Comparison Between Regents & Honors Level Geometry

	Regents	Honors
Overview	Based on the New York State Regents Geometry Core Curriculum and culminating in the Geometry Regents examination. *30 minutes of homework each night*.	Based upon both the New York State Regents Geometry Core Curriculum and SAT Mathematics subject test syllabus. Students are expected to be highly self-motivated, taking the fullest responsibility for their own learning and seeking help when needed. The course is designed to meet the needs of students who thrive in a more independent learning environment. *40-60 minutes of homework each night.*
Pace	Topics are covered at a pace that allows for the review of key concepts from prior courses and the remediation of any deficiencies in critical skills.	Progresses at a very fast pace, covering the greatest breadth and depth of topics. Students are expected to have mastered and retained the skills and concepts covered in prior courses. *A Core Curriculum topic that spans five classes in regents typically is allotted three classes.*
Content	Mathematical concepts are introduced using concrete examples. An applied approach to topics is employed, focusing on method and skill development.	Mathematical concepts are introduced at an abstract and theoretical level. New ideas are developed through student investigation with minimal guidance from the teacher. Students are expected to apply their knowledge to open-ended and non-routine problems. *Students are expected to apply their knowledge to open-ended and non-routine problems as well as learn material by reading the textbook and/or solving problems on their own.* Extended topics include advanced Euclidean foundations of plane and solid geometry and rigorous proofs.
Assess	Tests consist of New York State Regents examination level multiple choice and free response questions.	Tests consist of SAT and New York State Regents examination level questions that require students to analyze and interpret information. Challenging free response questions require mathematical and conceptual thinking.

		Students are often required to take tests and quizzes without the use of calculators. Long and Short term projects are used to explore and discover advanced mathematical concepts.