



The Mathematics Clinic at PMSHRI KV 1, Jalahalli, Bangalore, utilizes gifted students as mentors to foster an equitable and inclusive learning environment focused on developing problem-solving skills and understanding of mathematical concepts. This innovative educational approach ensures that all students, regardless of their initial proficiency, receive high-quality education. The peer-to-peer learning model not only makes complex concepts more accessible but also builds a sense of community and collaboration among students.



Capsules in the mathematics clinic are designed by the teacher based on foundational concepts or tailored to individual needs, ensuring comprehensive and personalized instruction. The focus on basic concepts guarantees a solid understanding of fundamental mathematical principles, while personalized capsules address specific struggles or areas requiring enrichment. This dual approach helps every student build confidence in tackling more complex problems.



# PMSHRI KENDRIYA VIDYALAYA NO 1 JALAHALLI WEST BENGALURU



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केन्द्रीय विद्यालय संगठन

## Mathematics Clinic

### PROJECT INNOVATION

Pillar 1: Curriculum, Pedagogy and Assessment

Implemented by:  
Shri Leena John, PGT Maths and Team



The goal of equity of concepts is achieved by using gifted students as mentors, ensuring no student falls behind due to varying initial understanding levels. Mentors help, identify and address knowledge gaps, providing tailored explanations and alternative methods of understanding. This individualized attention levels the playing field, improving the overall performance of the class and helping students develop a robust grasp of mathematical principles.

Interactive and practical engagement in the clinic sharpens problem-solving skills. Gifted students guide their peers through complex problems, sharing effective strategies and thought processes. This hands-on experience benefits both mentors and mentees, enhancing leadership and teaching skills for mentors and providing personalized instruction for mentees. This dual benefit system enriches the overall learning experience and prepares students for future academic challenges.



**Visited by: Hon'ble Commissioner KVS,  
Ms. Nidhi Pandey IIS and  
Hon'ble JC Admin Ms. Ajeeta Longjam IFS**

The mentorship model promotes a growth mindset among all students, inspiring them to achieve greater success. Mentors develop empathy and a deeper understanding of the subject through teaching, fostering a positive learning culture where students support each other. The teacher's role in designing the capsules, guided by continuous observation and assessment, ensures a responsive curriculum. The collaboration between teacher and mentors makes the capsules effective, promoting an environment of equitable learning and continuous improvement in mathematical understanding and problem-solving skills.