

VISION & GOALS

What is a Math Teachers' Circle (MTC)?

- Professional community of teachers (primarily middle school teachers) and mathematicians (typically professors)
- Regular meetings to work on rich mathematics problems

Core Features

- Regular meetings
- Sessions are led by a mathematician or co-led by a mathematician and a teacher
- Sessions focus on mathematically rich problems
- Most of each session is devoted to active mathematical exploration

What does a “typical” MTC look like?

- About 15-20 teachers and 3-4 mathematics professors
- Initial summer workshop
- 6-7 meetings each academic year

The MTC Network (www.mathteacherscircle.org)

- The MTC Network is the organization of all the MTCs around the U.S.
- All of these MTCs share the same core features, but every one is different and has been developed by local teams to meet local needs.

Overall Planning Goals

- Form a cohesive team
- Enjoy doing math together!
- Develop a plan for how you will work together to get your MTC started and run it in a sustainable way

Team Vision and Goals

- The vision and goals planning segment is intended to help you start to learn about each other's expectations and potential contributions, and to start forming a vision together of what your MTC will look like.
 - What will each team member contribute to the MTC?
 - What will the MTC contribute to our local mathematical community?
- After completing the vision and goals discussion guide, you should be ready to share:
 - Introductions of your team members and what roles they foresee playing in your MTC
 - A summary of the context for your MTC, including your biggest challenges and assets
 - A brief vision statement for your MTC that includes your primary goals