

Syosset School District

Algebra 2 Common Core Mathematics

Parent Meeting: February 1, 2016

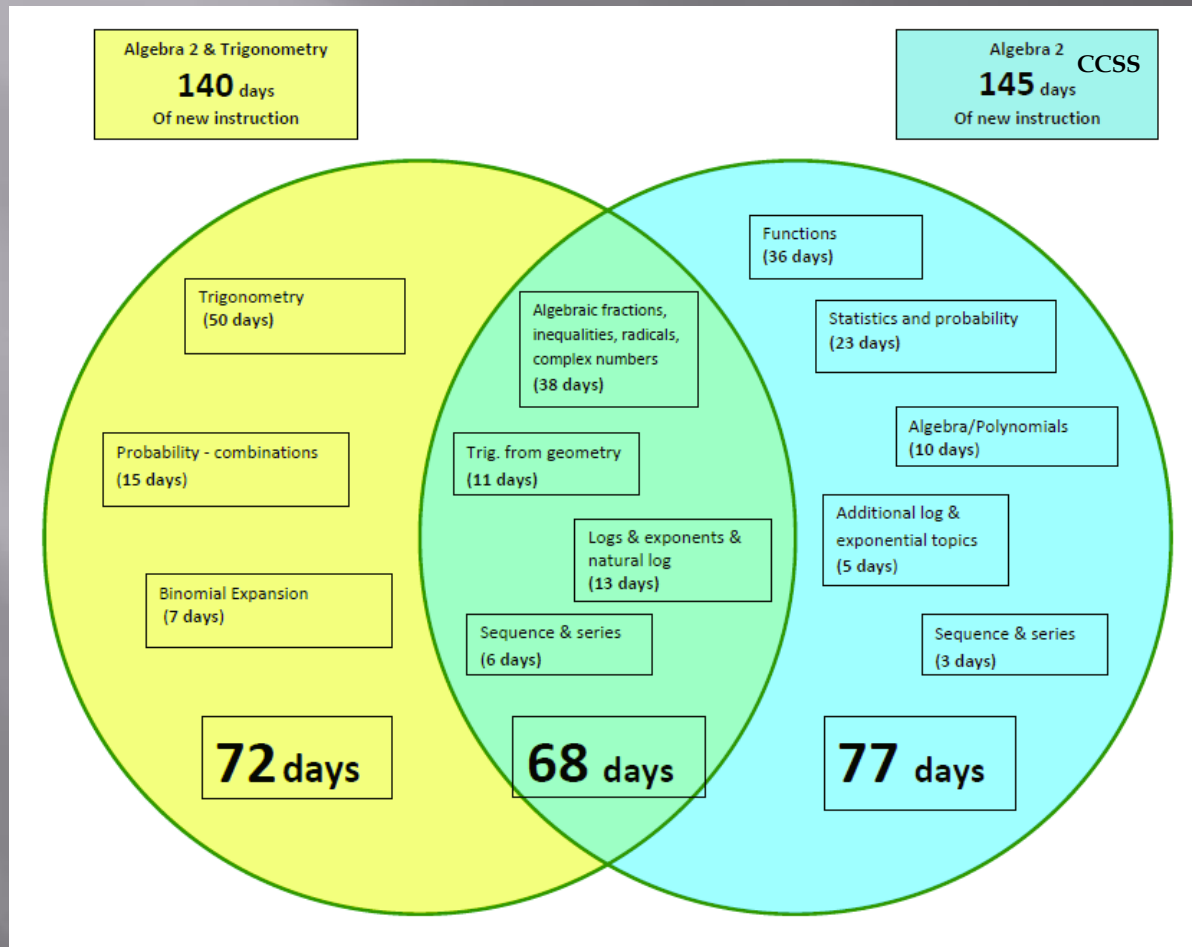
At our last meeting we discussed :

- NYSED Requirement to teach Algebra II CCSS curriculum
- NYSED Requirement that students must take the Algebra II CCSS regents on June 1

Students	Course of Study	Required Assessment
Students who in the 2013-14 school year or thereafter, begin their first commencement-level math course culminating in a Regents Exam in June 2014 or later, as available	Math Courses – Common Core (Algebra I, Geometry, Algebra II)	Regents Exam in Math (Common Core)*
Students who prior to the 2013-14 school year began or will complete a math course aligned to the Mathematics Core Curriculum (Revised 2005)	Math Courses – Revised 2005 (Integrated Algebra, Geometry, Algebra 2 / Trigonometry)	Regents Exams aligned to the Mathematics Core Curriculum (Revised 2005)

As we also discussed :

- The differences between the Algebra II curriculum and the 2005 A2T curriculum



Where are we now?

- Board of Regents has adopted measure for “June 2016, August 2016, and January 2017 administrations only, students receiving Algebra II (common core) instruction may, take the Regents examination in Algebra 2/Trigonometry aligned to the 2005 Learning standards in addition to the Regents examination in Algebra II Common Core.”
- SHS made the decision to focus on Algebra 2 CCSS
 - NY State still requires that CCSS instruction be taught
 - NY State still requires that students must take the CCSS assessment
 - We wanted to prepare students WELL for a mandatory exam
 - Acceleration gives us flexibility to have true options AND prepare students well for both assessments
 - Eliminates redundancy of Pre-Calculus topics
 - OLD is not always easier
 - Alignment to the new SAT
 - Students have taken 2 years of CCSS instruction

	June 2016	August 2016	January 2017
Pro:			<ul style="list-style-type: none"> Requirements for A2T will be part of the Pre-Calculus curriculum
Con:	<ul style="list-style-type: none"> Additional spring course work Redundancy of curriculum in Pre-Calc 	<ul style="list-style-type: none"> Additional summer course work Redundancy of curriculum in Pre-Calc 	
How HS will help to prepare students for A2T exam	<ul style="list-style-type: none"> 8 days between exams to focus on A2T Review materials available for students both books and on-line Math Assist 	<ul style="list-style-type: none"> Dedicated summer school class to prepare students for A2T regents Review materials available for all students both books and on-line 	<ul style="list-style-type: none"> Midterm review will include review for A2T All review materials will be available on line <ul style="list-style-type: none"> Recorded lectures available on line Offer a daily 0 period and 10th period for A2T topics 5 days a week <ul style="list-style-type: none"> No attendance No mandated homework Schedule of topics taught during these periods will be available Math Assist

Topics needed for A2T regents

- Trigonometry Expansion (covered in Pre-Calculus) (50 days)
- Direct and Inverse variation (covered in Pre-Calculus) (7 days)
- Parent functions & Transformations of Functions (covered in Algebra1)
- Inequalities (integrated in Pre-calculus curriculum) (10 days)
 - Absolute value
 - Rational Inequalities
 - Quadratic Inequalities
 - Two variable inequalities
- Probability and Combinations (Algebra II after June 1 & Pre-Calc) (5+10days)
- Binomial Expansion (taught in Algebra II & Pre-Calc) (3+4 days)