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🔗 [icts.res.in/outreach/icts-rri-maths-circle](https://icts.res.in/outreach/icts-rri-maths-circle)

Check out <https://www.icts.res.in/outreach/maths-circle-india> to know about Maths Circle India.

# ICTS-RRI Maths Circle

International Centre for Theoretical Sciences (ICTS-TIFR) and  
Raman Research Institute (RRI),

# ICTS-RRI Maths Circle

A Bengaluru-based initiative by International Centre for Theoretical Sciences (ICTS) together with Raman Research Institute (RRI) for secondary school students to identify mathematically inclined children at an early age, hone their aptitude and mathematics skills, and foster mathematical creativity. It encourages the creation of a network of mathematics communities across Bengaluru, consisting of students and educators. ICTS-RRI Maths Circle is part of the broader Maths Circle India (MCI) initiative which is being run online.

## WHAT IS MATHS CIRCLE

A small group of students will meet regularly with learning facilitators to engage in mathematical activities that encourage

**Originality and divergent thinking**

**Open-ended mathematical exploration**

**Collaboration instead of competition**

**Endurance and persistence, rather than speed**

**A playful disposition towards doing mathematics**

Active researchers in mathematics curate the activities. Facilitators will be experienced math educators and doctoral and postdoctoral researchers who excel at communication and pedagogy.

## HOW CAN I JOIN ?

Are you in grades 6th to 12th? Are you passionate about mathematics and like to discover and explore exciting ideas? Are you committed to participating in sessions twice a month? Then, solve the online exploration challenge and send it to us.



Raman Research Institute, Bengaluru



On the 2nd and 4th Saturdays of every month



10 am to 1 pm



[mathscircleindia@icts.res.in](mailto:mathscircleindia@icts.res.in)



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# Try this out

Every point on an infinite plane is coloured red, black or yellow.

The figure shows an example of the colouring of a rectangular portion of the plane.

Show that no matter what the colouring, there are always two points of the same colour exactly an inch apart.

