

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

What are Maths Circles?

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The ICTS experience

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.

- ▶ Communities to encourage and nurture mathematical curiosity in children
- ▶ Originated in former Soviet Union (1930s) (present day Russian, Bulgaria)
- ▶ After-school programs led by teachers for students interested to do problems beyond textbooks
- ▶ Have since spread worldwide, taking diverse formats and approaches
- ▶ Share a common goal: joyful, collaborative exploration of mathematics

ICTS-RRI Maths Circle

- ▶ Meeting on 2nd and 4th Saturdays of every month at **RRI, Mekhri Circle**.

Maths Circle India

- ▶ Meeting on 1st and 3rd or 2nd and 4th Fridays over **Zoom**.