Core-Plus Mathematics
Course 4: Preparation for Calculus
July 21-25, 2014
Preliminary Agenda

Monday, July 21
8:00 a.m. Welcome, Goals of the Workshop, and Introductions (Joint session)
Overview of CPMP and Update
8:30 a.m. Modeling the Instruction of Unit 1, Families of Functions, and Lesson Planning
12:00 p.m. Lunch – Bernhard Center
1:00 p.m. Modeling the Instruction of Unit 2, Vectors and Motion
Using CPMP-Tools Geometry software
4:30 p.m. Dismissal

Tuesday, July 22
8:00 a.m. Unit 3, Algebraic Functions and Equations and Lesson Planning
11:00 a.m. Choice of Joining Course 2 and 3 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 work on Unit 3

1:00 p.m. Unit 4, Trigonometric Functions and Equations
4:30 p.m. Dismissal

Morning and afternoon breaks will be provided.
Wednesday, July 23
8:00 a.m. Unit 5, *Exponential Functions, Logarithms, and Data Modeling*  
Using *CPMP-Tools* Statistics software
10:45 a.m. *Exponential Functions, Logarithms, and Data Modeling*, continued
12:00 p.m. Lunch – Bernhard Center
1:00 p.m. Unit 6, *Surfaces and Cross Sections*
3:30 p.m. Choice of breakout sessions to be announced
4:30 p.m. Dismissal

Thursday, July 24
8:00 a.m. Unit 6, *Surfaces and Cross Sections*, continued  
Using *CPMP-Tools*
9:30 a.m. Unit 7, *Concepts of Calculus*
12:00 p.m. Lunch – Bernhard Center Room 157-159
1:00 p.m. *Concepts of Calculus*, continued
3:00 p.m. Unit 8, *Counting Methods and Induction*
4:30 p.m. Dismissal

Friday, July 25
8:00 a.m. *Counting Methods and Induction*, continued
11:00 a.m. Remaining Questions and Workshop Evaluation
12:00 p.m. Dismissal
12:00 p.m. Lunch – Bernhard Center Room 157-159

Morning and afternoon breaks will be provided.