

Collegial Circle Final Report

Please complete all information on this form. After it is complete, send it to the Teacher Center along with other supporting documentation. Electronic copies are preferred whenever possible.

COLLEGIAL CIRCLE INFORMATION

Title of Circle: Precalculus Common Core Study Standards Area: Mathematics
Facilitator: Kathleen Curtis School(s): MHS/SHS
Beginning Date: 10/21/15 Ending Date: 4/7/16 # of Hours: 10

Please submit copies of the following to this report:

- ✓ Collegial Circle Attendance Log
- ✓ Collegial Circle Meeting Log
- ✓ Samples of strategies implemented, materials created, or student work samples where applicable
- ✓ Collegial Circle Reflection Sheets - completed by each participant

COLLEGIAL CIRCLE DESCRIPTION

What was the anticipated goal(s) of this Collegial Circle?

Our goal was to become familiar with the modules for the fourth year of mathematics published by Common Core Inc and discuss instructional strategies presented and try exit tickets with students.

What grade level(s) and or subject area(s) will benefit from this Circle?

Precalculus and Calculus students will benefit, they range from 9th to 12th grades. Additionally, students taking science will benefit as we began to discuss topics that students seek to understand in science classes.

FINAL REFLECTIONS

Was the goal of your Collegial Circle met? Please explain.

Yes, we became familiar with the modules and have determined that some of the topics that are emphasized are not aligned well with what College Board recommends for pre-calculus nor the AP Calculus course.

How did the members of this Collegial Circle assess whether the outcome was met? What evidence was utilized to assess your progress?

Members have some priorities to consider as we adjust our pre-calculus program to align with the A2CC program and feed into Calculus and Introduction to College Mathematics.

How did your work impact teaching and learning? [include student work samples, lesson plans, peer reviews, etc.]

Our conversations around essential topics for this course helped us to recognize that we emphasize different things in each building and we worked to come closer to essentials and increase the applications that students will see next year, (and the remainder of this year).

Did your work align with the Level of Evaluation you identified in your proposal? Please explain. [Refer to the document, *5 Levels of Professional Development Evaluation*, on the TC webpage.

Our work primarily aligned with Levels 2 and 4. Participants learned more about the modules and connections to science and business through applications presented in the modules. We have applied some of this knowledge and applications to current classes.

Please include any additional comments you would like to share with the Collegial Circle Committee. This may include unanticipated outcomes, next steps, new learning, etc.

Discussions regarding balancing skills and applications prompted us to look into updated resources, I requested texts from 3 vendors. MHS does not currently have enough texts for all pre-calc kids. This is a problem we hope to resolve for September. Next steps curriculum writing for pre-calculus, text request, and meeting with the science department to discuss pre-calculus applications and connections between our two disciplines.