



Preparing DC's Students to Be College and Career Ready

Welcome to the 2012 Parent Summit

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What do you need to know about our educational system to ensure your kid(s) are ready for college and/or a career?

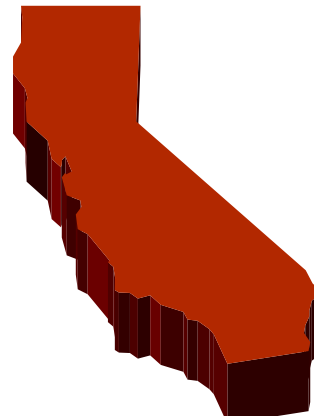
Common Core State Standards

- The Common Core State Standards are educational standards in mathematics and English Language Arts (ELA) that ensure your child has the skills and knowledge to be successful
- The Common Core is designed to provide clear 21st century goals for student learning.



The Common Core State Standards

- The CCSS do **not** tell teachers **how to teach**, but instead provide a map of **what to teach** at each grade level.
- So far, these standards have been adopted by 46 states
- That means, if you move from DC to Los Angeles, your child will not have to adapt to new (as possibly less rigorous) standards



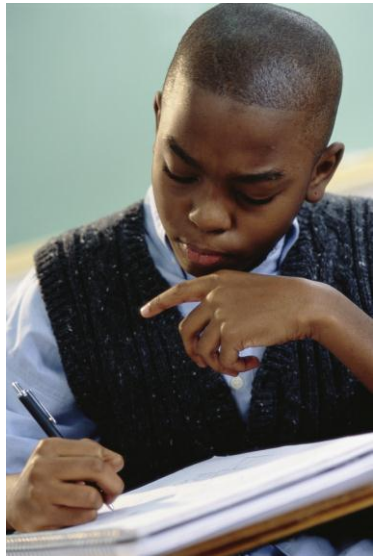
What is College and Career Ready?

In English Language Arts the standards focus on:

- Reading
- Writing
- Speaking
- Listening
- Language



What is College and Career Ready?



- Independent thinking
- Strong content knowledge
- Respond to demands of audience, task, purpose, discipline
- Comprehend as well as critique!
- Value evidence
- Use technology and digital media strategically and capably
- Understand other perspectives and cultures

What is College and Career Ready?



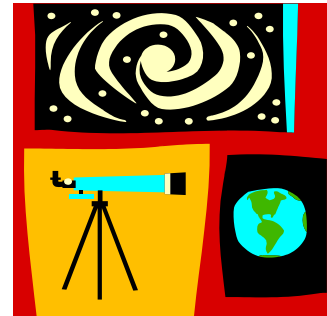
What does David Coleman, co-author of the CCSS ELA Standards, say?

http://www.youtube.com/watch?v=_GgGLpKVXdY&feature=related

ELA Instructional Shifts



1. Increased emphasis on informational text
2. Building knowledge in the disciplines
3. Increase complex text
4. Evidence/text based answers
5. Writing from primary and secondary sources
6. Academic vocabulary such as: analyze, source, evaluate, synthesize



Homework Tips!

- Time management
- Be positive about homework
- When your child does homework, you do homework
- When your child asks for help, provide guidance, not answers
- When the teacher asks that you play a role in homework, do it
- Help your child figure out what is hard and what is easy homework
- Watch your child for signs of failure and frustration
- Don't assume homework is done, check it
- You don't have to know all the answers. Learn together!



- Written by national experts
- Designed to be more concentrated at each grade level giving students greater opportunity to explore and understand the mathematics at their grade level
- Focus on a connection between the mathematics and getting students ready for college and careers

Traditional U.S. Approach

K

12

**Number and
Operations**



**Measurement
and Geometry**



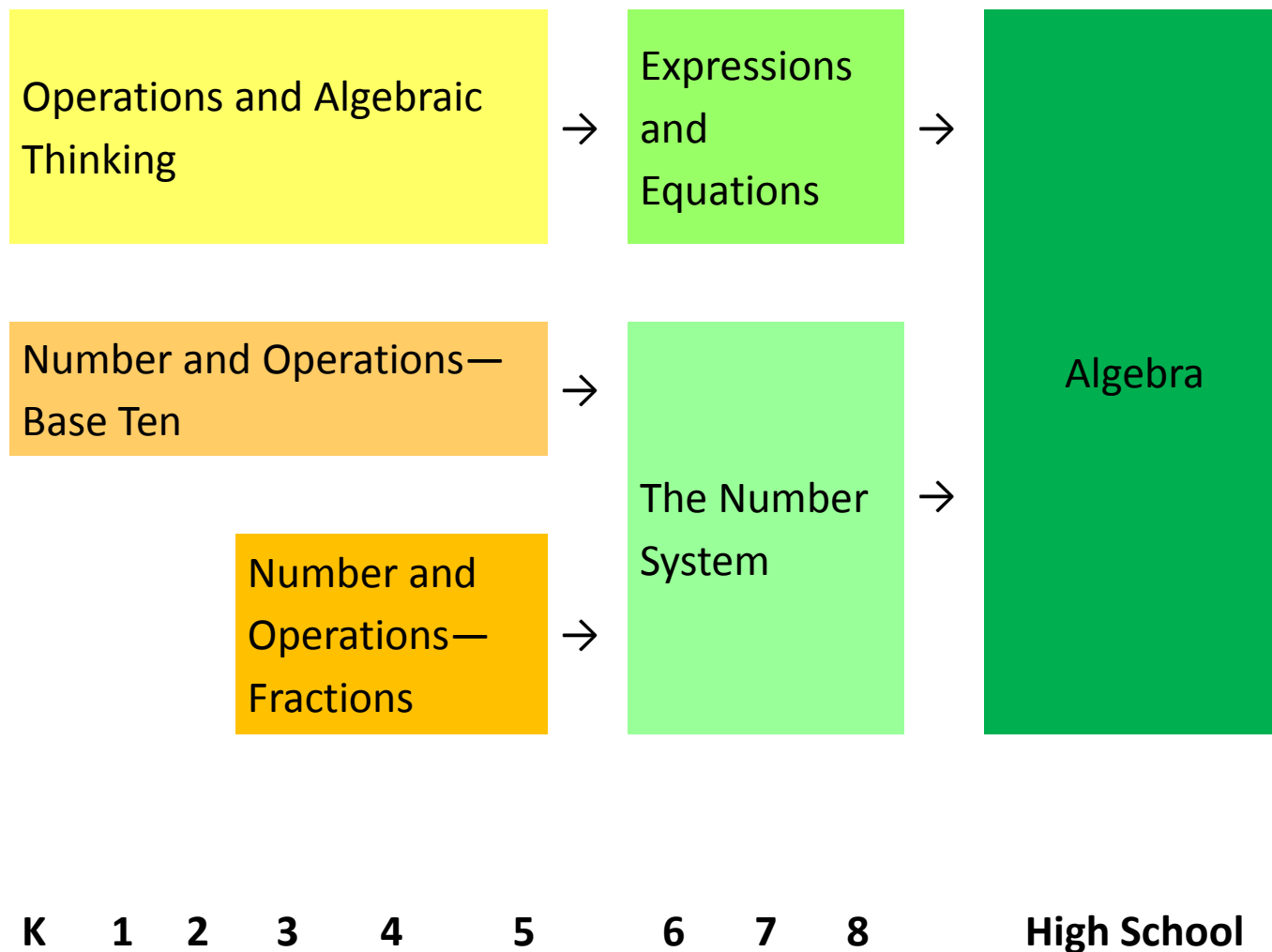
**Algebra and
Functions**



**Statistics and
Probability**



Focusing Attention Within Number and Operations



Key Areas of Focus in Mathematics

Grade	Focus Areas in Support of Rich Instruction and Expectations of Fluency and Conceptual Understanding
K–2	Addition and subtraction - concepts, skills, and problem solving and place value
3–5	Multiplication and division of whole numbers and fractions – concepts, skills, and problem solving
6	Ratios and proportional reasoning; early expressions and equations
7	Ratios and proportional reasoning; arithmetic of rational numbers
8	Linear algebra

Ways You Can Do Math with Your Child



- Find It.
- Give your child plenty of opportunities to count and measure.
- Find ways to practice number operations.
- Find ways to collect and organize information.
- Find ways to develop reasoning skills.

Tips and Strategies



- Problems can be solved in different ways
- Wrong answers can be useful
- Being able to do mathematics in your head is important
- It is sometimes okay to use a calculator to solve mathematics problems
- Problem solve, reason, communicate, connect – college and career ready skills!

Learning Together



- What is the problem you are trying to solve?
- What do the directions say?
- Where do you think you should begin?
- Tell me what you have done so far.
- Are there similar problems you've done so far?
- What did your teacher ask you to do?
- Who can we call / Where can we look to get help?
- Can you get extra help from your teacher?
- Should we tackle this when you are not so tired?

- “The only way to learn mathematics is to do mathematics.”

Paul Halmos

How will the CCSS Standards in ELA and Math be Assessed?



- We currently use the DC CAS
- We are in the process of transitioning to the next generation of assessments
- In DC we will use the PARCC assessment. (Partnership for Assessment of Readiness of College and Career)
- DC is on the governing board of PARCC. That means, OSSE is helping shape what PARCC will look like.
- PARCC will replace the DC CAS in the 2014 – 2015 school year
- The administrative goal for PARCC is to be an online test, which means we will get the results much faster!



Questions...

