

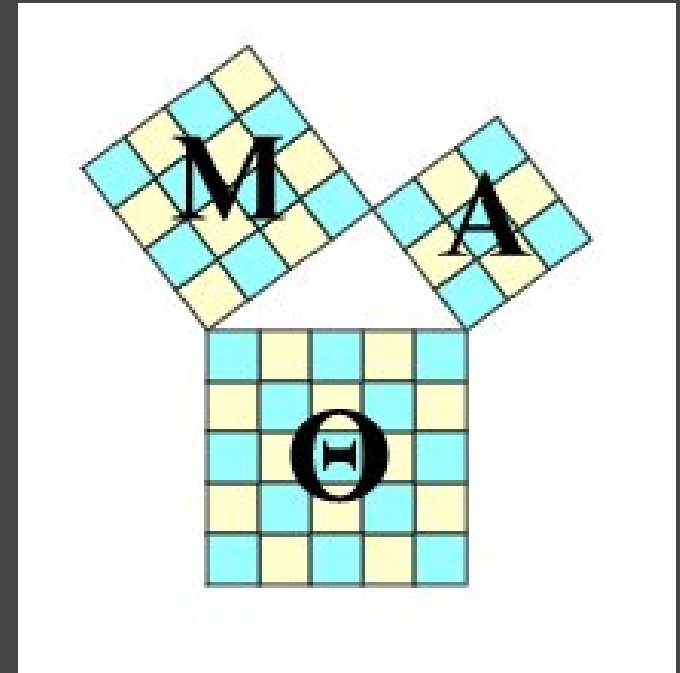
Orange County Math Circle:

Mu Alpha Theta

Mu Alpha Theta

- National math honors society that promotes math scholarship
 - Contests and awards
 - National Convention
 - Peer tutoring and community service in math

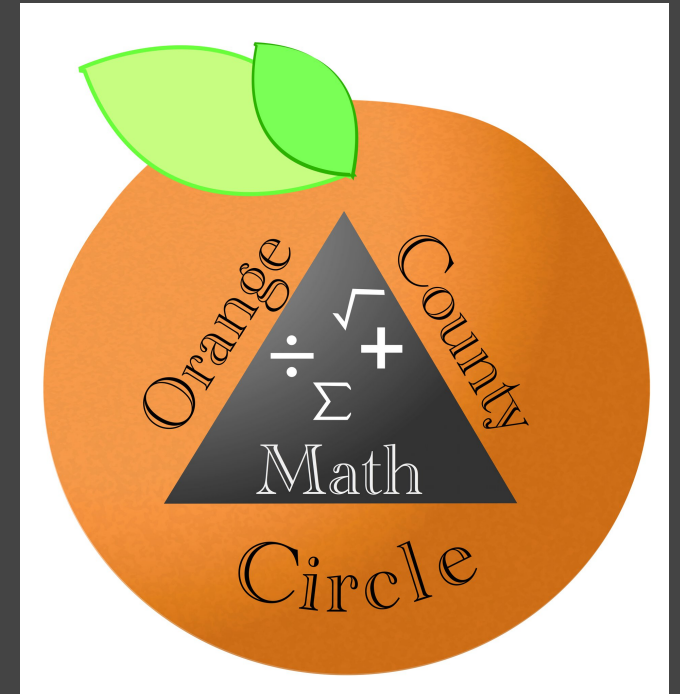
- Since it incorporates so many aspects of math scholarship, it's a better alternative to starting a school math club/team!



Mu Alpha Theta and OCMC

Because OCMC and Mu Alpha Theta share mission and value,

- OCMC and Mu Alpha Theta chapters can work together.
 - OCMC works as the local support organization to coordinate activities
 - Share resources
- Bring together more schools around Orange County with math scholarship
 - Adds more breadth to OCMC
 - Benefits local math community



Individual Benefits

- Leadership opportunities in Mu Alpha Theta chapters
- Volunteer opportunities within the chapter and outside the chapter
 - Peer tutoring
 - Organizing activities/events (OCMC and Mu Alpha Theta chapters)
- Being an innovator and showcasing leadership, ability, and commitment.
- Creating a better local math culture will strengthen your own abilities and environment.

How to Start a Chapter

[http://www.mualphatheta.org/How To Join/ProcedureChapters.aspx](http://www.mualphatheta.org/How_To_Join/ProcedureChapters.aspx)

- Keep the following in mind:
 - Chapters must regulate their own finances.
 - There is a \$15 initiation fee and \$10 membership fee.
 - Chapters must have a sponsor (willing and active adviser) at all times.
 - Joining only entails the granting of a charter. Additional grants must be applied for.

Once a Chapter is Started...



Keep it active!

- Actively integrate Mu Alpha Theta into school culture.
- Utilize technology
 - Websites (<http://mathclubs.org/>)
 - Resources at <http://www.mualphatheta.org/Default.aspx>
 - Email out updates constantly
 - Keep every member in the loop
 - Send out emails to school to include in newsletters or other public events
 - Discuss your program with teachers

Chapter Responsibilities



Keep it active!

- Regular Meetings!
 - Discuss math concepts
 - Plan volunteer events
 - Organize members (roles)
 - Help peer tutors create a structured "curriculum" for the people that you help teach
- New initiates

Chapter Responsibilities



Keep it active!

Regular Peer Tutoring

At school

- Help out students in your grade levels
- Work in coordination with teachers
 - Advertise your club's benefits.
 - Use school network to discuss the club.

Chapter Responsibilities



Keep it active!

Outside of school

- Tutor local math students
 - Go to local elementary/middle schools and help struggling students
 - Also help out math teams in those local schools
 - OCMC can provide practice material and lesson plans.

Chapter Responsibilities



Keep it active!

- Contests
 - National Contests
 - Mandelbrot
 - AMC 10/12
 - (California) Math League
 - Local contests
 - Mu Alpha Theta Contests
 - Rocket City Math League
- National Convention
 - Get ideas from other schools

Chapter Responsibilities



Keep it active!

- Communicate with OCMC
 - Source of volunteers with math experience
 - Share ideas about teaching students
 - Get advice from experienced teachers
 - Pool resources/ help each other.

Chapter Grants and Awards

- Chapter grants must be applied for. <http://www.mualphatheta.org/Grants/ChapterGrants.aspx>
 - This is important in being able to increase math scholarship by organizing math activities.
- Awards are granted to outstanding individuals, sponsors, and chapters.

Communicate with OCMC!

- Please email Vickie Ye (vickieye1116@yahoo.com) if you have interest in starting a Mu Alpha Theta Club or if you get stuck in the registration process.
- Once a club is started, please contact Alex Zivkovic (cuberalex@mac.com) if you require assistance with either teaching the classes, forming lesson plans, or tutoring fellow students.
 - He can point you to other OCMC members with skills in math competitions who can assist you in any way.
- We hope to keep in touch to make creating this club easier on you, so feel free to contact us if you need any help.

Questions?