COURSE: MATH 11 (PREPARING FOR THE "MATH B" REGENTS EXAM

SCHOOL YEAR: 2009 - 2010

TEACHER: MRS. JUDY INNELLA

TEXTBOOK: <u>ALGEBRA 2 (MCDOUGAL/LITTELL)</u>

COURSE SCOPE AND SEQUENCE

(I) INTRODUCTION: EQUAS/INEQUAS/POLYNOMIALS/ABS. VALUE

(Chapters: 1 and 6)

(II) REVIEW OF GRAPHING: LINEAR/QUADRATIC/OTHERS

(Chapters: 2 and 5 and 9)

(III) COMPLEX NUMBERS AND QUADRATIC ANALYSIS

(Chapters: 5 and 6)

(IV) SYSTEMS: QUAD/LINEAR (ALGEBRAICALLY AND GRAPHICALLY)

(Chapters: 3 and 10)

(V) RATIONAL EXPRESSIONS

(Chapter: 9)

(VI) EXPONENTS, FUNCTIONS, AND RADICALS

(Chapters: 6 and 7)

(VII) MORE EXPONENTS AND LOGARITHMS

(Chapter: 8)

(VIII) CONICS AND QUADRATIC RELATIONS

(Chapter: 10)

(IX) PROBABILITY AND STATISTICS

(Chapter: 12)

(X) TRIGONOMETRY: RATIOS, FUNCTIONS, AND APPLICATIONS

(Chapter: 13)

(XI) TRIGONOMETRY: GRAPHS, IDENTITIES, AND EQUATIONS

(Chapter: 14)