

**Common Core
State Standards**
in
English Language Arts
and
Mathematics
for
Grades Kindergarten – 12th

Arkansas State Board of Education

Adopted July 12, 2010

What is the Common Core State Standards Initiative?

A state-led effort to establish a single set of clear standards for English/language arts and mathematics throughout the nation.

Common Core State Standards

Two major components...

1) Standards

2) Assessments

Glossary of Terms

Partnership for Assessment of Readiness for College and Careers (PARCC): one of two state consortia using federal *Race to the Top* funds to craft shared assessments in mathematics and English/language arts

SMARTER Balanced Assessment Consortium: one of two state consortia using federal *Race to the Top* funds to craft shared assessments in mathematics and English/language arts

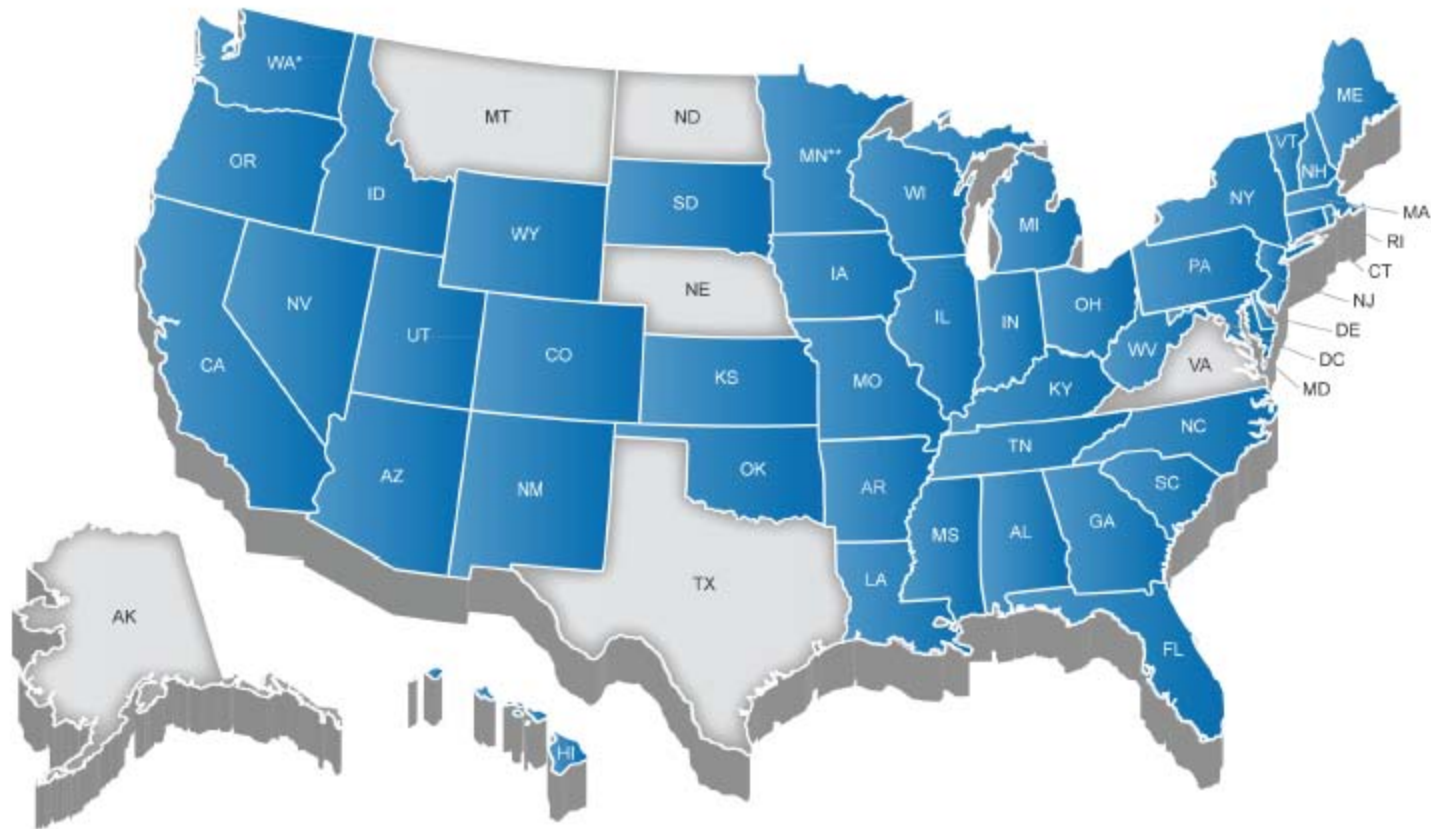
Glossary of Terms

Domains: overarching ideas that connect topics across the grades

Clusters: illustrate progression of increasing complexity from grade to grade

Standards: define what students should know and be able to do at each grade level

As of May 2011, 44 States + DC have adopted the Common Core State Standards



* Washington has adopted the CCSS provisionally

** Minnesota adopted the CCSS in ELA only

Why now?

- ◆ **Disparate standards across states**
- ◆ **Student mobility**
- ◆ **Global competition**
- ◆ **Today's jobs require different skills**

Common Core State Standards Design

Building on the strength of current state standards, the CCSS are designed to be:

- ◆ Focused, coherent, clear and rigorous
- ◆ Internationally benchmarked
- ◆ Evidence and research based
- ◆ Anchored in college and career readiness*

* Ready for first-year credit-bearing, postsecondary coursework in mathematics and English without the need for remediation.

Overview of K-8 Mathematics Standards

The K-8 mathematics standards:

- ◆ The **K-5** standards provide students with a solid foundation in *whole numbers, addition, subtraction, multiplication, division, fractions and decimals*
- ◆ The **6-8** standards describe robust learning in *geometry, algebra and probability/statistics*

Overview of K-8 Mathematics Standards

- ◆ Modeled after the focus of standards from high-performing nations, the standards for grades 7 and 8 include *significant algebra and geometry content*
- ◆ Students who have completed 7th grade and mastered the content and skills will be *prepared for algebra in 8th grade or after*

Overview of High School Mathematics Standards

The high school mathematics standards:

- ◆ Call on students to practice *applying mathematical ways of thinking* to real world issues and challenges
- ◆ Require students to develop a *depth of understanding and ability to apply mathematics to novel situations*, for example, preparing a cost analysis for a company

Overview of High School Mathematics Standards

- ◆ Emphasize *mathematical modeling*, the use of mathematics and statistics to *analyze empirical situations*, understand them better and improve decisions
- ◆ Identify the mathematics that all students should study in order to be *college and career ready*

Major difference between current Arkansas frameworks & Common Core State Standards

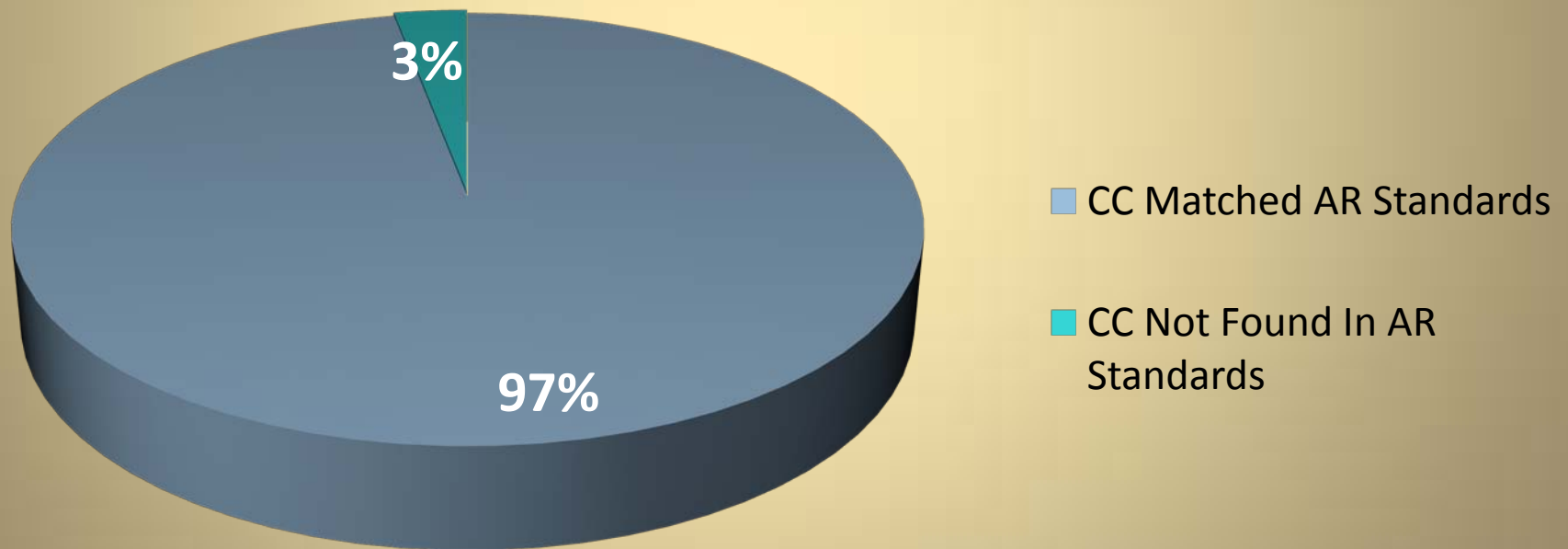
More rigorous content at lower grade levels.

Gap Analysis -- Mathematics

How well aligned do you think the Arkansas Standards are to the Common Core State Standards in Mathematics?

Gap Analysis -- Mathematics: Overall

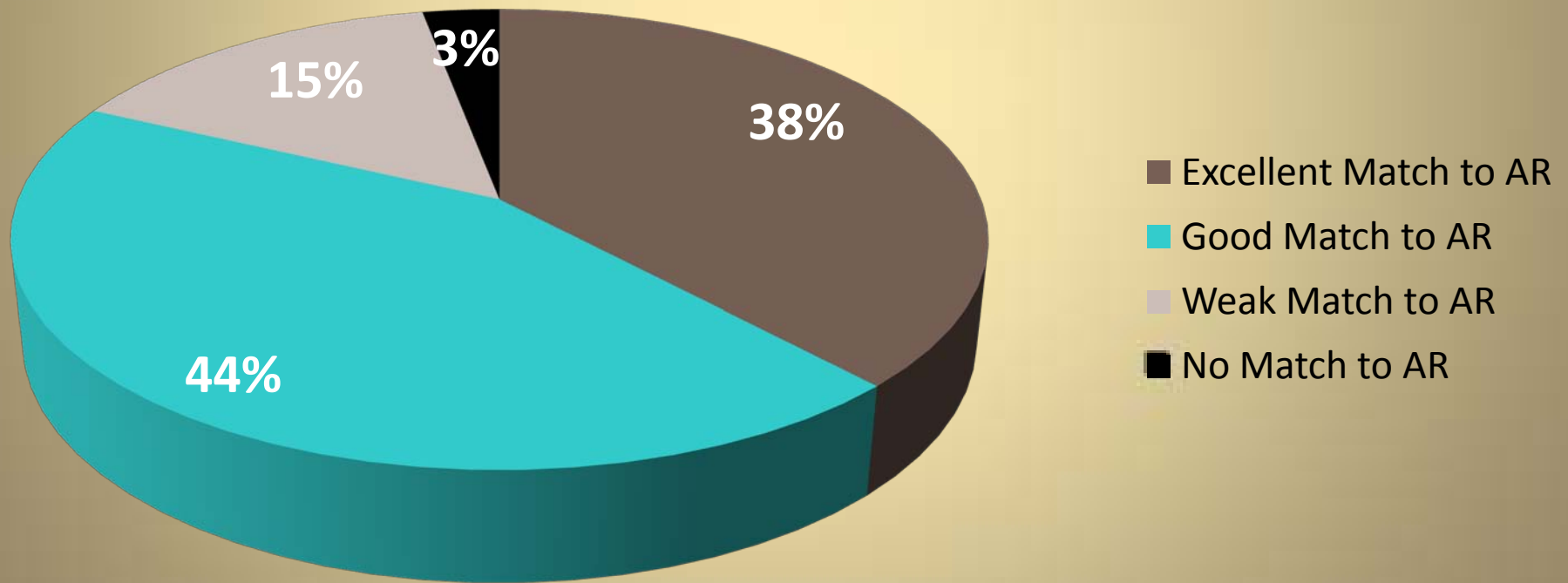
What percentage of the Common Core Math Standards matched* with the Arkansas Math Standards?



* Match conducted by Arkansas Department of Education and educators from across the state using Achieve's Common Core Comparison tool.

Gap Analysis -- Mathematics: Digging Deeper into the Matched Standards

How strong were the matches* between the K-12 Common Core Standards and the Arkansas Math Standards?



* Match conducted by Arkansas Department of Education and educators from across the state using Achieve's Common Core Comparison tool.

Overview of Reading Strand

Reading

- ◆ Progressive development of reading comprehension; students gain more from what they read
- ◆ Emphasize the importance of grade-level texts that are of appropriate difficulty and are increasingly sophisticated

Overview of Reading Strand

Domains

- ◆ Standards for Reading Foundational Skills (K-5)
- ◆ Reading Standards for Literature (K-12)
- ◆ Reading Standards for Informational Text (K-12)
- ◆ Reading Standards for Literacy in History/Social Studies (6-12)
- ◆ Reading Standards for Literacy in Science and Technical Subjects (6-12)

Overview of Writing Strand

Writing

- ◆ Expect students to compose arguments and opinions, informative/explanatory pieces and narrative texts
- ◆ Focus on the use of reason and evidence to substantiate an argument or claim
- ◆ Emphasize ability to conduct research – short projects and sustained inquiry

Overview of Writing Strand

- ◆ Require students to incorporate technology as they create, refine and collaborate on writing
- ◆ Include student writing samples that illustrate the criteria required to meet the standards (see standards' appendices for writing samples)

Overview of Speaking and Listening and Language Strands

Speaking and Listening

- ◆ Focus on speaking and listening in a range of settings, both formal and informal – academic, small-group, whole-class discussions
- ◆ Emphasize effective communication practices
- ◆ Require interpretation and analysis of message as presented through oral, visual or multimodal formats

Overview of Speaking and Listening and Language Strands

Language

- ◆ Include conventions for writing and speaking
- ◆ Highlight the importance of vocabulary acquisition through a mix of conversation, direct instruction and reading
- ◆ To be addressed in context or reading, writing, speaking and listening

Overview of Speaking and Listening and Language Strands

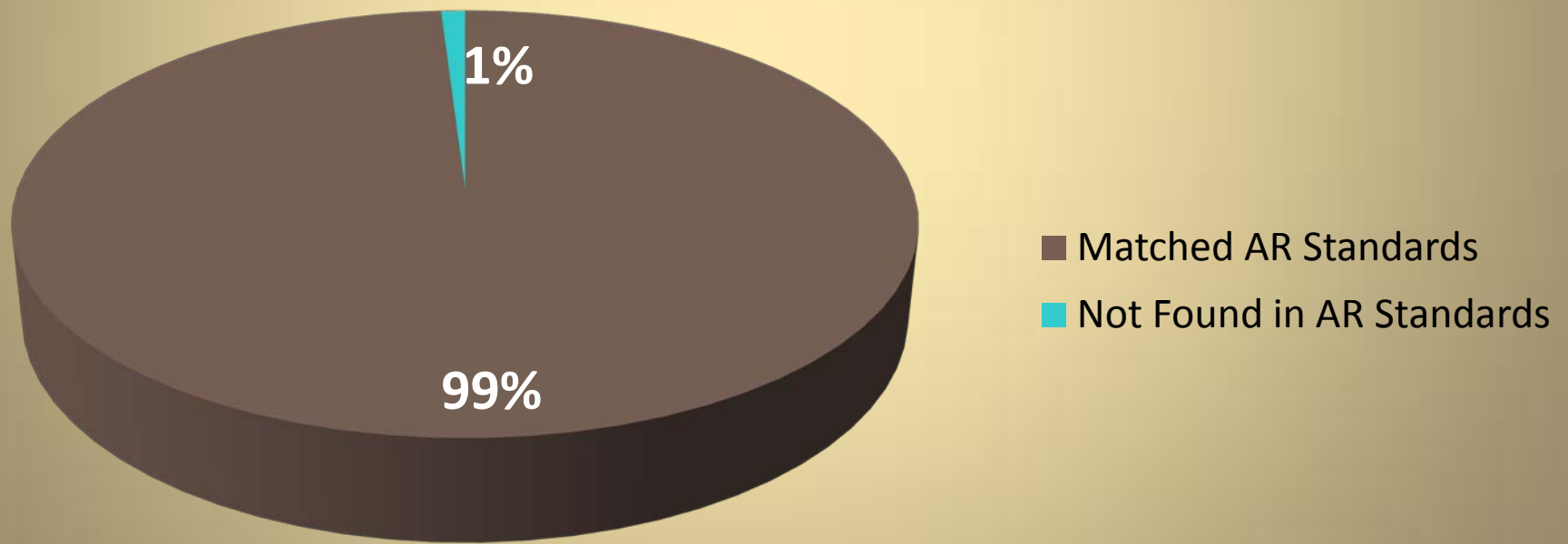
**Media and technology are integrated
throughout the standards.**

Gap Analysis – English Language Arts

How well aligned do you think the Arkansas Standards are to the Common Core State Standards in English Language Arts?

Gap Analysis – English Language Arts

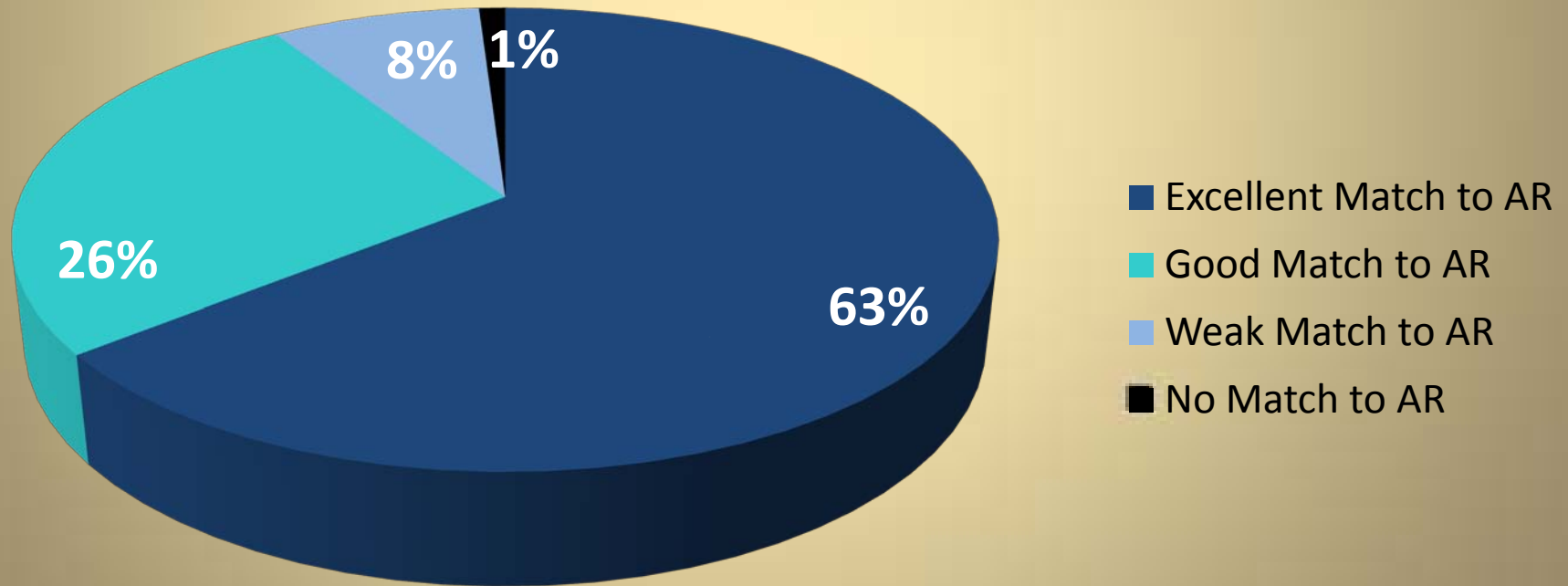
What percentage of the Common Core ELA Standards matched* with the Arkansas ELA Standards?



* Match conducted by Arkansas Department of Education and educators from across the state using Achieve's Common Core Comparison tool.

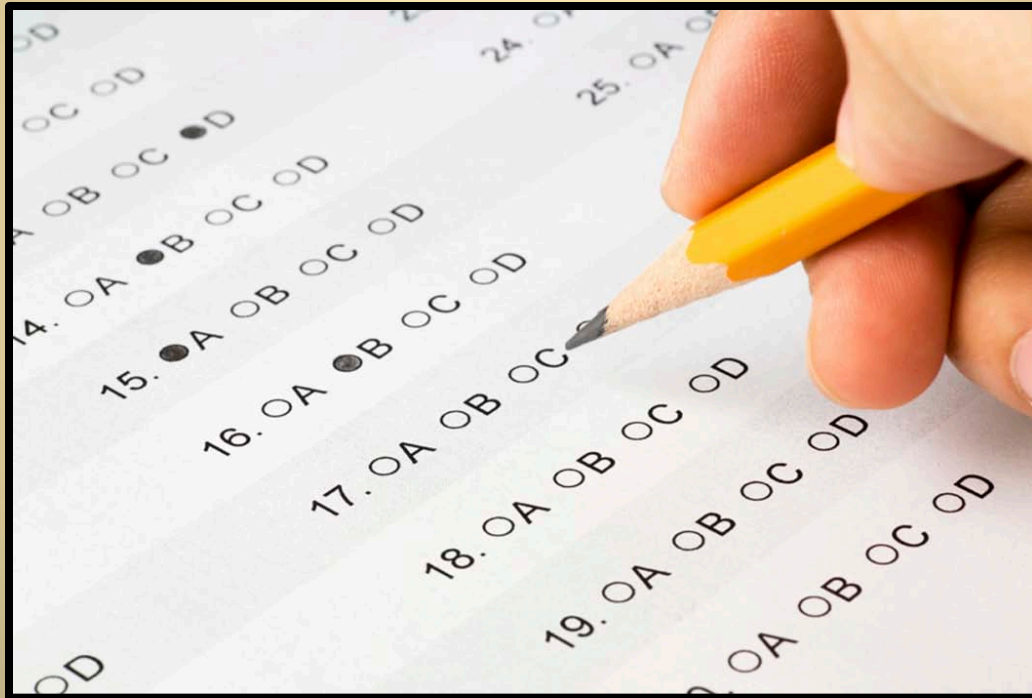
Gap Analysis – English Language Arts: Digging Deeper into the Matched Standards

**How strong were the matches* between the K-12
Common Core State Standards and the
Arkansas ELA Standards?**



* Match conducted by Arkansas Department of Education and educators from across the state using Achieve's Common Core Comparison tool.

First the standards and then the...



ASSESSMENTS

Two Testing Consortia

- ◆ **Partnership for Assessment of Readiness for College and Careers (PARCC) – Arkansas is a member state**
- ◆ **SMARTER Balanced Assessment Consortium**

About PARCC

- ◆ **PARCC is an alliance of 25 states 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 state-led and a subset of PARCC states, including Arkansas, comprise its Governing Board**

About PARCC

**Collectively the PARCC states educate more than
31 million students – nearly 63% of K-12
students attending American public schools.**

Assessment

- ◆ **New assessments will be ready for use during the 2014-2015 school year**
- ◆ **Two tests in each subject – literacy and mathematics:**
 - One computer-based test beginning at third grade
 - One exam of essays and performance tasks

District Transition

Transition has begun!!

District Transition

- ◆ **February/March 2011 -- All kindergarten, first grade and second grade teachers, building administrators and applicable support staff participated in awareness activities**
- ◆ **May 2011 -- All kindergarten, first grade and second grade teachers, and applicable support staff participated in day-long work sessions**

District Transition

- ◆ Kindergarten, first and second grade curriculum maps, highlighting:
 - pacing of the content
 - academic vocabulary
 - resources for literacy and mathematics

Developed *by* teachers for *their* use during the 2011-2012 school year.

District Transition

On August 9, 2011, all kindergarten through second grade teachers will meet to review materials and identify any remaining needs.

District Transition

Grades three through eight will *formally* begin the transition to Common Core State Standards January 2012.

Implementation Timeline

2010-2011	Information to K-12 staff
2011-2012	K-2 Implementation
2012-2013	3-8 Implementation
2013-2014	9-12 Implementation
2014-2015	New Assessments