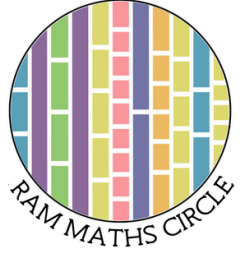
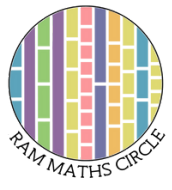


2024-25

Maths Circle Lodha Report



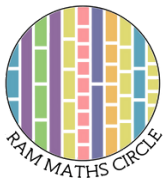


About Maths Circles

Maths Circles originated in Russia and have since expanded globally, attracting students eager to explore mathematics beyond the standard curriculum. These circles involve weekly sessions where mathematicians and educators engage students in solving non-routine mathematical problems.

Raising A Mathematician Foundation is one of the few institutions who have started Maths Circle in India.





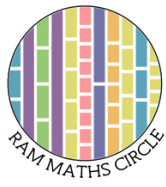
About Maths Circle @ RAM

RAM Maths Circle Lodha (MCL) aims to foster a love for mathematics through engaging problem-solving activities while building perseverance and confidence in tackling challenges.

A total of 71 students were the benefactors in 2024-25

School	Grade	No. of students
LWS Thane	5	56
LOS	6 & 7	15





Summary

The RAM Maths Circle Lodha 2024-25 successfully engaged students from Lodha World School (LWS) Thane and Lodha Oakwood School (LOS) through an 8-week online program conducted via Zoom. The program focused on making math fun, encouraging students to take risks in problem-solving, and identifying students with strong potential for further development.

Selection of the students

Students were selected based on interest and school recommendations. The focus was on engaging young learners and identifying those with strong perseverance in mathematical problem-solving.

Classroom structure

Sessions were conducted online via Zoom and followed this structure:

- Concept Introductions and Problem Solving – Engaging discussions on math problems.
- Group Discussions and Collaboration – Students worked together on problems.
- Assignments and Google Classroom – Homework was assigned, but engagement was low.

Faculties

- Led by experienced mathematics educators who focused on encouraging risk-taking in problem-solving.
- Emphasized guided discovery and fostering perseverance.

Teaching Assistants

- Assisted in student engagement during online sessions.
- Provided hints and support to students struggling with problems.

Assessment and Observations

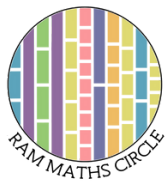
A Pre-Test and Post-Test were conducted.

- 20 students attended more than 50% of sessions and were considered for analysis.
- The average score in the Post-Test dropped by 8.8% compared to the Pre-Test.
- Some students avoided lengthy word problems, indicating areas for improvement.
- Lack of incentives may have affected student performance on assessments.

Recommendations for Future Levels

Identified 20 students grouped into three categories:

- Category 1: 4 students ready for advanced levels.
- Category 2: 9 students highly participative and promising.
- Category 3: 7 students committed but relatively quiet.
- Before proceeding to Level 1, a meeting with teachers, school leaders, and parents is recommended.
- Students progressing to Level 1 should demonstrate commitment to attending sessions and completing assignments.
- A 4-month online nurturing period starting July 2025 is advised to ensure sustained learning and progress.



Meet Our Team



FRIPA PETHAD
FACULTY

A trained homeopath and transcript editor by profession, Fripa is a founding teacher dedicated to training students for competitive math and is a lifelong learner at heart.



DRASHTI GADA
FACULTY

With over seven years of teaching experience and degrees in B.Sc. and M.Sc. Mathematics, along with a B.Ed., Drashti excels at transforming complex concepts into engaging learning experiences.



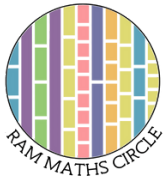
GANESH CHAKALI
TEACHING ASSISTANTS

An undergraduate student pursuing a B.Sc., B.Ed. in Mathematics at Azim Premji University, Ganesh is passionate about mathematics education and problem-solving.



SUNDARM SHARMA
TEACHING ASSISTANTS

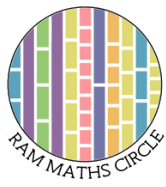
Currently pursuing an MSc in Mathematics from the University of Mumbai, Sundarm is an MTTTS attendee and freelance content writer.



Conclusion

The RAM Maths Circle Lodha 2024-25 provided an enriching introduction to problem-solving and mathematical thinking. The structured approach helped identify promising students who can be further nurtured through continued intervention. With increased engagement in assignments and structured support, the program can be scaled to greater success in the future.





Contact Us



+91 99873 75750



mathscircleram@gmail.com



www.mathscircle.org

Follow us on social media:



raisingamathematician



raisingamathematician



raisingamath



raising-a-mathematician-foundation/



RAMFoundation



Raising A Mathematician