

Understanding Teacher Needs for Starting and Running a Maths Circle

Maths Circle India Team

International Centre for Theoretical Sciences - TIFR, Bangalore

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Outline

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ICTS experience

Method

Examples outside ICTS

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Need and Gaps

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Discussion

What are Maths Circles?

Maths Circles are communities to nurture children's curiosity and talent in mathematics. They began as after-school programs in Soviet Union, where school teachers guided students to do problems outside their textbooks. They have since spread worldwide in many different forms.

ICTS Experience

ICTS-RRI Maths Circle

- ▶ Meeting on 2nd and 4th Saturdays of every month at **RRI, Mekhri Circle**.
- ▶ In collaboration with Raman Research Institute (RRI).

Maths Circle India

- ▶ Meeting on 1st and 3rd or 2nd and 4th Fridays over **Zoom**.
- ▶ In collaboration with a network of institutions and people across India.

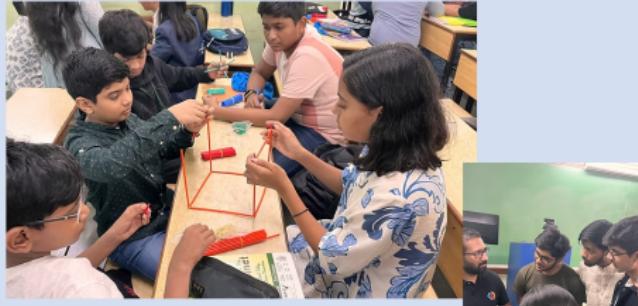
How we do it?



Other Maths Circles

RAM Maths Circles

Maths Circle Nagpur



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*Image source: raisingamathematician.com

Other Maths Circles

RAM Maths Circles

Maths Circle Chennai



*Image source: raisingamathematician.com

Other Maths Circles

RAM Maths Circles

Maths Circle Dombivli



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*Image source: raisingamathematician.com

Other Maths Circles

RAM Maths Circles

Palakkad Maths Circle - IIT Palakkad



*Image source: mathcircle.iitpkd.ac.in

Other Maths Circles

RAM Maths Circles

IISER Bhopal



*Image source: Ajit Bhand

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Needs and Gaps

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- ▶ Populous cities like Bangalore need multiple maths circles to accommodate the many students at different levels
- ▶ Sustaining circles requires collaboration among university faculty, school teachers, and administrators

Ask-Us-Anything



Scan the QR to submit your questions and/or see others' questions.

†Comments and suggestions are also welcome.

Thanks

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