

Core-Plus Mathematics
2nd Edition, Course 4, 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 Fourth-Year of the Curriculum
- 9:30 a.m. Modeling the Instruction of Unit 1, *Families of Functions* and Lesson Planning
- 12:00 p.m. Lunch – Bernhard Center Room 157-159
- 1:00 p.m. Instruction:
 - Goals
 - Pacing issues
 - Questioning
- 2:30 p.m. Modeling the Instruction of Unit 2, *Vectors and Motion*
Using *CPMP-Tools* Geometry software
- 4:30 p.m. Dismissal

Tuesday, July 28

- 8:00 a.m. Unit 3, *Algebraic Functions and Equations* and Lesson Planning
- 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. Unit 4, *Trigonometric Functions and Equations*
- 4:30 p.m. Dismissal

Wednesday, July 29

- 8:00 a.m. Unit 5, *Exponential Functions, Logarithms, and Data Modeling*
Using *CPMP-Tools* Statistics software
- 12:00 p.m. Lunch – Bernhard Center Room 157-159
- 1:00 p.m. Unit 6, *Surfaces and Cross Sections*
- 4:30 p.m. Dismissal

Thursday, July 30

- 8:00 a.m. Unit 7, *Concepts of Calculus*
Using *CPMP-Tools*
- 12:00 p.m. Lunch – Bernhard Center Room 157-159
- 1:00 p.m. Unit 8, *Counting Methods and Induction*
- 3:30 p.m. 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 9, *Binomial Distributions and Statistical Inference*
Unit 10, *Information Processing and the Internet*
Unit 11, *The Mathematics of Democratic Decision Making*
- 11:00 a.m. Remaining Questions
Workshop Evaluation
- 12:00 p.m. Dismissal
Lunch – Bernhard Center Room 157-159