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.
  o What will each team member contribute to the MTC?
  o What will the MTC contribute to our local mathematical community?

• After completing the vision and goals discussion guide, you should be ready to share:
  o Introductions of your team members and what roles they foresee playing in your MTC
  o A summary of the context for your MTC, including your biggest challenges and assets
  o A brief vision statement for your MTC that includes your primary goals