



# COMMON CORE STANDARDS FORSYTH COUNTY SCHOOLS

Office of Academics & Accountability

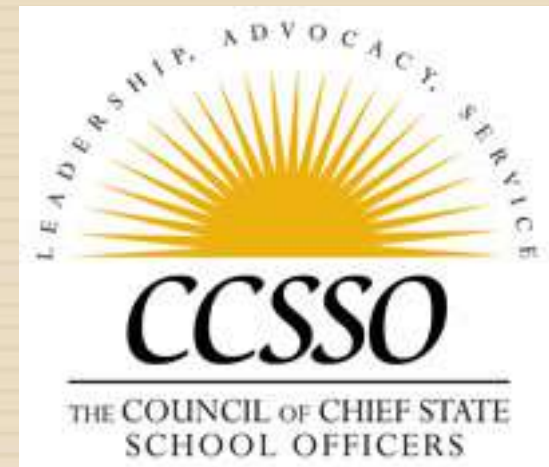
# Essential Questions



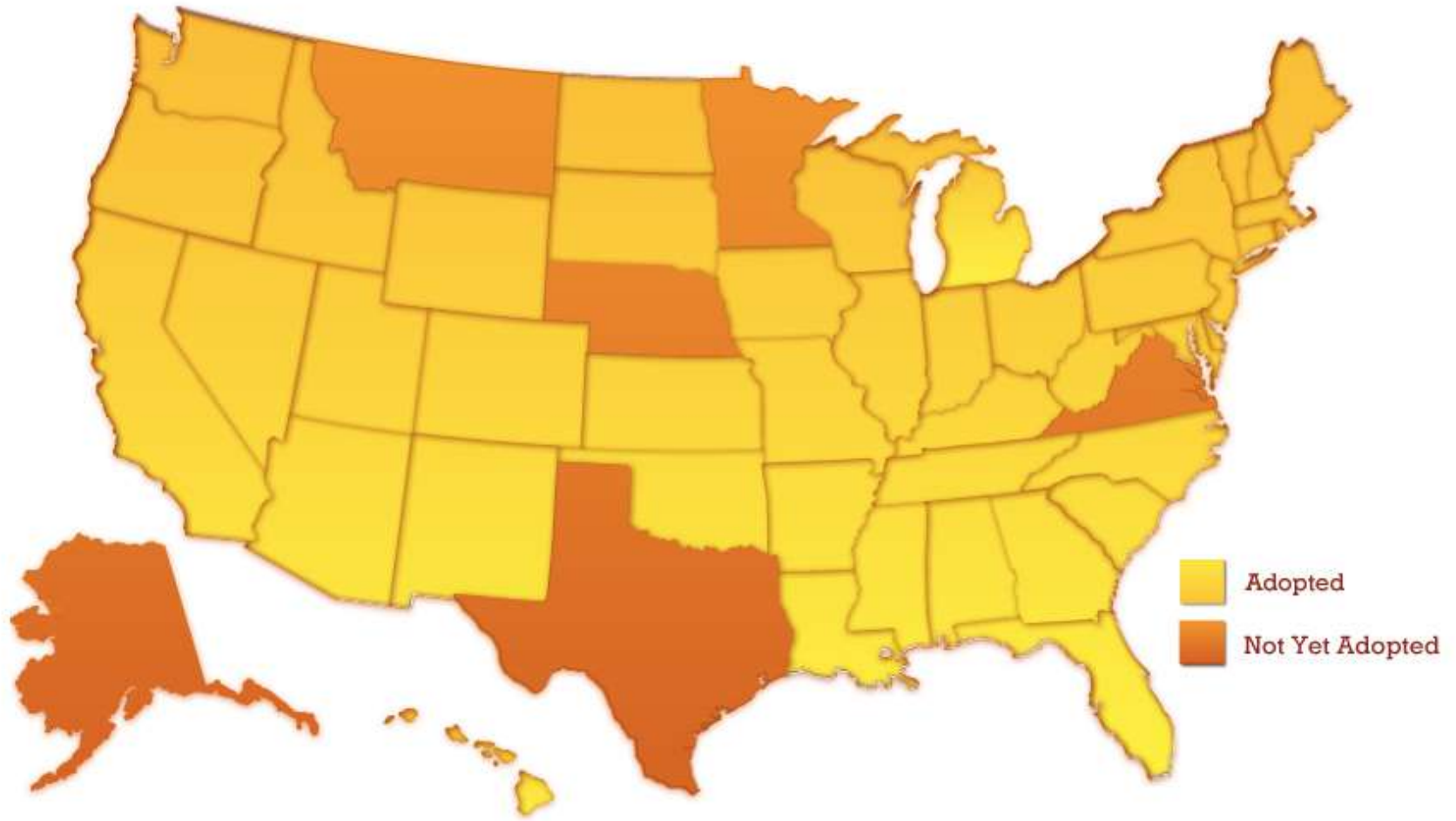
- What are the Common Core Standards?
- How different are the new standards from Georgia Performance Standards?
- When will they be implemented?
- How is FCS preparing for the change?

# Common Core State Standards

- State-led initiative coordinated by the National Governors Association (NGA) and the Council of Chief State School Officers (CCSSO)
  - ▣ English and Mathematics Standards K-12
  - ▣ Literacy Standards for Social Studies/History, Science, and Technical Subjects 6-12



# A National Movement



An Initiative of the National Governor's Association and Council of Chief State School Officers



# GRADUATE PROFILE

*A student who graduates from  
Forsyth County Schools will:*

## **Seek Knowledge and Understanding**

- ❖ Master core academics: English, math, social studies and science
- ❖ Prepare for post-secondary training that leads to college/ technical schools and careers
- ❖ Pursue on-going learning
- ❖ Understand personal financial responsibilities and how to live within a budget

## **Think Critically and Solve Problems**

- ❖ Define problems and create solutions
- ❖ Apply knowledge and skills to real-world unpredictable situations
- ❖ Reflect on and adapt to an ever-changing environment

## **Listen, Communicate and Interact Effectively**

- ❖ Communicate effectively through reading, writing, listening and speaking
- ❖ Work cooperatively in teams
- ❖ Develop and maintain positive relationships with others

## **Exhibit Strong Personal Qualities**

- ❖ Identify, pursue and achieve personal goals
- ❖ Exhibit a strong work ethic
- ❖ Accept responsibility for personal actions
- ❖ Maintain wellness and balance in life
- ❖ Contribute to the well-being of the community

## **Use 21st Century Learning Tools**

- ❖ Access, analyze, organize, and process information using 21st century tools
- ❖ Solve problems using 21st century tools
- ❖ Create quality products using 21st century tools

## **Engage and Compete in a Global Environment**

- ❖ Utilize knowledge of a second language
- ❖ Develop awareness of current issues and world events
- ❖ Understand and respect one's own culture and other cultures
- ❖ Interact productively within various cultures

# Promise of Common Core

- CCGPS define the knowledge and skills students should master during their K-12 education so that they will graduate high school able to succeed in entry-level, credit-bearing academic college courses and in workforce training programs.
- The standards:
  - ▣ Are aligned with college and work expectations
  - ▣ Are clear, understandable, and consistent
  - ▣ Include rigorous content and application of knowledge through higher-order skills
  - ▣ Build upon strengths and lessons of current state standards
  - ▣ Are informed by other top performing countries so that all students are prepared to succeed in a global economy and society; and
  - ▣ Are evidence-based

A close-up photograph of a red pencil with a sharp lead tip, resting on a sheet of graph paper. A ruler is visible in the background, slightly out of focus. The overall lighting is warm and soft. The text 'CCGPS ENGLISH LANGUAGE ARTS STANDARDS' is overlaid in the lower right quadrant of the image.

# CCGPS ENGLISH LANGUAGE ARTS STANDARDS

# Design and Organization of ELA

- K-12 English Language Arts Standards
  - ▣ Reading standards for literature (RL)
  - ▣ Reading standards for informational text (RI)
  - ▣ Reading standards: foundational skills *K-5 ONLY* (RF)
  - ▣ Writing standards (W)
  - ▣ Speaking and Listening (SL)
  - ▣ Language standards (L)





# Design and Organization of Literacy

## □ 6-12 Literacy Standards

- ▣ Reading standards for History/Social Studies (RH)
- ▣ Reading standards for Science/Technical Subjects (RST)
- ▣ Writing standards for History/Social Studies, Science and Technical Subjects (WHST)



# Example of Spiral Effect

Grade 3 Students:	Grade 4 Students:	Grade 8 Students:	Grade 9-10 Students:	Grade 11-12 Students
<p><b>Writing Standard 3-</b> Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.</p>				
<p>a. Establish a situation and introduce a narrator and/or characters; organize an event sequence that unfolds naturally.</p>	<p>a. <b>Orient the reader by</b> establishing a situation and introducing a narrator and/or characters; organize an event sequence that unfolds naturally.</p>	<p>a. <b>Engage</b> and orient the reader by establishing a <b>context and point of view</b> and introducing a narrator and/or characters; organize an event sequence that unfolds naturally and <b>logically</b>.</p>	<p>a. Engage and orient the reader by <b>setting out a problem, situation, or observation</b>, establishing one or multiple point(s) of view, and introducing a narrator and/or characters; <b>create a smooth progression of experiences or events</b>.</p>	<p>a. Engage and orient the reader by setting out a problem, situation, or observation <b>and its significance</b>, establishing one or multiple point(s) of view, and introducing a narrator and/or characters; create a smooth progression of experiences or events.</p>

# Impact of K-12 CCGPS ELA

- Assessment
- Rigor
- Text Complexity
  - Common Core Appendix B
- Emphasis on Informational Text
- Student Work Samples/Evidence
  - Common Core Appendix C
- Technology



A close-up photograph of a red pencil pointing towards a ruler on a piece of graph paper. The ruler is marked with numbers from 1 to 17. The background is slightly blurred, showing the grid lines of the graph paper.

# CCGPS MATHEMATICS STANDARDS



# Overview of CCGPS Mathematics Standards

- Written to assume mastery, in any given year, of the preceding year's standards
- Outlined in three distinct sections
  - ▣ Standards of mathematical practice
  - ▣ Standards for mathematical content for K-8
  - ▣ Standards for mathematical content for 9-

# K-5 Domains

Kdg	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
Counting and Cardinality (CC)					
Operations and Algebraic Thinking (OA)	Operations and Algebraic Thinking (OA)	Operations and Algebraic Thinking (OA)	Operations and Algebraic Thinking (OA)	Operations and Algebraic Thinking (OA)	Operations and Algebraic Thinking (OA)
Number and Operations in Base Ten (NBT)	Number and Operations in Base Ten (NBT)	Number and Operations in Base Ten (NBT)	Number and Operations in Base Ten and Fractions (NF)	Number and Operations in Base Ten and Fractions (NF)	Number and Operations in Base Ten and Fractions (NF)
Measurement and Data (MD)	Measurement and Data (MD)	Measurement and Data (MD)	Measurement and Data (MD)	Measurement and Data (MD)	Measurement and Data (MD)
Geometry (G)	Geometry (G)	Geometry (G)	Geometry (G)	Geometry (G)	Geometry (G)

# 6-8 Domains

Grade 6	Grade 7	Grade 8
Ratios and Proportional Relationships (RP)	Ratios and Proportional Relationships (RP)	Ratios and Proportional Relationships (RP)
The Number System (NS)	The Number System (NS)	The Number System (NS)
Expressions & Equations (EE)	Expressions & Equations (EE)	Expressions & Equations (EE)
Geometry (G)	Geometry (G)	Geometry (G)
Statistics & Probability (SP)	Statistics & Probability (SP)	Statistics & Probability (SP)
		Functions (F)

# 9-12 Mathematics Content

## Listed in Conceptual Categories (rather than grade levels or courses)

Number and  
Quantity

Algebra

Functions

Modeling

Geometry

Statistics and  
Probability

Traditional Pathway	Integrated Pathway
<i>GADOE has determined Georgia will implement a Hybrid Pathway for CCGPS.</i>	
Algebra II	Mathematics III
Geometry	Mathematics II
High School Algebra I	Mathematics I
Pathway A: Consists of two algebra courses and a geometry course, with some data, probability, and statistics infused throughout	Pathway B: Typically seen internationally, consists of a sequence of three courses, each of which treats aspects of algebra, geometry, and data, probability, and statistics



# CCGPS Courses for Entering 9<sup>th</sup> Graders 2012

- CCGPS Coordinate Algebra

  - CCGPS Coordinate Algebra Support

- CCGPS Analytic Geometry

  - CCGPS Analytic Geometry Support

- CCGPS Advanced Algebra

  - CCGPS Advanced Algebra Support

- CCGPS Pre-Calculus

- Accelerated CCGPS Coordinate Algebra/Analytic Geometry A

- Accelerated CCGPS Analytic Geometry B/Advanced Algebra

- Accelerated CCGPS Pre-Calculus

# Standards of Mathematical Practice

- Make sense of problems and persevere in solving them
- Reason abstractly and quantitatively
- Construct viable arguments and critique the reasoning of others
- Model with mathematics
- Use appropriate tools strategically
- Attend to precision
- Look for and make use of structure
- Look for and express regularity in repeated reasoning



# ASSESSMENT IMPLICATIONS



# CCGPS Implementation

	2011-2012	2012-2013	2013-2014	2014-2015
<b>Curriculum</b>	Curriculum Awareness and Preparation for Transition	Teach CCGPS with Transition Standards K-12 ELA K-9 Math	Teach CCGPS K-12 ELA K-10 Math	Teach CCGPS K-12 ELA K-11 Math
<b>State Assessment</b>	Field Test CCGPS Items	Transitional assessment with CCGPS items	State assessment with CCGPS items	State Assessments for GPS Science and Social Studies
<b>National Assessment</b>		Pilot National Common Assessment (PARCC)	Field Test National Common Assessment (PARCC)	National Common Assessment for CCGPS English, Reading, and Math

# PARCC

## Partnership for the Assessment of Readiness for College and Careers (PARCC)

(July 2011 revision, pending USED approval)

English Language Arts and Mathematics, Grades 3–8 and High School





# FCS IMPLEMENTATION PLAN



# Forsyth County Schools will . . .

- Determine power and supporting standards in English & Math
- Articulate learning progressions K-12
- Revise pacing guides, instructional frameworks, and benchmark assessments to align to CCGPS
- Revise the standards-based report cards and assessments K-5
- Support Literacy standards in Science, Social Studies, and Technical Subjects through the Gates Foundation's Literacy Design Collaborative 6-12

# FCS Implementation Plan

- Leadership and Learning Center (K-12)
  - ▣ Supports English and Math Common Core
- Gates Foundation Grant (6-12)
  - ▣ Supports Common Core Literacy Standards in Science, Social Studies, and Technical Subjects
- Orientation for all Teachers October 31
- Data Teams Training November 30-December 1
- Prioritize and Unwrap Standards February 17
- Year Two – Assessment and Unit Design



# Building Capacity

