

Core-Plus Mathematics

Course 3

Preliminary Agenda

Monday, July 23

- 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
- 1:00 p.m. Unit 1 continued
- 3:00 p.m. Planning Lessons – Joint Course 1-3 Session
Using the Teacher’s Guide
Teacher’s Works CD
Assessment CD
- 4:30 p.m. Adjourn

Tuesday, July 24

- 8:00 a.m. Lesson Planning for Unit 2, *Inequalities and Linear Programming*
- 11:00 a.m. Choice of Joining Course 2 for 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
Or Continuing Lesson Planning for Unit 2
- 12:00 p.m. Lunch – Bernhard Center
- 1:00 p.m. Lesson Planning for Unit 3, *Similarity and Congruence*
- 3:30 p.m. A glimpse into CPMP classrooms – Joint Course 1-4 Session
- 4:30 p.m. Adjourn

Wednesday, July 25

- 8:00 a.m. Lesson Planning for Unit 4, *Samples and Variation*
Using *CPMP-Tools* Statistics software
- 12:00 p.m. Lunch – Bernhard Center
- 1:00 p.m. Lesson Planning for Unit 5, *Polynomials and Rational Functions*
- 3:30 p.m. Joint Course 1-3 Discussion
Building Community Support & Program Evaluation
- 4:30 p.m. Adjourn

Morning and afternoon breaks will be provided.

Thursday, July 26

- 8:00 a.m. Lesson Planning for Unit 6, *Circles and Circular Functions*
Using *CPMP-Tools* Geometry software
- 11:00 a.m. Lesson Planning for Unit 7, *Recursion and Iteration*
- 12:00 p.m. Lunch – Bernhard Center Room
- 1:00 p.m. Unit 7, continued
Using *CPMP-Tools* Discrete Mathematics Software
- 4:00 p.m. A new CPMP senior course for non-STEM college students – joint session
- 4:30 p.m. Adjourn

Friday, July 27

- 8:00 a.m. Unit 8, *Inverse Functions*
- 11:00 a.m. Remaining Questions
Workshop Evaluation
- 12:00 p.m. Adjourn
Lunch – Bernhard Center