



# 2016 College and Career Readiness Implementation Institute

## SAMPLE MATHEMATICS AGENDA

### Institute Goals:

The two-day meeting aims to provide:

- An opportunity for participants to delve deeply into the contents of the college and career readiness (CCR) standards in mathematics and their implications for adult education.
- Practical information (methods and materials) about the key advances in instruction and curriculum that the CCR standards demand.
- Ready-to-use training materials in mathematics that will enable you to replicate institute activities with adult educators in your state.
- Access to committed groups of adult educators with whom you can share learning experiences, resources, and materials.

### Day One

8:00–9:00 a.m.      **Registration and Materials Distribution**

9–9:30 a.m.      **Welcome and Purpose-Setting**

9:30–10:30 a.m.      **Focusing on the Major Work of Each Level, Continued**

During this session, you will focus on concepts and skills in each level of learning that research shows are the most critical in preparing students for college and the world of work.

10:30–10:45 a.m.      **Break**



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10:45–11:45 a.m.     **Focusing on the Major Work of Each Level, Continued**

During this session, you will focus on concepts and skills in each level of learning that research shows are the most critical in preparing students for college and the world of work.

11:45 a.m.–1:15 p.m.     **Lunch**

1:15–3:15 p.m.     **Integrating the Mathematical Practices Into Lessons**

In this session, you will focus on how to integrate the mathematical practices into lessons related to specific content. The practices build on important processes and proficiencies with long-standing importance in mathematics education, such as problem-solving, reasoning and proof, and precise communications.

3:15–3:30 p.m.     **Break**

3:30–4:15 p.m.     **Engaging the Three Components of Rigor**

This session will focus on how connections among the three components of rigor are meant to work together within a level of learning. The components include conceptual understanding, procedural skill and fluency, and rigorous application of mathematics to real-world contexts. You will learn the importance of each component in teaching students to go beyond merely producing correct answers to address concepts from different perspectives.

4:15–4:30 p.m.     **Wrap-up**

This session will summarize progress made toward the institute's objectives and set the foundation for tomorrow's topics and discussions.



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## Day Two

8:30–9:15 a.m.

### **Reflections on Yesterday’s Session and Today’s Objectives**

This session will review feedback received at the end of day one and answer questions that participants might have after reflecting on day one activities.

9:15–10:00 a.m.

### **Engaging the Three Components of Rigor, Continued From Day One**

10:00–10:15 a.m.

### **Break**

10:15 –11:45 a.m.

### **Thinking Across Levels to Connect Learning**

In this session, you will take what you learned about the major work of a level and begin to think across levels to make connections between key math topics. Through carefully connecting concepts within and across levels, you will learn how to build students’ new understandings on previously learned concepts and skills.

11:45 a.m.–Noon

### **Wrap-up, Meeting Evaluation, and Goodbyes**