

Core-Plus Mathematics
2nd Edition, Course 3, MI

Preliminary Agenda

Monday, July 27

- 8:00 a.m. Coffee and Rolls (Schneider Hall, Student Lounge)
- 8:30 a.m. Welcome, Goals of the Workshop, and Introductions
Overview of the Third-Year of the Curriculum
- 9:30 a.m. Modeling the Instruction of Unit 1, *Reasoning and Proof*
- 12:00 p.m. Lunch – Bernhard Center Room 157-159
- 1:00 p.m. Overview of Algebra and Functions Strand
- 2:00 p.m. Instruction:
 - Goals
 - Pacing issues
 - Questioning
- 3:00 p.m. Planning Lessons
Using the Teacher’s Guide
Teacher’s Works CD
Assessment CD
- 4:30 p.m. Dismissal

Tuesday, July 28

- 8:00 a.m. Continuing the Algebra and Functions Strand
Modeling the instruction of Unit 2, *Inequalities and Linear Programming*
- 11:00 a.m. Assessment –
 - Embedded assessment in the *Core-Plus Mathematics* curriculum
 - Homework – Developing connected understanding and automating skills
 - Student work and rubrics
 - Student toolkits and paperwork management
- 12:00 p.m. Lunch – Bernhard Center Room 157-159
- 1:00 p.m. Continuing the Geometry and Trigonometry Strand
Modeling the instruction of Unit 3, *Similarity and Congruence*
- 4:30 p.m. Dismissal

Wednesday, July 29

- 8:00 a.m. Modeling the Instruction of Unit 6, *Circles and Circular Functions*
Using *CPMP-Tools* Geometry software
- 12:00 p.m. Lunch – Bernhard Center Room 157-159
- 1:00 p.m. Continuing the Statistics and Probability Strand
Modeling the instruction of Unit 4, *Samples and Variation*
Using *CPMP-Tools* Statistics software
- 4:30 p.m. Dismissal

Thursday, July 30

- 8:00 a.m. Lesson Planning Based on Unit 5, *Polynomials and Rational Functions*
- 11:00 a.m. Unit 7, *Recursion and Iteration*
- 12:00 p.m. Lunch – Bernhard Center Room 157-159
- 1:00 p.m. Unit 7, *Recursion and Iteration*
- 3:30 p.m. Using *CPMP-Tools* Discrete Mathematics Software
Choice of:
- (1) Building community support
 - (2) Mathematics program goals and evaluation plans
 - (3) Helping each other improve student learning
- 4:30 p.m. Dismissal

Friday, July 31

- 8:00 a.m. Unit 8, *Inverses of Functions and Logarithms*
- 11:00 a.m. Remaining Questions
Workshop Evaluation
- 12:00 p.m. Dismissal
Lunch – Bernhard Center