



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.

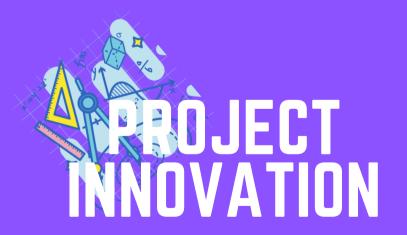
Capsules in the mathematics clinic are designed by the teacher based on foundational concepts or to individual tailored needs. ensuring comprehensive and personalized instruction. The focus on basic concepts guarantees a solid understanding of fundamental principles, mathematical while personalized capsules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



PMSHRI KENDRIYA VIDYALAYA NO 1 JALAHALLI WEST BENGALURU



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Pillar 1: Curriculum, Pedagogy and Assessment

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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.

The goal of equity of concepts is achieved by using gifted students as mentors, ensuring no student falls to varying initial due behind 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.





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 guided by continuous capsules, observation and assessment, ensures a responsive curriculum. The collaboration between teacher and mentors makes the effective, promoting capsules environment of equitable learning and continuous improvement in mathematical understanding and problem-solving skills.