

WIOA WEDNESDAY: CONTENT STANDARDS IN ADULT EDUCATION



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IN THE NEXT 60 MINUTES, I WILL PROVIDE:

- ▶ The federal and state laws applicable to Content Standards in Adult Education
- ▶ Opportunities for you to delve into the contents of the college and career readiness (CCR) standards 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 standards-aligned lesson plans and units in mathematics and literacy that can be used and adapted for your students.



CONTENT STANDARDS SERVE A PURPOSE

- ▶ Content standards clarify the skills and knowledge that adult learners need to know and be able to do in their roles as workers, parents and community members.

KEY WIOA PROVISIONS

- Under WIOA funds may be used for “Identifying curriculum frameworks and **aligning rigorous content standards** that specify what adult learners should know and be able to do...” (Sec. 223 (a)(2)(H)(I)i)

KEY WIOA PROVISIONS

- Under WIOA, a consideration is whether the eligible provider's activities, including whether reading, writing, speaking, mathematics, and English language acquisition instruction are based on the **best practices** derived from the most **rigorous** research available and appropriate, including **scientifically valid** research and **effective educational practice**. (Sec. 223(a)(1)(C)(i))

IOWA'S ADULT EDUCATION PROGRAMS

- ▶ All of Iowa's federal funded adult education programs must incorporate the federal College and Career Readiness Standards in instruction or other standards as appropriate to the instruction (i.e. employability skills, workplace preparation activities, & civics education).

ALIGNING CONTENT STANDARDS

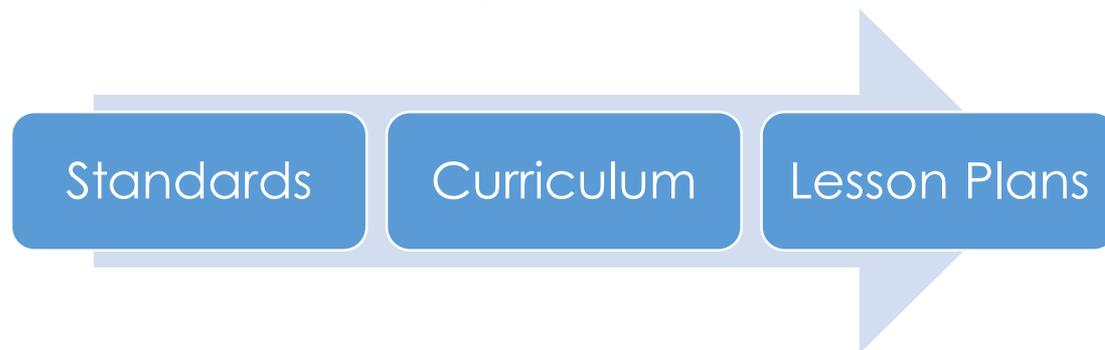
- ▶ By July 1, 2016, local programs were required to align their content standards for adult education with State-adopted challenging academic content standards (College and Career Readiness Standards), as adopted under section 1111(b)(1) of the Elementary and Secondary Education Act of 1965, as amended (20 U.S.C. 6311(b)(1)).

CONTENT STANDARDS CONT'D

- ▶ In addition, the United States Citizenship and Immigration (USCIS) has developed standards for Adult Citizenship Education that will help align activities and lesson plan development within integrated English literacy and civics education services.

CONTENT STANDARDS (CONT.)

- ▶ Iowa's standards and performance measures define the desired outcomes for instruction. Curricula and learning activities should be selected that lead students to the achievement of the knowledge and skills reflected in the standards. **Instruction must be designed in consideration of students' learning goals and needs.**

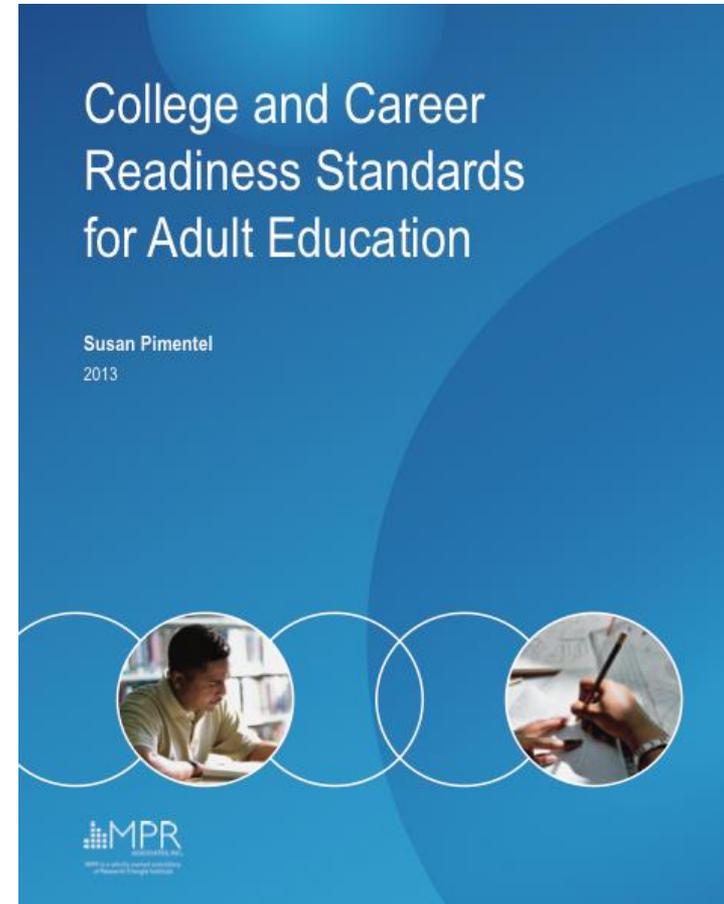


COLLEGE AND CAREER READINESS STANDARDS FOR ADULT EDUCATION

- ▶ A subset of the national Common Core State Standards (CCSS)
- ▶ Common abbreviations include CCRS, CCR, CCR Standards and the “Standards.”
- ▶ In Iowa we tend to refer to them as either CCRS or CCR Standards.

CCRS FOR ADULT EDUCATION

- ▶ Set of College and Career Readiness Standards
- ▶ <http://lincs.ed.gov/publications/pdf/CCRStandardsAdultEd.pdf>



PROCESS THAT LED TO THE CCR STANDARDS FOR ADULT EDUCATION

OCTAE created a deliberative, multilayered process:

- Convened two review panels—one in math and one in English language arts/literacy (ELA/literacy)—with a wide cross-section of experience and expertise.
- Used Common Core State Standards as the basis of the discussions (CCSS).
- Gathered feedback from colleagues around the nation and the lead CCSS writers.
- Established an evidence-based process.



EVIDENCE

1. ACT, Inc. 2009. *ACT National Curriculum Survey 2009*. Iowa City, IA: Author;
2. Conley, David T., Kathryn V. Drummond, Alicia de Gonzalez, Jennifer Rooseboom, and Odile Stout. 2011. *Reaching the Goal: The Applicability and Importance of the Common Core State Standards to College and Career Readiness*. Eugene, OR: Educational Policy Improvement Center (EPIC).
3. The American Mathematical Association of Two-Year Colleges (AMATYC). 1995. *Crossroads in Mathematics: Standards for Introductory College Mathematics Before Calculus*. Memphis, TN: Author.



EVIDENCE, CONT'D.

4. Casner-Lotto, Jill, and Linda Barrington. 2006. *Are They Really Ready to Work?: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century U.S. Workforce*. The Conference Board, Corporate Voices for Working Families, Partnership for 21st Century Skills, and Society for Human Resource Management.
5. ACT, Inc. 2011. ACT COMPASS Accessed November 30, 2011. <http://www.act.org/compass/>. American Council on Education.
6. New GED® Test. Accessed November 30, 2011. http://www.acenet.edu/AM/Template.cfm?Section=GED_TS. The College Board. 2011.
7. ACCUPLACER. Accessed November 30, 2011. <http://professionals.collegeboard.com/highered/placement/accuplacer>.



WHAT DID THE EVIDENCE TELL US IN ELA/LITERACY?

It told us to select standards that accentuate:

- The content of the grades 9-10 standards *but ensure texts students are reading are at college and career readiness levels.*
- Informational texts.
- Expository writing.



WHAT DID THE EVIDENCE TELL US IN MATHEMATICS?

It told us to select standards that:

- ▶ Supply students with solid *conceptual understanding* and show mathematics as more than just a set of procedures.
- ▶ Call for *speed and accuracy in calculations* using all number systems.
- ▶ Teach students how to *apply appropriate concepts and procedures*, even when not prompted, and in content areas outside of mathematics.



CCR STANDARDS ORGANIZED FOR ADULT EDUCATION SYSTEMS

- ▶ Panelists bundled the selected standards into five grade-level groupings to more closely reflect adult education levels of learning:
 - ELA/Literacy - A (K–1), B (2–3), C (4–5), D (6–8), and E (9–12)
 - Math - A (K–1), B (2–3), C (4–5 +6), D (6+ 7–8), and E (9–12)
- ▶ Standards were omitted primarily when they were too specific, redundant, included by other standards, or handled sufficiently in an earlier level.



WHAT THE CCR STANDARDS FOR ADULT EDUCATION ARE AND ARE NOT!

- ▶ They are *not* an order in which standards are to be taught.
- ▶ They are *not* directions about how instructors should teach.
- ▶ They are *not* a full spectrum of support and interventions for students.
- ▶ They are *not* a curriculum, so states and programs will need to complement them with high-quality curricula.
- ▶ They are *not* a definition of all that it takes to prepare students for college and careers (e.g., they do not include habits of mind).
- ▶ They are *not* a national or federal set of mandates.



THEY ARE...

A **model set** of evidence-based CCR standards for use by state and local adult education programs!



BENEFITS OF CCR STANDARDS

- ▶ Consistent expectations between K–12 and adult education systems so all students will have access to the preparation they need for college and career readiness.
- ▶ Partnerships between and among states and programs to create common tools and materials to support implementation, including:
 - Formative and summative assessments
 - Instructional materials
 - Teacher preparation and professional development opportunities



CCR Standards in ELA/Literacy



THREE KEY ADVANCES PROMPTED BY THE CCR STANDARDS FOR ADULT EDUCATION

1. **Complexity:** Regular practice with complex text (and its academic language)
2. **Evidence:** Reading, writing, and speaking grounded in evidence from text
3. **Knowledge:** Building knowledge through content-rich informational texts



THREE ADVANCES BOIL DOWN TO...

- ▶ Texts worth reading!
- ▶ Questions worth answering!
- ▶ Work worth doing!



CCR Standards in Mathematics



THREE KEY ADVANCES PROMPTED BY THE CCR STANDARDS

1. **Focus:** Focus strongly where the CCR standards focus.
2. **Coherence:** Design learning around coherent progressions level to level.
3. **Rigor:** Pursue conceptual understanding, procedural skill and fluency, and application—all with equal intensity.



CONCEPTUAL UNDERSTANDING, PROCEDURAL SKILL AND FLUENCY, AND APPLICATION

- ▶ A proper mix means students know “how to get the answer”; they can generalize and apply concepts from several perspectives.
- ▶ It means students can perform calculations with speed and accuracy (fluency) so they are able to access more complex concepts and procedures.
- ▶ When students have the ability to use math flexibly, they are then able to apply their knowledge to a wide variety of problems.



RECOMMENDED RESOURCES ALIGNED TO CCR STANDARDS

Recommended by National Trainers,
Meredith Liben & Mimi Alkire

DIGITAL PUBLIC LIBRARY OF AMERICA PRIMARY SOURCE SETS

The screenshot shows the DPLA Primary Source Sets interface. At the top, there is a navigation bar with links for Home, Exhibitions, Map, Timeline, and App. Below this is a search bar. The main heading is "Primary Source Sets". A paragraph of text explains that these sets are designed to help students develop critical thinking skills by exploring topics in history, literature, and culture through primary sources. Below the text are filters for Subject, Time Period, and Set type. The main content area displays a grid of nine source set cards, each with a representative image and a title:

- Women in the Civil War**
- A RED RECORD**
- The Story of the Boy of a Fort-Two**
- Environmental Preservation in the Progressive Era**
- SILENCE=DEATH**
- World War I: America Ready to Fight**
- Public Health Regulations in the US**
- The Yellow Fever Epidemic of 1879**
- The Underground Railroad and the Fugitive Slave Act of 1850**

CHANGE AGENT

- ▶ An adult education magazine for social justice. Subscribe at <http://changeagent.nelrc.org>
- ▶ *“Currently the most aligned instructional materials for AE available in one (cheap) bundle!” – Meredith Liben, National CCRS Trainer*



Issue 43

changeagent.nelrc.org

September 2016

THE CHANGE AGENT

Adult Education for
Social Justice: News,
Issues, and Ideas

TRANSPORTATION

I Ride My Bicycle to Class: 3
Walking Gets Me There: 4
The Lady on the Bus: 5
Mighty Blessings: 6
This is How I Leave Prison: 7
I Don't Want to Miss One Thing: 9
Using Transportation in U.S.: 10
The Camel Did a U-Turn: 12
Do Not Follow the Crowd: 14
Different as Sky and Land: 16
Free to Travel: 17
Comparing Two Systems:
The DR and Boston: 18
Haiti and Boston: 19
Man and his Shopping Cart: 20
Dismantling Public
Transportation: 21
Along the Racial Rail: 24
What is Transportation Justice: 26
People Before Highways: 28
Make Your Voice Count: 30
People and Public Transport: 32
Biking Keeps Us Healthy, Alive & Paid: 33
Bicycling—Why Not?: 34
For Our Health, For Planet: 35
Organizing to Improve Bus Service: 36
Transportation is a Human Right: 37
See Something, Say Something: 39
It's No "Breeze": 40
Stuck in the Snow: 42
Ride Yellow; Go Green: 43
MARTA Man in the Making: 44
Jobs in Transportation: 45
Getting Ahead in Transport: 46
Bus Driver is a Multi-Tasker: 49
The Ride There: 50
The First Railroad War: 52
Prison Transport: 54
Transported to Hell: 55



Ricardo Levitas Morales, first published in the 2015 St. Paul Almanac.

ENGAGING, EMPOWERING, AND READY-TO-USE.

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A MAGAZINE & WEBSITE: CHANGEAGENT.NELRC.ORG

CALIFORNIA'S CTE ONLINE

- ▶ Almost 4,000 lesson plans and 165 project-based learning curricula
- ▶ Lesson plans are for the most part Common Core aligned and could be worked with.
- ▶ <https://www.cteonline.org/cms/page/2016Projects>



Employment Portfolio Unit

The lessons in this unit will consist of activities that teach the student how to write a portfolio for a student organization or for a future job. The areas are: * Job Applications * Resumes * Job Interviews This unit is brought to you by Anita Homesley, with support from the CTE Online curriculum leadership team.

LINCS

- ▶ Professional development materials are designed to assist you in implementing CCR standards in your programs.
- ▶ 7 PD units in mathematics; 7 PD units in ELA-Literacy
- ▶ <http://lincs.ed.gov/programs/ccr>



ILLUSTRATIVE MATHEMATICS

- ▶ Provides instructional and assessment tasks, lesson plans, and other resources for teachers, assessment writers, and curriculum developers since 2011.
- ▶ <https://www.illustrativemathematics.org>

Welcome to Illustrative Mathematics

Providing instructional and assessment tasks, lesson plans, and other resources for teachers, assessment writers, and curriculum developers since 2011.

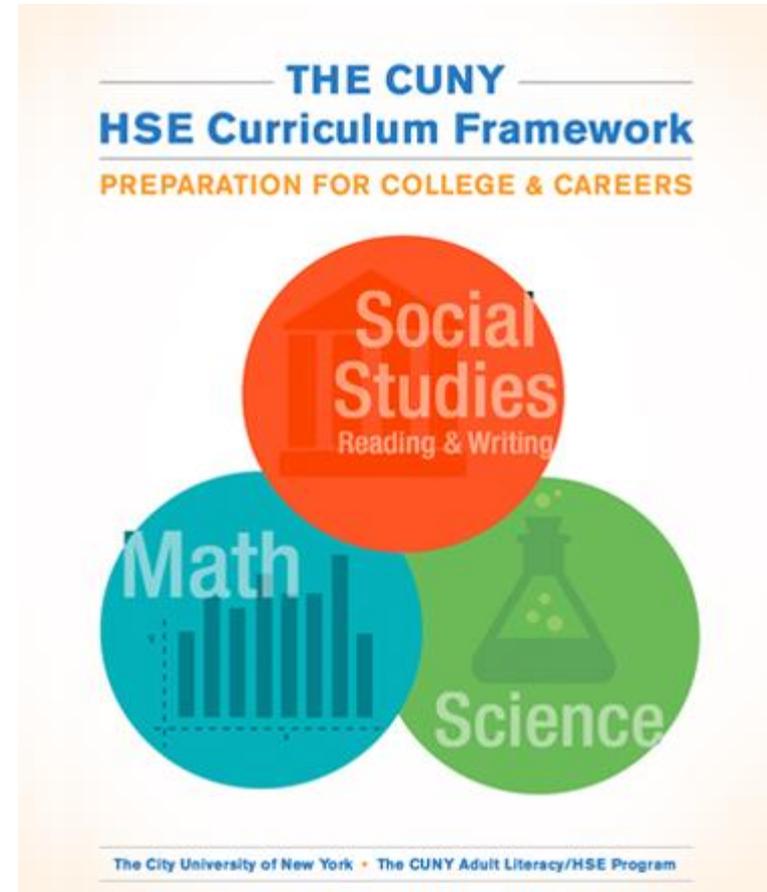
OERCOMMONS.ORG

- ▶ Dynamic digital library and network. Explore open education resources and join a network of educators dedicated to curriculum improvement.
- ▶ <https://www.oercommons.org>



CUNY HSE CURRICULUM FRAMEWORK

- ▶ The Framework provides direction, structure and materials for teaching math, science and social studies for adult education.
- ▶ <http://www2.cuny.edu/academics/academic-programs/model-programs/cuny-college-transition-programs/adult-literacy/cuny-hse-curriculum-framework/>



UDACITY.COM VISUALIZING ALGEBRA COURSE

- ▶ Throughout this free course, you will use algebra to quantify and describe the world around us.
- ▶ <https://www.udacity.com/course/visualizing-algebra--ma006>

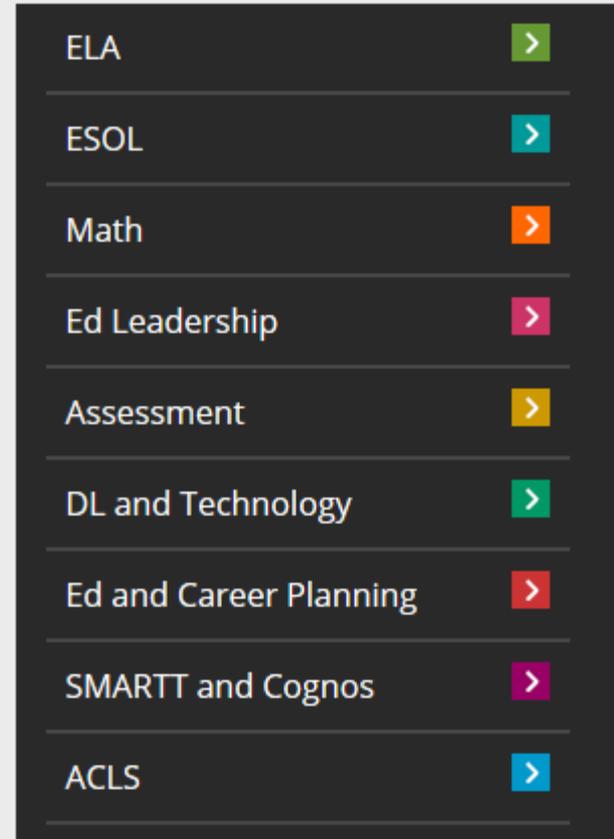
FREE COURSE

Visualizing Algebra
by **SJSU** SAN JOSÉ STATE
UNIVERSITY

Patterns and Problems

SYSTEM FOR ADULT BASIC EDUCATION SUPPORT(SABES)

- ▶ Great list of resources specifically to understanding the CCR Standards.
- ▶ Also check out the SABES Resource Library
- ▶ www.Sabes.org/CCRStandards



A screenshot of the SABES Resource Library menu, showing a list of categories with corresponding colored arrows pointing right. The categories are: ELA (green arrow), ESOL (teal arrow), Math (orange arrow), Ed Leadership (pink arrow), Assessment (yellow arrow), DL and Technology (green arrow), Ed and Career Planning (red arrow), SMARTT and Cognos (purple arrow), and ACLS (blue arrow).

ELA	>
ESOL	>
Math	>
Ed Leadership	>
Assessment	>
DL and Technology	>
Ed and Career Planning	>
SMARTT and Cognos	>
ACLS	>

ACHIEVEMENT NETWORK (ANET)

- ▶ Education nonprofit that works mostly with school leadership teams who then work directly with instructors.
- ▶ <http://www.achievementnetwork.org/lessons-standards>

Moving from “unpacking” to “understanding” math standards

$$20,000 \times 10 = 200,000$$

200,000 elephants lived in southern Africa.

saviest elephant in history weighed 23,647 pounds. Round the weight to the thousand and to the nearest hundred. Which answer is more accurate? Explain.

Thousand	Hundred
23,647	23,647
↓	↓
24,000	23,600
more accurate	NOT really accurate

Use this approach as part of teacher preparation, professional development, or planning meetings.

KENTUCKY ADULT EDUCATION

- ▶ Resource page on the College and Career Readiness Standards and Kentucky Employability Standards

- ▶ www.kyae.ky.gov/educators/ccr.htm

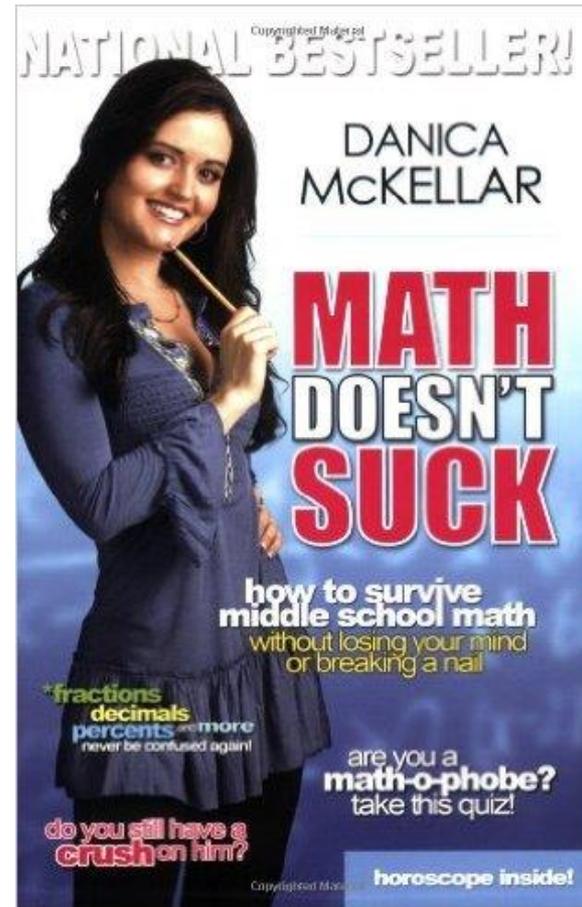
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DANICA MCKELLAR, MATH BOOK SERIES

- ▶ From a well-known actress (Winnie Cooper on *The Wonder Years*), math genius and popular contestant on *"Dancing With The Stars"*—a guide to mathematics for middle school girls, their parents, and educators.
- ▶ Available to purchase on Amazon



QUESTIONS?

THANK YOU FOR PARTICIPATING IN
WIOA WEDNESDAY!!