

# CALM: Curriculum for Adults Learning Math

## What Massachusetts adult education teachers have said about CALM:

"I recently took an orientation of CALM, the Curriculum of Adult Learners for Math, which was so powerful, and I really like it. I have been implementing ...this year and observing positive outcomes in my classroom. I look forward to improving my practice..."

"I am implementing the CALM in my Adult Basic Education classes...to focus more on building conceptual understanding, rather than memorizing procedures of operations in isolation...makes much more sense to understand by showing what we're doing visually. [CALM] addresses the CCRSAE for Math rigorously, so I am very excited about the shift and knowledge that I'm building to improve my practice."

Do you have some curriculum pieces in place but can't figure out how to connect them while also incorporating the [College and Career Readiness Standards for Adult Education \(CCRSAE\)](#)? Does your present draft curriculum look very similar to what already exists in most workbooks and published texts? Does your present curriculum seem to focus primarily on procedures, drill, and memorization?

If so, it sounds like you could use some support! Maybe CALM is for you! CALM — Curriculum for Adults Learning Math — incorporates the CCRSAE content standards as well as the Standards for Mathematical Practice. It also clearly addresses the key instructional shifts: focus, coherence, and rigor. CALM does not include every single standard, but rather *focuses* on those key standards needed for adults to be successful math thinkers. CALM follows a *coherent* continuum that helps students developmentally progress through math topics by making connections among different math content. And, CALM addresses all three aspects of *rigor*: conceptual understanding, application, and procedural skill and fluency.

CALM SCOPE AND SEQUENCE OVERVIEW

Unit Title	Goals and Outcomes	Priority Standards
1 Exploring Area and Perimeter with Landscape Design	area, perimeter, and proportional reasoning to create a scale drawing of a backyard makeover.	2.NBT.1 3.MD.5 3.MD.7 3.MD.8 4.NBT.5 4.MD.3 5.OA.1 5.OA.2 6.G.3* 6.EE.1* 6.EE.2* 6.RP.1* 7.G.1*
2 Exploring Proportional Reasoning with a T-Shirt Business	proportional reasoning to create and analyze similar designs for different sizes of t-shirts.	2.MD.2 2.MD.3 6.RP.1* 6.RP.3d 7.G.1*
3 Exploring Benchmark Fractions and Percents with Surveys	benchmark fractions and percents to create pie charts to display survey data	1.MD.4 2.MD.3 3.NF.1 3.NF.2 3.NF.3 4.NF.6 5.NBT.1
4 Exploring Visualizations with Percents and Taxes	properties, measurement, and proportional reasoning with fractions, decimals, percents, and in order to calculate and compare tax rates	2.MD.10* 4.NF.6 5.NBT.1 6.RP.3c
5 Exploring Visualizations with Decimals in Everyday Life	properties and proportional reasoning in everyday life, such as reading scales and gauges	5.NBT.3 5.NBT.3a 5.NBT.4 5.NBT.7* 6.NS.6*
6 Exploring Visualizations with Decimals and Percents at Home and with Businesses	multiplication and division of decimals, fractions, and percents in order to work on a variety of real-world projects found at home and in business settings	5.NBT.2 5.NBT.7
7 Exploring Fractions and Integers with Meal Preparation	benchmark fractions to solve a problem involving real world application of fractions	3.NF.1 3.NF.2 3.NF.3 6.NS.6c 7.NS.1a 7.NS.1b
8 Exploring Adding and Subtracting Fractions with Boutiques	adding and subtracting fractions to create a recipe for lip balm	1.OA.4 4.NF.2 4.NF.3 5.NF.1 5.NF.2

## Want to learn more?

- [Download an Overview of CALM](#)
- [Download an overview Scope & Sequence for CALM](#)
- [Explore Unit 1 of CALM](#)
- [Download sample lessons](#)



Or, [click here](#) to contact the SABES Mathematics and Adult Numeracy Curriculum & Instruction PD Center.

If you are working on your own math curriculum and would like feedback or advice, please feel free to contact the [SABES Mathematics and Adult Numeracy Curriculum & Instruction PD Center](#) at [donnac@awi.net](mailto:donnac@awi.net).