhancement, problem-solving, and decision-making.

Learning Outcomes

- ☒ Improved communication and language skills.
- ☒ Enhanced foundational literacy and numeracy competencies.
- ☒ Better fine motor coordination and sensory development.
- ☒ Increased engagement, motivation, and classroom participation.



Click on above photo to see the Joy that Ma Shardool has of doing Velcro Book activity.

DOCUMENTARY – HOPE
ON PROGRESS OF Ma.Shardool (CWSN child)

Youtube link of Documentary
<https://youtu.be/TyPWaZwrqL4>