Rigorous Learning: the Common Core Standards and 21st Century Skills

Gayle Geitgey
geitgey@infohio.org

Need to Retool K-12 System

The current system is designed for a different time.

The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn.
- Alvin Toffler

http://www.flickr.com/photos/meredithharris/21299
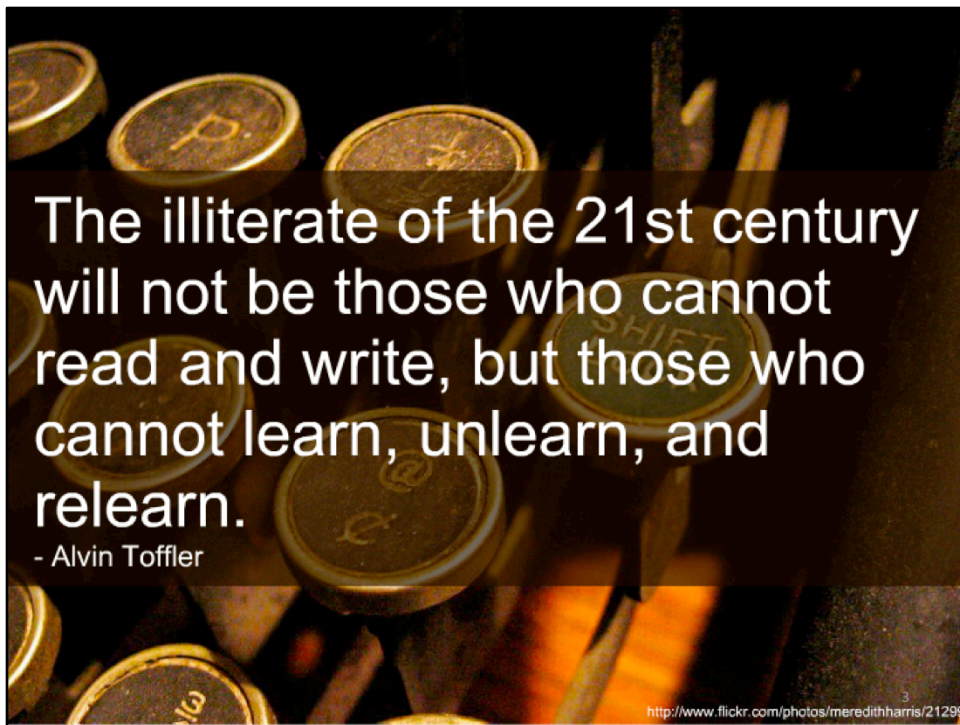
This quote summarizes the shifts that each teacher and student will be making as they begin to work with the Common Core standards.

Jobs Require More Education & Training

1973

28%

72%

2018

38%

62%

NO COLLEGE REQUIRED
COLLEGE REQUIRED
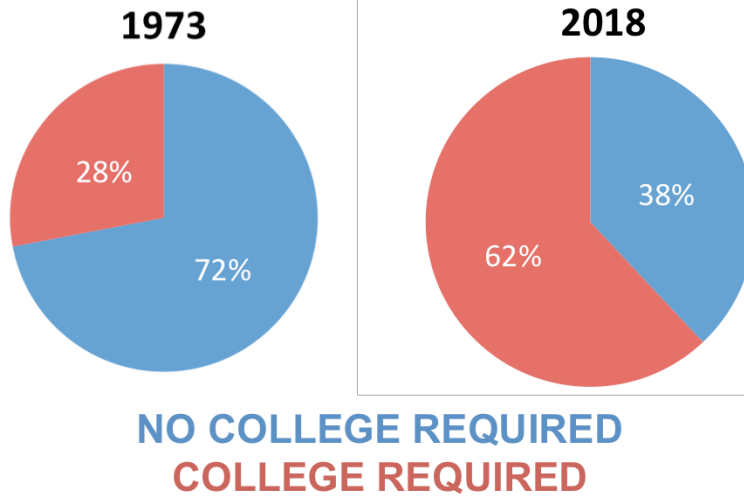
Georgetown Center on Education and the Workforce, 2010.

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Start Ready, Leave Ready

College and Career Readiness

Slide courtesy of ODE

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Start ready has become even more important with the 3 rd grade reading guarantee being legislated for the start of the 2013-14 school year. Schools will begin testing students and remediating with them this year. College and Career readiness has a new significance with the College and Career Ready Anchor standards for English Language Arts and

What do you know?   What should you know

Why do you care?

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Common Core Videos

Higher Expectations for a Brighter Future

New video outlines forces spurring change in Ohio schools

http:education.ohio.gov

Transition to Revised Standards

Provide learning progressions across grades Coherence

Are supported by model curricula Rigor & Relevance

Show a reduction in the amount of content to:

- **Be more manageable Clarity**
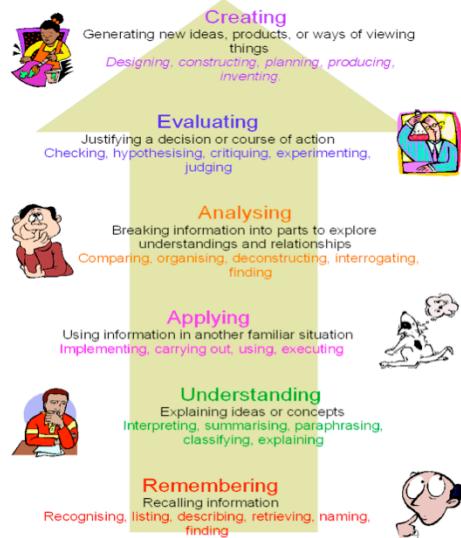- **Promote greater depth of learning Focus**

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Note coherence, rigor and relevance, clarity and focus for the standards. Spend a few minutes discussing what does it mean to have rigorous learning.

Bloom's and Rigor

"Rigor refers to academic rigor — learning in which students demonstrate a thorough, in-depth mastery of challenging tasks to develop cognitive skills through reflective thought, analysis, problem-solving, evaluation, or creativity."

Daggett, W., Rigor/Relevance Framework, International Center for Leadership in Education

BLOOM'S REVISED TAXONOMY

Creating
Generating new ideas, products, or ways of viewing things
Designing, constructing, planning, producing, inventing.

Evaluating
Justifying a decision or course of action
Checking, hypothesising, critiquing, experimenting, judging

Analysing
Breaking information into parts to explore understandings and relationships
Comparing, organising, deconstructing, interrogating, finding

Applying
Using information in another familiar situation
Implementing, carrying out, using, executing

Understanding
Explaining ideas or concepts
Interpreting, summarising, paraphrasing, classifying, explaining

Remembering
Recalling information
Recognising, listing, describing, retrieving, naming, finding

Good definition for rigor and how to apply Bloom's Taxonomy to the word rigor.

National Common Core Resources

National Common Core Resources
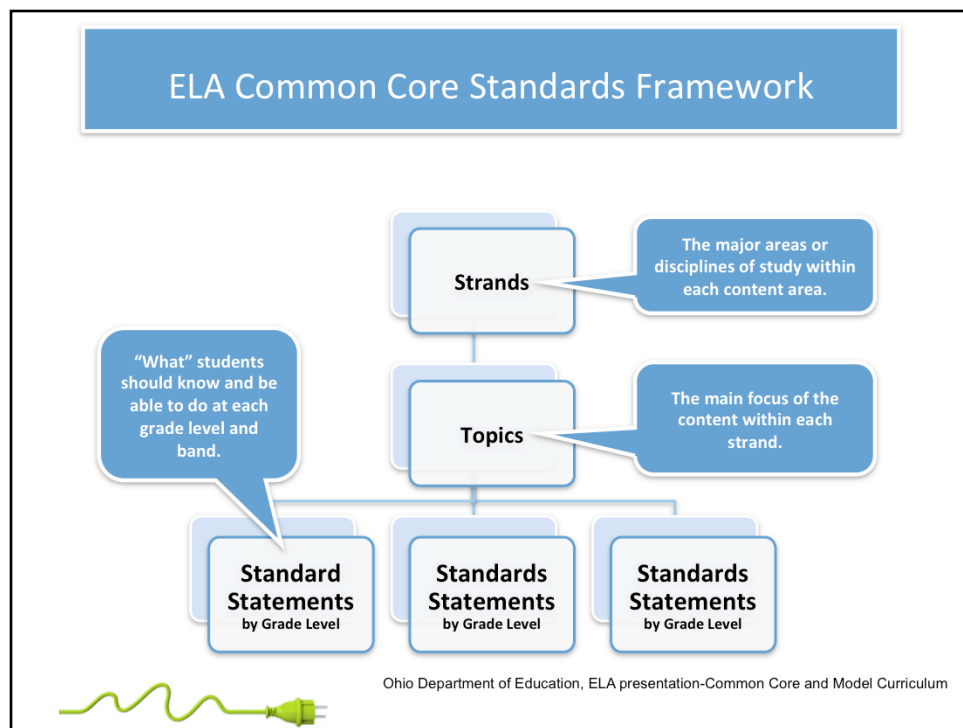
Common Core Standards: ELA

Shift in emphasis from *fiction to nonfiction* in reading and writing:

Grade	Share of Literary Content	Share of Information Content
4	50%	50%
8	45%	55%
12	30%	**70%**

Note the increased emphasis on nonfiction through the grade level progression. Note you may hear nonfiction called literary non-fiction.

ELA Common Core Standards Framework

Strands — The major areas or disciplines of study within each content area.

Topics — The main focus of the content within each strand.

"What" students should know and be able to do at each grade level and band.

Standard Statements by Grade Level | Standards Statements by Grade Level | Standards Statements by Grade Level

Ohio Department of Education, ELA presentation-Common Core and Model Curriculum
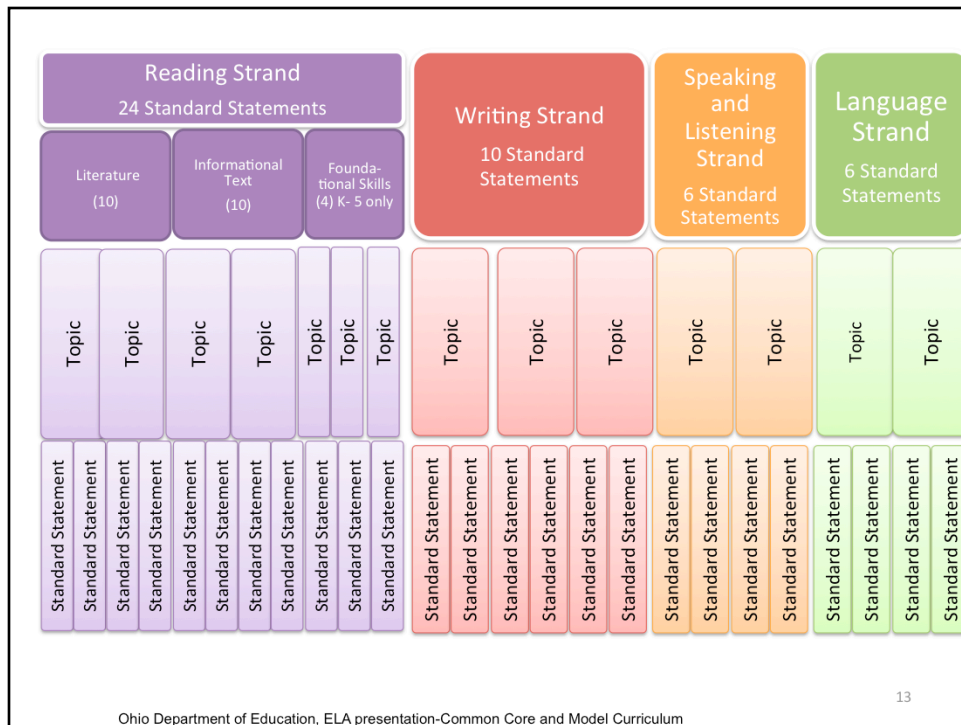
Common Core State Standards are organized by:

Strands -major areas of study: reading, writing, listening/speaking and language.

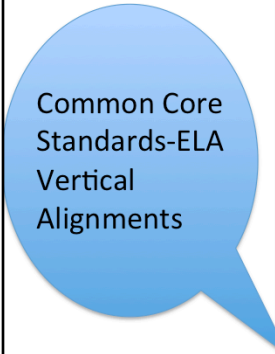**Topics** -organizational grouping of the standards

Standard Statements - essential knowledge and skills to be learned at each grade level or grade band

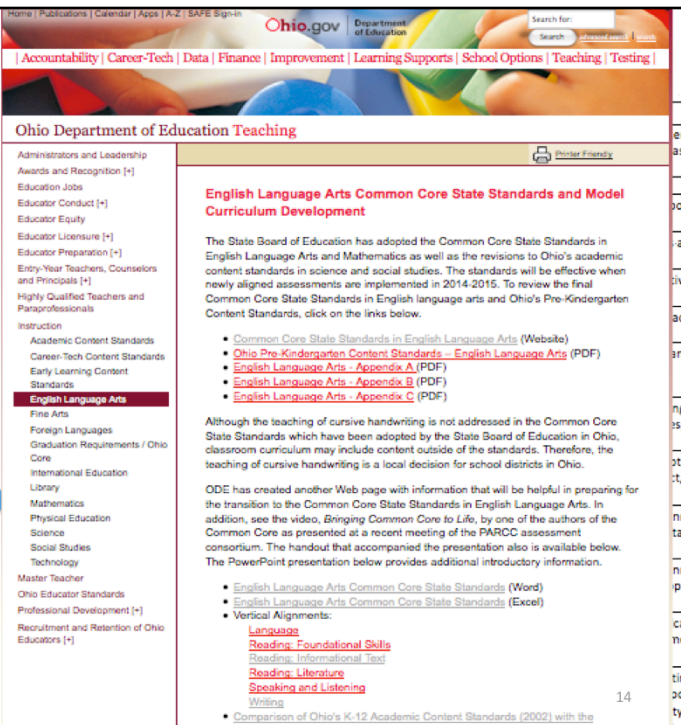Reminder: This is the ELA common core format. Math's format is different.

Here is a graphic representation of the strands, topics and standard statements.
Note: the number of topics and standard statements is not exact in this illustration.

These vertical alignments from the English Language Arts Common Core demonstrate the research strands in the Writing standards. Notice the scaffolding that occurs from one grade level to another.

Additional Components Common Core Standards

- Anchor standards (K-12)
- Literacy standards for History/Social Studies, Science and other Technical Subjects (Grades 6-12)
- Appendix A
  - Text complexity
- Appendix B
  - Illustrative texts
- Appendix C
  - Student writing exemplars
- Language Progressive Skills (Grades 3-12)

Ohio Department of Education, ELA presentation-Common Core and Model Curriculum
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The CCSS include anchor standards which can be found at the beginning of each strand. Because there are 10 standards for reading, there are 10 anchor standards. In addition to the anchor standards, there are three appendices that can further assist teachers. The Common Core also includes the literacy standards for History, Science, and other Technical Subjects for grades 6-12.

Appendix A – an excellent resource for understanding the topic of text complexity.
Appendix B – provides examples of grade appropriate text for each grade level. Caution: These titles are not to be used as a reading list. They are *examples* of text complexity appropriate for each grade. Appendix B also provides examples of performance tasks related to the exemplar texts for each grade level.
Appendix C – provides student writing exemplars for each grade level.

Common Core Connection

- What are the Literacy Standards?

Standards for *reading* and *writing* in
  - Science
  - Social Studies
  - History
  - Other Technical Subjects*

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Literacy standards for reading and writing in Science, Social Studies, History and Technical Subjects. Technical subjects can be Engineering or it could be Art.

To what grade levels
do the Literacy Standards apply?

Grades 6 - 12

Why not grades K – 5?

The Literacy Standards are predicated on the assumption that K-5 teachers *already teach reading and writing across content areas*.

Barnhart, Marcia, INFOhio Common Core ELA and Literacy Standards webinar, 2-12-12.

Notice the grade levels that are covered and the assumption thati is made about K-5.

Three Big Ideas

1. Literacy is everyone's job.

2. Students must **read** complex texts independently and proficiently in every discipline.

3. Students must **write** argumentative and explanatory texts in every discipline (process writing and on-demand writing).

Barnhart, Marcia, INFOhio Common Core ELA and Literacy Standards webinar, 2-12-12.

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Process writing – drafts required; on-demand writing – in classroom setting

Key Advances of the Common Core in ELA/Literacy

ENGLISH LANGUAGE ARTS/LITERACY

Balance of literature and **informational texts**; focus **on text complexity**

Emphasis on argument, informative/ explanatory writing, and **research**

Literacy standards for history, science and technical subjects

ANCHORED IN COLLEGE AND CAREER READINESS
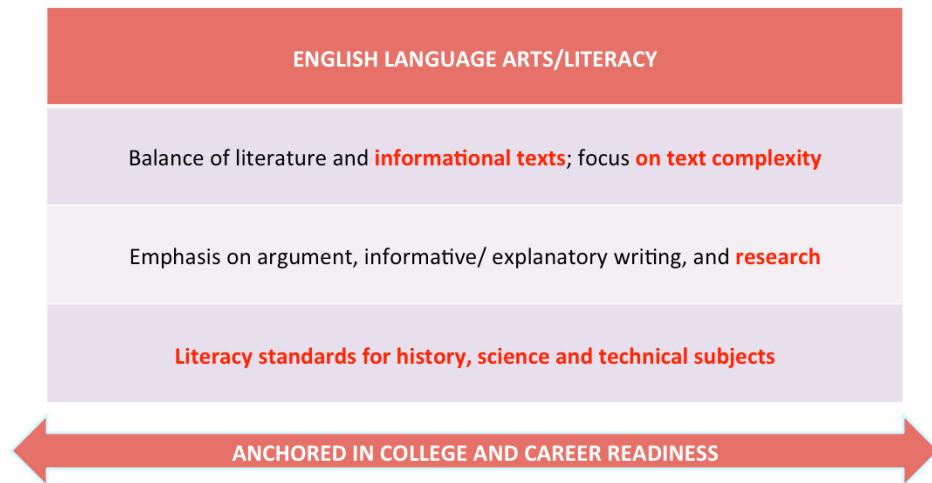
From Embracing the Common Core, Helping Students Thrive, ACHIEVE presentation. 2-15-12

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This slide summarizes the important pieces of the ELA Common Core standards.

State Transition Timeline

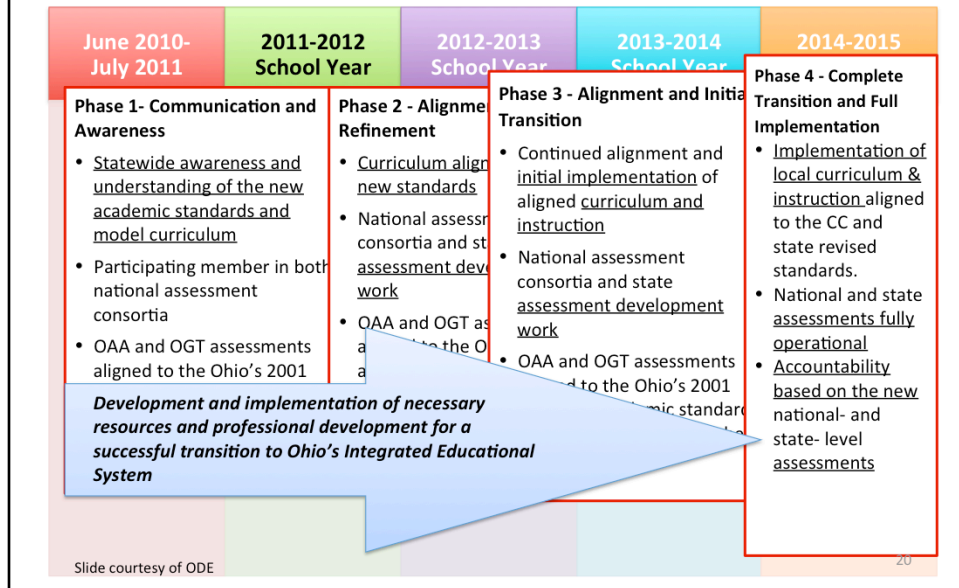| June 2010-July 2011	2011-2012 School Year	2012-2013 School Year	2013-2014 School Year	2014-2015

Phase 1- Communication and Awareness

- Statewide awareness and understanding of the new academic standards and model curriculum
- Participating member in both national assessment consortia
- OAA and OGT assessments aligned to the Ohio's 2001

Phase 2 - Alignment Refinement

- Curriculum align new standards
- National assessm consortia and st assessment dev work
- OAA and OGT as a to the O a

Phase 3 - Alignment and Initial Transition

- Continued alignment and initial implementation of aligned curriculum and instruction
- National assessment consortia and state assessment development work
- OAA and OGT assessments to the Ohio's 2001 mic standard

Phase 4 - Complete Transition and Full Implementation

- Implementation of local curriculum & instruction aligned to the CC and state revised standards.
- National and state assessments fully operational
- Accountability based on the new national- and state- level assessments

Development and implementation of necessary resources and professional development for a successful transition to Ohio's Integrated Educational System

Slide courtesy of ODE

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Please click through the animation

Underlining is meant to emphasize what new activities are occurring during that phase.

Partnership for Assessment of Readiness for College and Careers (PARCC)
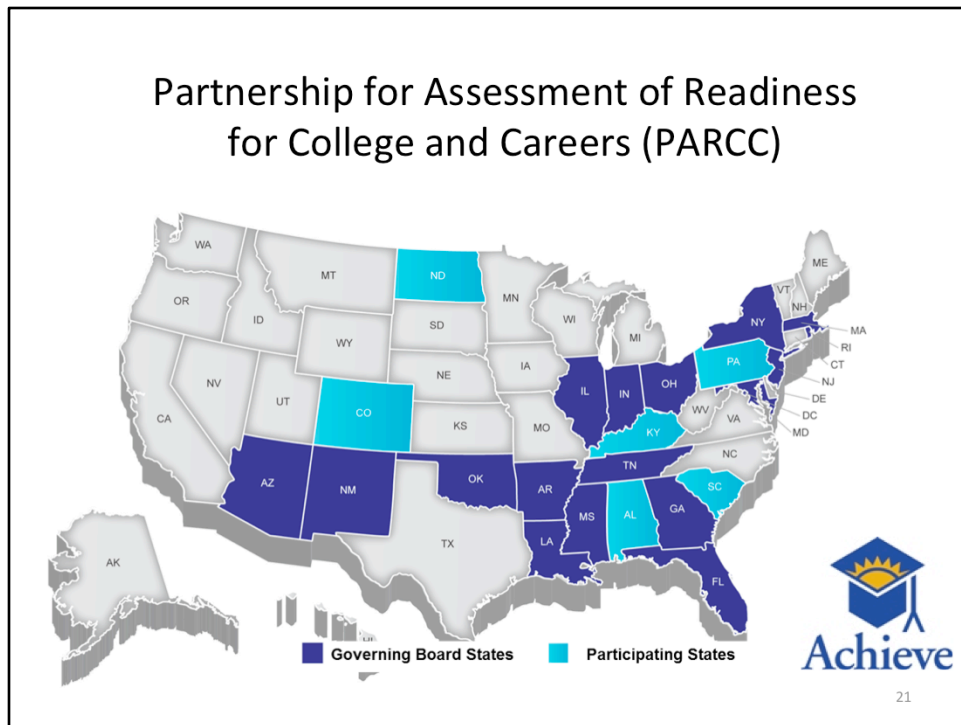
TALKING POINTS

PARCC is an alliance of 24 states, educating nearly 25 million students, that are working together to develop a common set of K-12 assessments in English and math anchored in what it takes to be ready for college and careers. PARCC is led by 18 governing board states (and D.C.) represented in Dark Blue.

Achieve is the project manager for PARCC, essentially serving as the staff for the consortium and coordinating the work.   Collectively the PARCC states educate nearly 25 million students.

Governing States will pilot and field test the assessment system components over the next three years and administer the new assessment system during the 2014-15 school year. Governing States will use the results from the PARCC assessments in their state accountability systems

The chief state school officers of the Governing States serve on the PARCC Governing Board and make decisions on behalf of the Partnership on major policies and operational procedures

Participating States (light blue) provide staff to serve on PARCC's design committees,
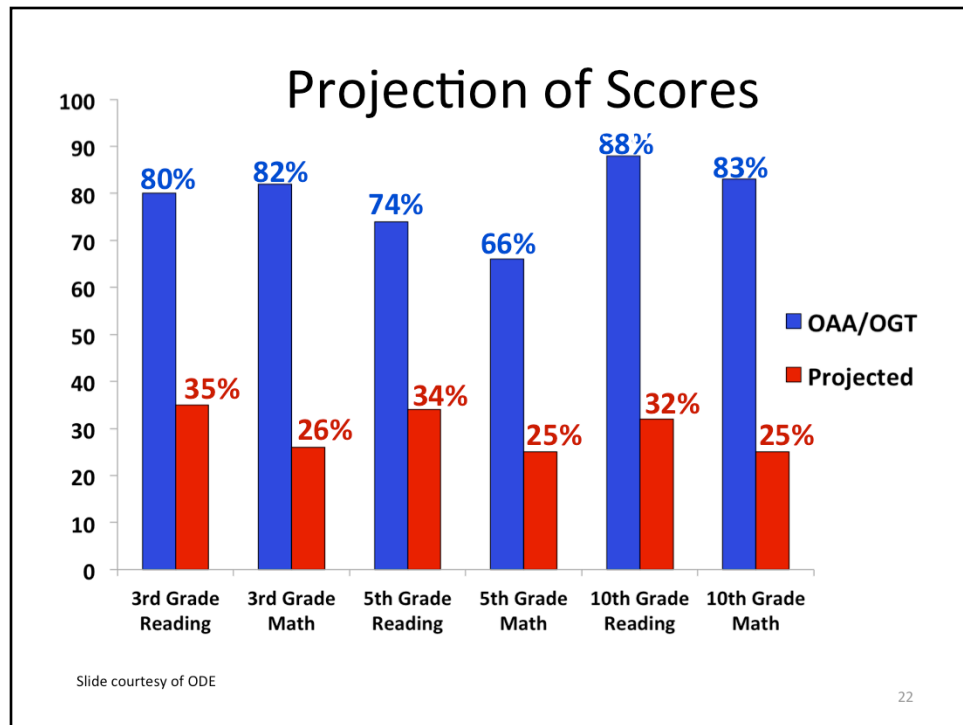
Discuss the change that will be coming in 2014 when the new testing is implemented as a result of the shift to the Common Core standards.

Good summary for what ELA Common Core will accomplish.

Making the Common Core Shift

➢ Check out the Common Core website.
➢ Familiarize yourself with the standards.
➢ Learn about the shifts created by the Common Core.
➢ Connect to INFOhio's Common Core Resources link.
➢ Review INFOhio's Tools for the Common Core resources.

Take time now to think about all the Common Core shifts you have learned and consider how you will be making changes in your practice to accommodate these shifts. Be sure to connect with the INFOhio Common Core Resources link.

# Where can you find the tools to help educators and students?

www.infohio.org

We will start our walk at www.INFOhio.org. This is the INFOhio homepage and let me just point out several jump off points.

1.What Is INFOhio?
2.Side buttons to tools that apply the electronic resources to instructional strategies
3.Middle slider –ebooks
4.Grade level and core collection buttons
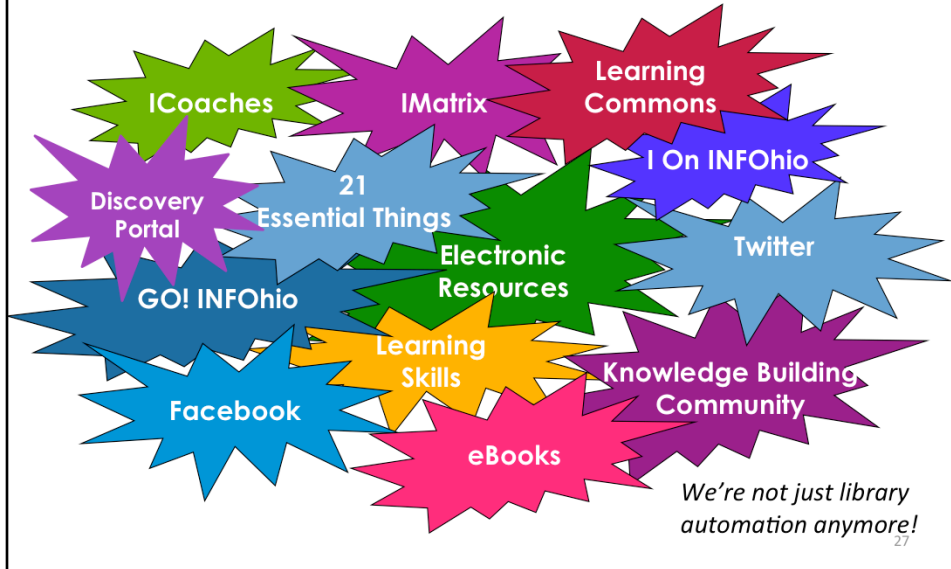
This slide illustrates the many INFOhio projects, resources, communications, etc.

Core Collection of Resources

This core collection of 16 high quality resources is available to you and your students 24x7.

If you are at home, you will need the user name and password you see on your handout.