

Session 3

Overview and Objectives

By the end of this session, participants will be able to:

- Describe professional development approaches that have been linked to quality math instruction
- Deepen their understanding of the aspects numeracy by engaging with examples of math instruction (video and dividing $1\frac{3}{4} \div \frac{1}{2}$).
- Become familiar with the changes to adult education curriculum proposed by the NCEE
- Propose steps they will take individually to strengthen numeracy teaching to adults
- Analyze the supports and constraints they may face as they take steps to change how they teach math to adults

Readings

Click the title to download.

1. [Why Understanding \$1\frac{3}{4} \div \frac{1}{2}\$ Matters to Math Reform](#), pp.178-82 (Deagan, Brover, & Farina, 2001)
2. [Building on Foundations for Success: Teacher Preparation](#) pp. 39-50 (U.S. Department of Education, 2011)
3. [What Community College Developmental Mathematics Students Understand about Mathematics, Part 2: The Interviews](#) (Givvin, Stigler, & Thompson, 2011)
4. [What Does It Really Mean to Be College and Work Ready? The Mathematics Required of First Year Community College Students \(Executive Summary\)](#), (National Center on Education and the Economy, 2013)



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