

Mathematics

Continuing to Add Up and Multiply

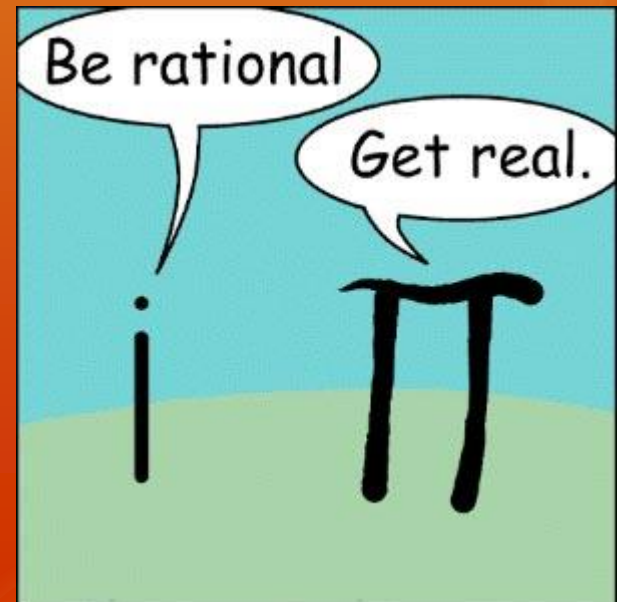
The State of Mathematics

- Algebra 1 – Common Core (June 2014)
- Geometry – Common Core (June 2015)
- Algebra 2 – Transition to Common Core (June 2016)
- SAT – Transition to Common Core (March 2016)
- AP Calculus – Transition to Common Core (May 2017)



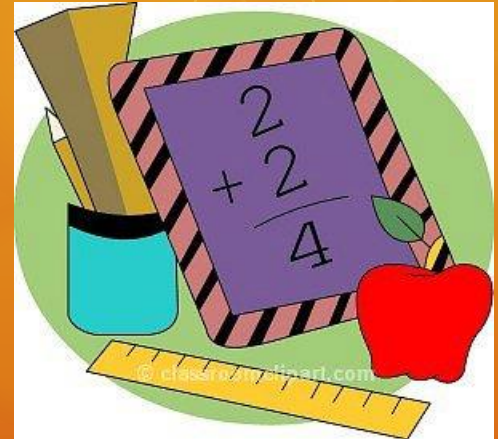
Common Core Philosophy

- College and Career Ready
- Conceptual Understanding
- Problem-Solving with Real-World Applications
- Fluency



Common Core Mathematics

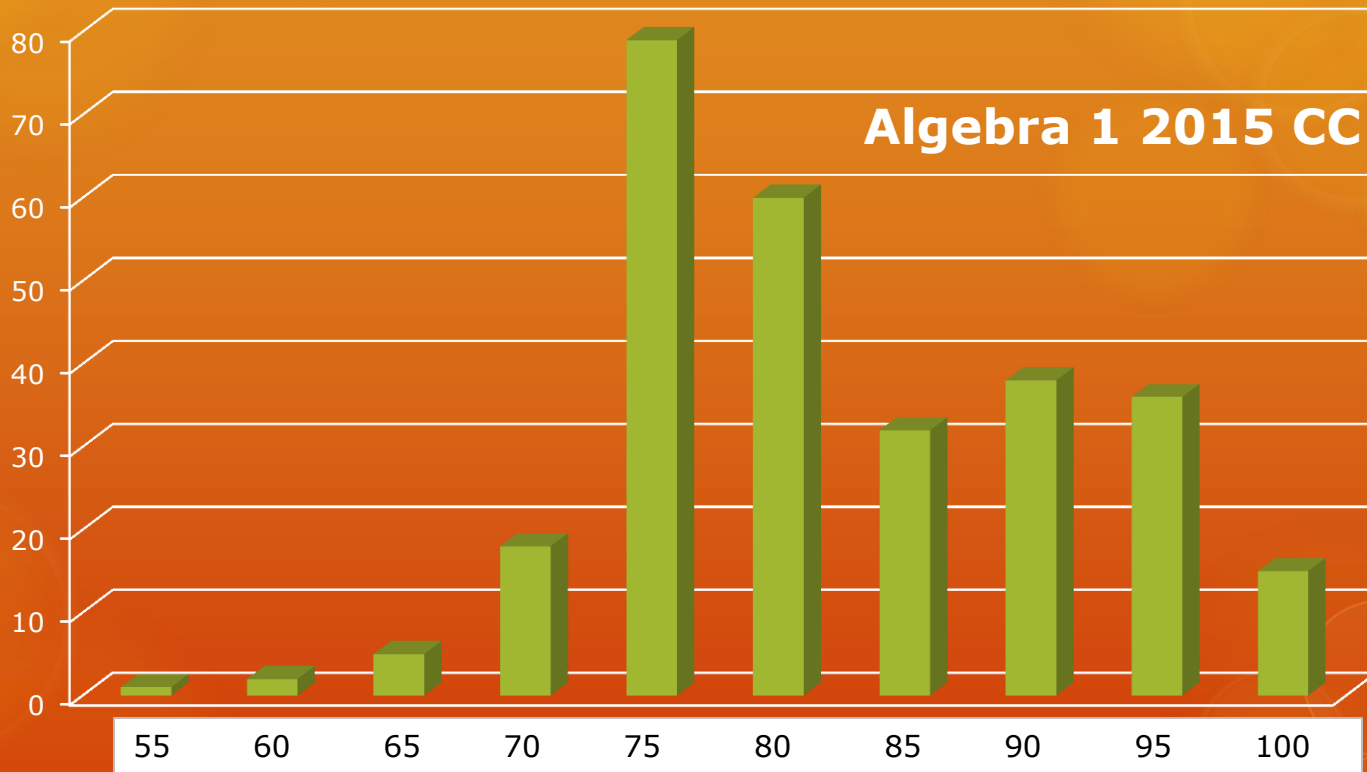
- Change in Content
 - Change in Instructional Methods
- Change in Regents Examination format/style
 - 2005 Option
- Change in Regents Examination score conversion scale
- Used with Teacher Evaluation (APPR)



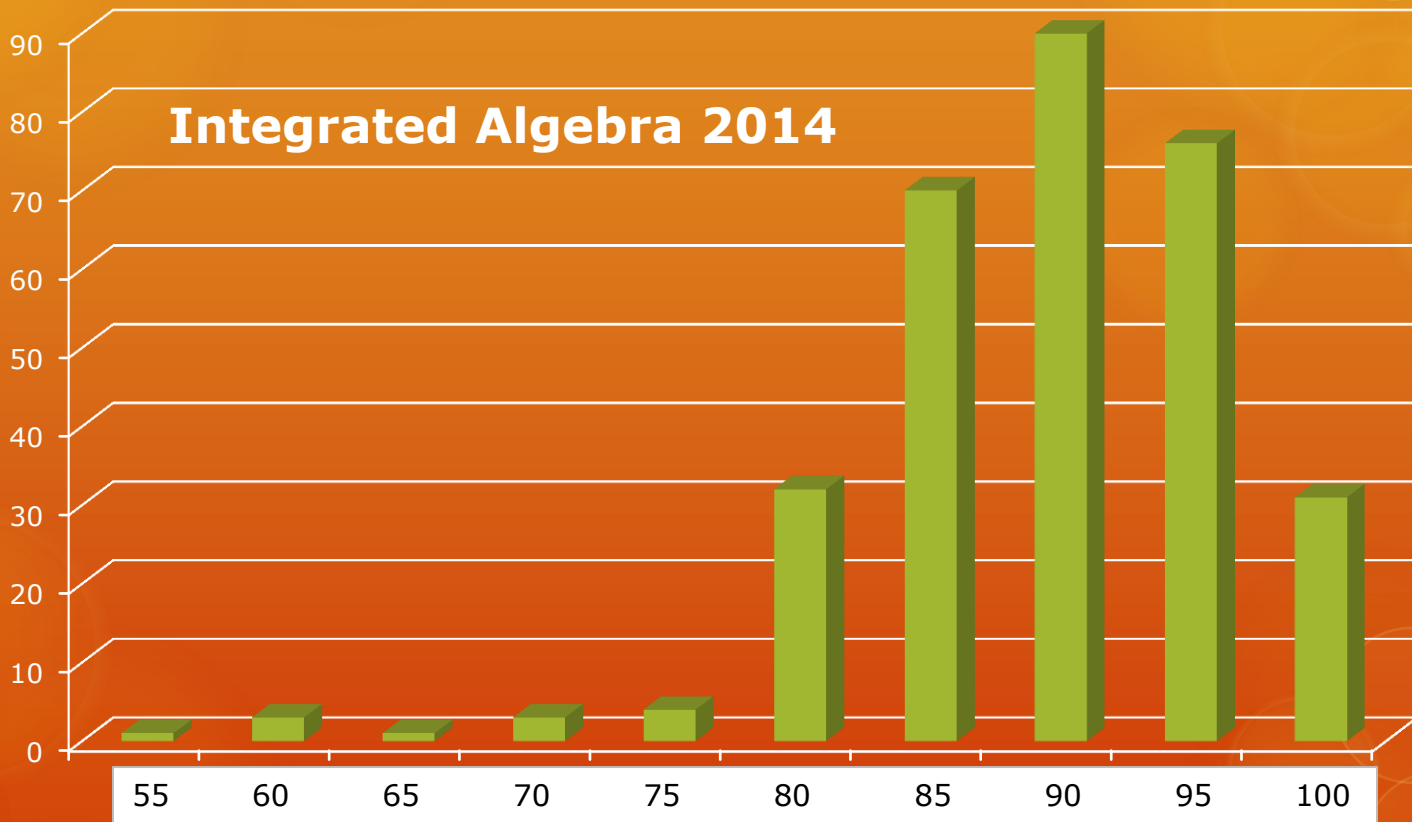
Preparation for Regents Exams

- In-Class Regents Review Instruction
- Support Classes
- Extra-Help Sessions
- Math Lab
- After-school Regents Review
- Summer Re-Take

Algebra Comparison



Algebra Comparison



Algebra 2

- Transition Year
 - First Common Core Regents June 2016
- Significant Changes in Course Content
- Teachers Attending BOCES Workshops, seminars, etc.
- Meet Weekly to Assess and Discuss Progress



"The significant problems we face cannot be solved at the same level of thinking we were at when we created them."

Albert Einstein

Any Questions?

