



COMMON CORE
STATE STANDARDS INITIATIVE

PREPARING AMERICA'S STUDENTS FOR COLLEGE & CAREER

Common Core Overview

- Prepares students with the knowledge and skills they need to succeed in college and work
- Ensures consistent expectations regardless of a student's zip code
- Provides educators, parents, and students with clear, focused guideposts
- Offers economies of scale (uniformity)



Common Core Organization

English Language Arts Strands

- Reading
- Writing
- Speaking and Listening
- Language



integrated with
science & social studies



Common Core Organization

Mathematics

- Standards for Mathematical Practice
- Standards for Mathematical Content

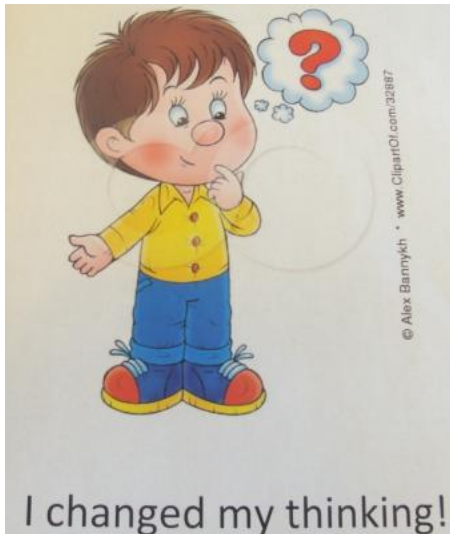


Common Core Organization

Standards for Mathematical Practice

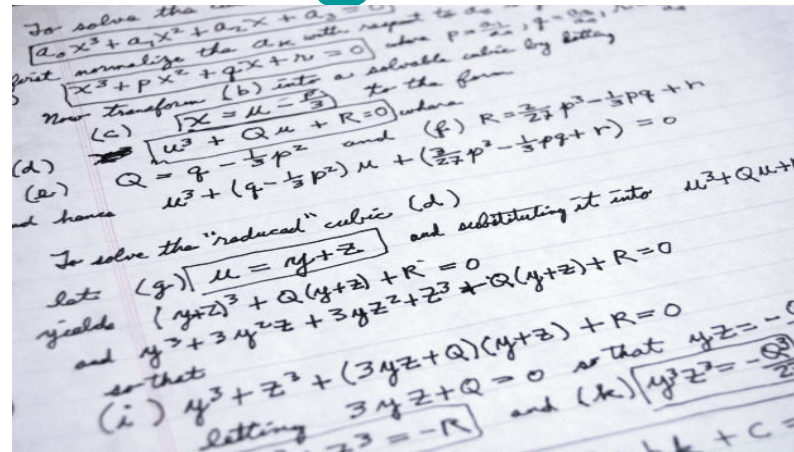
– Carry across all Grade levels

– Describe habits of mind of a mathematically expert student



Common Core Organization

Standards for Mathematical Content



- Presented by Grade level, K-8
- Organized into domains progressing over several grades
- Introduced at each Grade level by 2–4 focal points
- Presented by conceptual themes at high school

Middle School Math



2011-2012 School Year

- Most Grade 7 Students will take Pre-Algebra in heterogeneously grouped classes
 - The Pre-Algebra A course will not be offered
- Grade 8 Pre-Algebra B will incorporate algebra concepts to begin preparing students for the Grade 9 Keystone Exam
- Professional development continues to be provided for instructional planning and pacing to address needs

2012-2013 School Year

- Algebra I content will be spread out over 2 years (Grade 8 & 9) —————→ Keystone Exam
- The Grade 8 “Pre-Algebra B” course will be called “Algebra 1A”
- Algebra 1 will continue to be offered in Grade 8 as an Honors Level course —————→ Keystone Exam
- Professional development will continue to provide support for math instructional planning and preparation

High School Math



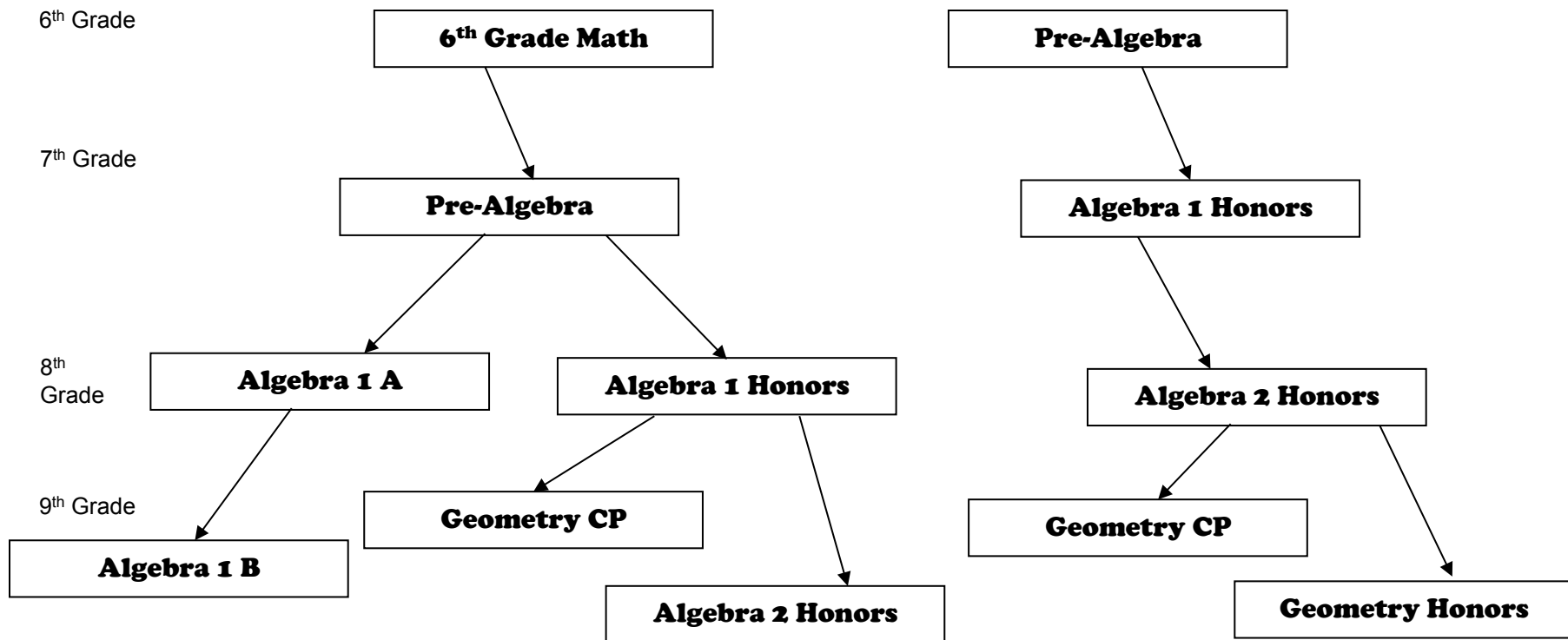
2011-2012 School Year

- Start the transition to incorporate Standards for Mathematical Practice
- Continue professional development for instructional planning and sequencing
- Start discussions to prepare for the Algebra I, Algebra II, and Geometry Keystone Exams {currently on hiatus for the 2011-2012 school year}

2012-2013 School Year

- Grade 9 students who fail Grade 8 Algebra IA will need to repeat Algebra IA.
- Students who pass Algebra IA will progress into Algebra IB. These students will participate in the Keystone Exam.
- The “Algebra Seminar” course will transition into “Algebra IA with a lab component”

Math Flowchart and Course Descriptions



- Prognosis testing is used to place students in middle school math.
- Students in an above-level math class may need to re-take a class if grades are C or lower.
- Keystone exams are given after completion of Algebra 1 B, Algebra 1 (CP or Honors), Geometry (CP or Honors) and Algebra 2 Honors.

More Information

- www.corestandards.org
- www.pdesas.org
 - Clear Standards Tab
 - Common Core Tab
- <http://www.corestandards.org/assets/CoreFAQ.pdf>