

Greenburgh North Castle Union Free School District

“Guide to Program Planning”

2/16/11

A guide to...

PROGRAM PLANNING

Greenburgh North Castle Union Free School District

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Greenburgh Academy, Kenneth Clark Academy and REACH Academy
are accredited by the New York State Board of Regents.

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FOREWORD

The Greenburgh North Castle Union Free School District provides a broad program of studies for all students, and students are required to master a core of subjects. During your junior and senior years, you will have opportunities to make a greater number of choices about courses. This will be a time in which you may explore your interests and further develop your skills. Plan carefully to insure maximum options in the future and remember to use the faculty of Greenburgh Academy, Kenneth Clark Academy and REACH Academy resources to assist you and your parents in planning your program.

I wish you every success and hope that your high school years are rewarding, enriching and enjoyable.

Edward Placke, Ed.D.
Superintendent of Schools

EQUAL OPPORTUNITY INFORMATION

The Greenburgh North Castle Union Free School District hereby advises students, parents, employees and the general public that it offers equal employment and educational opportunities, including vocational education opportunities, without regard to age, race, creed, color, national origin, sex, sexual orientation, religion, disability, marital status, genetic disposition, or HIV or hepatitis carrier status. Equality of opportunity in employment shall include hiring, firing, wages and salaries, promotion or any terms, conditions or privileges of employment.

Inquiries regarding this nondiscrimination policy may be directed to Title IX (Discrimination) Compliance Officer and Section 504 (Disabled) Compliance Officer, William Federice, Dobbs Ferry, New York 10522, telephone (914) 693-3030, ext. 2360.

Procedures and forms related to the established grievance procedures may be obtained from the appropriate compliance officer.

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Dobbs Ferry, New York

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A MESSAGE FROM THE PRINCIPALS

Greenburgh Academy, Kenneth Clark Academy and REACH Academy offer rich and diverse courses of studies. Each year for four years students and parents are asked to decide on a course of study. This is one of the most important decisions made during a student's high school years. These academic choices begin to define students' interests, expectations, and future career path. Students and parents must reflect on students' strengths, interests, and teacher recommendations. The guidance counselor will assist in reviewing a student's academic record to insure that the appropriate courses are chosen.

The Guide to Program Planning contains information on the courses and programs offered at Greenburgh Academy, Kenneth Clark Academy and REACH Academy. This document is updated yearly to reflect the changes and additions to the curricula at Greenburgh Academy, Kenneth Clark Academy and REACH Academy. Students and parents are encouraged to take time to review the many choices and options for study. The faculty and administration are available to aid in this important process. Please call upon them with questions.

Students and parents must be sure that they have reviewed and considered all of the program options prior to making their final course selections.

Please use this guide, and consult with the staff at your child's school who can be of great assistance in this important process. The phone numbers of the three Academies are as follows:

Greenburgh Academy: 914-964-5496

Kenneth Clark Academy: 914-798-7200

REACH Academy: 914-949-0665

	Page
Requirements and Procedures...	...7
Graduation Requirements...8
Course Descriptions:	
Art...	..13
Business Education...	..16
English...	.18
Foreign Languages...	..19
Health Education...	...20
Mathematics...	.21
Music...	...22
Physical Education...	...23
Science...	...24
Social Studies...	..25
Cosmetology...	...26
Academic Intervention Services...	...27
University in the High School Program...	..28

REQUIREMENTS AND PROCEDURES

Introduction

Planning a program of study for each of the six years of junior high school and high school is one of many important decisions students must make. In this decision-making process, students are encouraged to use the advice and counsel of their parents, counselors and teachers at Greenburgh Academy, Kenneth Clark Academy and REACH

Academy.

Confidentiality

A cumulative record (7-12) for each student enrolled at Greenburgh Academy, Kenneth Clark Academy and REACH Academy is maintained by the Guidance Department subject to specified Board of Education Policy and approved Administrative Regulations. Students, by appointment with their counselors, are entitled to receive an interpretation of all information contained in their records. Parents, or persons in parental roles, are also authorized to review, by appointment, their child's record as well as receive an interpretation of it from appropriate school personnel. ***However, no third party including peace officers, lawyers, or agents shall be permitted access to information contained in any student's record without the expressed written permission of the person in a parental relationship to the student or the written permission of a student eighteen years or older.***

PROGRAM OPTIONS

Selecting a Course of Study

Prior to entering Greenburgh Academy, Kenneth Clark Academy and REACH Academy each student and his parents meet with a counselor in order to plan the junior high school and high school programs the student wishes to pursue. This conference provides an opportunity for the student and his parents to share with the counselor their educational goals and objectives. It also provides an opportunity for the student with the assistance of a counselor to review the student's academic history, standardized test results and the

recommendations of the professional staff regarding an appropriate program of study. In each subsequent year, students and counselors will meet individually and in small groups to review and plan the next year's program. Parents are also expected to review their child's program.

Elective Subjects

Because of possible schedule conflicts, students may not always find it possible to elect a particular subject. Electives described in this publication are open to all students regardless of sex and will be taught providing conditions of enrollment, staff availability and other pertinent factors allow as determined by the building principal.

Independent Study

Any student may choose to learn about a topic or subject that is for elective credit through the Independent Study project. Independent Study may involve an investigation of one specific area of a subject for which both advisor and student share an appreciation. It may involve out-of-school endeavors or a vocational interest. This involves an individual student working with a faculty advisor on a project approved by the Superintendent of Schools. The project results from a written application made to the advisor by the student prior to the commencement of study. A minimum of 75 hours is required for one-half unit of credit and a minimum of 150 hours is required for one unit of credit. Independent Study is excluded from the required minimum of classes in a student's schedule.

EARNING CREDITS

A student's grade placement is determined by the number of units earned and by the highest grade level of English or social studies in which the student is enrolled. Assignment to 10th grade requires a student to have earned five (5) units of credit, exclusive of physical education, including one unit in English 9 or Social Studies 9. Assignment to grade 11 requires nine (9) units of credit, exclusive of physical education, and successful completion of either English 10 or Social Studies 10.

GRADUATION REQUIREMENTS

Graduation Requirements

Regents Diploma		Regents w/Advanced Designation	
Required Courses	Credits	Required Courses	Credits
English	4	English	4
Social Studies	4	Social Studies	4
Math[a]	3	Math	3
Science[a]	3	Science	3
LOTE	1[b]	LOTE[c]	3
Art/Music	1	Art/Music	1
Health	.5	Health	.5
Physical Education	2	Physical Education	2
Sequence/Electives	4.5	Sequence/Electives	2.5
TOTAL	23	TOTAL	23

Regents Diploma	Regents w/Advanced Designation
<i>Required Exams</i> <i>[All exams require a score of 65 or above]</i>	<i>Required Exams</i> <i>[All exams require a score of 65 or above]</i>
English Comprehensive Exam	English Comprehensive Exam
Regents Integrated Algebra Exam	Regents Integrated Algebra Exam, Regents Geometry Exam, and Regents Algebra 2/Trigonometry Exam
Regents Global Studies Exam	Regents Global Studies Exam
Regents U.S. History Exam	Regents U.S. History Exam
Regents Science Exam	2 Regents Science Exams Regents LOTE Exam [c]

[a] An integrated course in mathematics/science/technology may be used to satisfy the

requirement for third unit of credit in mathematics or science.

[b] Students must complete two years of seat time in a Language Other Than English (LOTE) by the end of 9th grade. They must also either pass the state LOTE proficiency exam by the end of 8th grade or pass a high school LOTE course. The LOTE requirement may be waived for some students as per their IEP.

[c] Students acquiring 5 units of credit in one of the following may be exempt from the Language

Other Than English requirement: Art, Music, Business or Career and Technical Education.

Let's Take These Requirements One At A Time:

1. English - Four units are required. Passing the

two-day Comprehensive English Regents is required of all students for a diploma. The test is first administered in June of grade 11. Students who do not pass the Regents exam will be scheduled for remediation until they do so that may

include summer program.

2. Social Studies - Four units are required. Both the second year program in Global History, and the third year program in United States History and Government, require passing the Regents examination. Students who do not receive passing grades on the Regents, must be scheduled into a remediation program that may include summer program. The fourth year must include $\frac{1}{2}$ unit in Government and $\frac{1}{2}$ unit in Economics.
3. Mathematics - Three units are required. A Regents Examination (Integrated Algebra) in mathematics is required for all students prior to graduation. Students who do not pass a Regents will be scheduled for math remediation that may include summer program until they do so.
4. Science - Three units are required. A Regents examination in Science is required for all students prior to graduation. Students who do not pass a Regents exam will be scheduled for remediation until they do so that may include summer program.
5. Health - A $\frac{1}{2}$ unit is required.
6. Art and/or Music - One unit is required. Specific courses in art and music fulfill this requirement. Alternative options may be selected.
7. Foreign Language - Students are required to have completed two years of seat time in a Language Other Than English (LOTE) by the end of their 9th year. In order to achieve a

Regents diploma, students must also pass a proficiency exam by the end of 8th grade OR they must pass a high school Language Other Than English course.

For an Advanced Regents diploma, the student needs to pass a minimum of three years of high school LOTE AND the Regents exam in that language. Any student who acquires 5 units of credit in art, music, business, or career and technical education may be exempt from the LOTE requirement for the Advanced Regents diploma. Students may also be exempt from the LOTE requirement as per their IEP.

8. Physical Education - All students must complete physical education each semester they are in school. Four years (two credits) of physical education are required for graduation. One-quarter unit of credit is earned each semester. Students must successfully pass eight semesters.

OTHER OPTIONS

College Courses

Students may be interested in taking one or more college courses on one of the local college campuses or at Greenburgh Academy and Kenneth Clark Academy. Students who wish to pursue this option must notify their counselor and their request will be handled through a special program. One college course may be applied toward meeting the Board of Education requirement which states that each student must be enrolled in a minimum of five courses. Acceptance in college courses is dependent upon the student's achievement in high school courses.

GRADE REPORTING

Reporting and Marking

All grades are numerical. The passing grade for all levels is 65 while the recommended grade for a student preparing for college is 75. A mark for the first semester is the result of averaging first and second quarter marks with the semester test, where applicable.

A second semester mark is the result of averaging third and fourth quarter marks with the final examination, where applicable.

The final school mark (FSM) is found by averaging first and second semester averages. In effect, class work counts two-thirds of the final mark and examinations, one-third. The final school mark and Regents grade are recorded on a student's secondary school record and are entered on transcripts sent to colleges and employers. Report cards and IEP updates are mailed directly to parents and need not be returned.

Honor and Merit Rolls

Grade level high honor, honor, and merit rolls are established each marking period. To qualify for the high honor roll a student must have an average of 93 in all courses with no grade less than 90. To qualify for the honor roll a student must have an average of 90 in all courses with no grade less than 85. To qualify for the merit roll a student must have an average of 85 in all courses with no grade less than 80.

PUPIL SERVICES

Core components of all Academies are counseling services, health services, psychological services, speech therapy, remedial reading and other related services.* It should be noted except in instances where the physical safety of the students is involved or where the commission of a crime is involved, students shall have the right to enter into privileged communication with their school counselor, the school psychologist, social worker, the school physician and/or school nurse.

A brief description of each service follows:

Counseling Services

The primary objective of the counseling services provided by school counselors is to aid students in their development of a responsible approach to decision making. Each grade level presents specific challenges to students, and the guidance program is therefore designed to provide appropriate individual and group counseling experiences for students in assisting them to meet these challenges.

Counseling provides assistance to students in understanding their educational strengths, in making realistic career choices and in making decisions in areas of personal concerns such as

school adjustment, relationships with peers and other social situations confronting teenagers. While counselors may invite specific students to join in particular group counseling activities, participation in all such groups is voluntary. Frequently, many students after meeting in groups wish to meet individually with their counselor to discuss how various issues relate personally to them.

Through evening parent meetings and individual conferences, counselors attempt to involve parents in student's educational and vocational planning. Parents are encouraged to call the guidance office with suggestions, questions and concerns.

***Related Services are indicated on student IEPs.**

Health Services

An experienced health staff consisting of a school physician and school nurse are available to students. A physical appraisal is required for all students. In addition, students competing in athletics or seeking working papers must receive a physical examination by the school physician. Students who have specific concerns about any aspect of their physical health are encouraged to meet with a member of the health services staff.

Psychological Services

Students utilize the service of school psychologists and social workers as per their IEP. Parents, teachers and others may also request that the school psychologist and/or social worker have contact beyond the IEP with a particular student. The school psychologist or social worker acts as a consultant-advocate for students in a wide variety of educational and social adjustment domains. In addition, this individual may act as a resource and provide information on community specialists, agencies and available programs.

Remedial Reading

A reading specialist is available to work with students who require assistance as indicated on their IEPs. Performance below the district standardized test reference point or the New York State ELA reference point and/or teacher recommendation qualify a student for services. Such services are offered on a group basis. In order to help the greatest number of students, the reading specialist works closely with teachers to emphasize literacy skills as a major part of each curriculum.

Speech/Language Therapy

Students who need to improve their speech and language are provided this service as per their IEP. Meeting on a regular basis with a speech/language therapist provides the opportunity to gain in self-confidence and to correct any problems which may make it difficult for the student to communicate clearly with others.

Other Related Services

Students may also receive occupational therapy or physical therapy depending on their needs and IEP. Functional Behavioral Analysis (FBA) and Behavioral Intervention Plan (BIP) may be developed by school psychologists and/or social workers for students with significant social and emotional challenges. District staff may request via the CSE office changes in frequency and duration of IEP related services based on student needs and strengths.

COURSE PREREQUISITE

Several of the course descriptions found herein have stated prerequisites which must be met before a student can be enrolled in that particular course. Each prerequisite is determined through

experience over several years and is established in order to aid students in selecting courses in which they have reasonable assurance of success. Where a student, for any reason, can not meet all prerequisites for a given course, the guidance counselor may, nonetheless, give permission for the course to be taken where adequate grounds exist for the student not having met prerequisites and, in the opinion of the school counselor, where there is a reasonable likelihood the student will be successful in the course.

Students and their parents are reminded that program or individual subject offerings may vary from year to year as circumstances warrant necessary changes.

Courses are either unit courses except those specifically indicated as one-half ($\frac{1}{2}$). Courses are offered based on student demand and available resources.

Art

It is recommended that courses be taken in the suggested sequence whenever possible. All students taking an art course will be encouraged to keep a portfolio of their work. Three-dimensional artwork or work too large to be included in a portfolio may be photographed. Final school mark will be determined by the average of the quarterly marks and any midterm or final project grades. In some instances students with a FSM of 85 or greater may take an art course again on an advanced level. A five-unit sequence must include Studio in Art and Drawing.

STUDIO ART I

FULL YEAR

1 UNIT

Prerequisite: None.

Studio in Art is designed as an introductory course exploring the variety of course offerings available in the art

department. The student will be exposed to drawing, painting, advertising, sculpture, printmaking, electronic media, cinematography, ceramics, stained glass and jewelry. Art appreciation, the history of art and the delivery of cultural heritages will be included as well as the elements and principles of design.

This course is required of all students planning to have a sequence in art, and it meets the art graduation requirement. Homework and sketchbook assignments are part of the course. This course provides a broad, general background in the visual arts.

OIL PAINTING

HALF YEAR

1/2 UNIT

Prerequisite: Studio Art

This one semester course will provide the learner with an opportunity to develop an understanding and appreciation for oil painting. The learner will be introduced to the work of several contemporary oil painters and the history of oil painting. The student will become acquainted

with various skills and techniques associated with oil painting. Drawing skills are important and will be stressed when planning and developing composition. Students will work from still life, landscape and the human figure. It is strongly recommended that students take drawing prior to painting.

DRAWING AND PAINTING I

HALF YEAR

1/2 UNIT

Prerequisite: Studio in Art.

This course will encourage students to develop visual awareness through the serious study of basic drawing skills and painting. Areas of study will include light and shade, line, perspective, figure drawing, texture, and their various combinations. The course will investigate a variety of techniques and media including pencil, conte crayon, charcoal, ink, pastel, tempera and watercolor. The first semester will include exercises and activities preparing for more skillful and comprehensive drawing activities. Introduction to the drawings of the Masters and the history of art will increase the understanding and application of drawing skills. Students will be expected to complete sketchbook assignments outside of class. If enrolled in the University in the High School program, students can earn three State University of New York credits upon successful completion of the course.

DRAWING AND PAINTING II

HALF YEAR

1/2 UNIT

Pre-requisite: Drawing and Painting I

WATERCOLOR PAINTING

HALF YEAR**1/2 UNIT***Prerequisite: Studio in Art.*

This one semester course will provide the learner with an opportunity to develop an understanding and appreciation for watercolor painting. The learner will be introduced to the work of several contemporary painters and the history of painting. The student will become acquainted with various skills and techniques associated with painting in water-color paint. Drawing skills are important and will be stressed when planning and developing composition. Students will work from still life, landscape and the human figure. It is strongly recommended that students take drawing prior to painting.

STUDIO ART II**FULL YEAR****1 UNIT***Prerequisite: Studio Art*

Advanced Studio is designed to improve artistic skills and facilitate the transition from high school art to college level study. Students will receive intensive direction and individual skill development emphasizing drawing, color, design, spatial representation, expressive content and virtuosity in technique. Students will be introduced to the work of numerous contemporary artists and key art historical periods. Students will be expected to participate in field trips.

DECORATIVE AND FUNCTIONAL CRAFTS**HALF YEAR****1/2 UNIT***Prerequisite: 1 year of Studio Art*

Students will create pieces using easily accessible materials to them. In some cases they will use items which may seem to have only one purpose and as such have been discarded. This course will serve two main purposes: 1-The use of recyclables to create functional or decorative pieces in a creative and imaginative manner, 2-Reading and interpreting a pattern to create a desired functional effect.

ADVANCED ART**FULL YEAR****1 UNIT***Prerequisite: Studio Art, Drawing & Painting, Watercolors or Oil Painting completed*

This course is for Seniors only who are looking to complete portfolio requirements for college. The course work and requirements are New York State mandated for college preparation. This course has a maximum of 6 students for entry for the year. Advanced Art is similar in preparation as AP Art.

WATERCOLORS 101**HALF YEAR****1/2 UNIT***Prerequisite: Studio Art and Drawing & Painting*

Students will learn the methods, materials and expressive potential of the watercolor medium. Emphasis will be on understanding the unique attributes of watercolor (transparency, brilliance, spontaneity, fluidity) mastery of basic techniques (washes, wet on wet, dry brush, resists, textural effects) and experimentation. Students will be expected to integrate these qualities and methods into their own personal styles of visual expression. Students are expected to be familiar with the methods and materials of watercolor. Emphasis will be on developing the

students' personal style and artistic ideas in the context of the watercolor medium. The instructor will work with each student to create an individualized plan. The instructor will introduce watercolor qualities and techniques with explanations, slide presentations, and demonstrations. Students will perform exercises and experiments relating to the techniques, then complete painting projects using the techniques. Painting projects will be submitted for evaluation at the mid-point and end of the course. Preliminary critiques (conducted periodically during course) and a formal group critique (at the end of the course) are intended to probe and expand students' formal and conceptual understanding of art in general as well as watercolor and to develop students ability to articulate their ideas. Students are expected to attend each class period and participate in the final group critiques. The instructor will periodically review work in progress. Finished paintings must be submitted on the last day of class for final review.

Digital-Art Studios

COMPUTER GRAPHICS

FULL YEAR

1 UNIT

Prerequisite: Studio in Art.

This course will introduce students to the study of manipulating and digitally synthesizing visual content. Using industry standard design software, students will work with images on the computer and apply the elements and principles of art to create aesthetically strong art compositions.

Business Education

In today's global economy, it is important that all students have knowledge of the economic and financial world in which they live. Business Education provides students with the foundation to pursue programs such as: business administration, accounting, marketing/management, law and finance. Many business courses provide students with the opportunity to develop computer skills necessary to be competitive in both college and the workplace.

KEYBOARDING I

HALF YEAR 1/2 UNIT

Prerequisite: None

This course is designed to develop alphabetic and numeric touch-typing keyboarding skills needed by anyone who uses a computer. Students will also develop basic proficiency in word processing and in formatting various business documents.

This course is open to students in grades 9-12. The final examination is departmental.

KEYBOARDING II

HALF YEAR 1/2 UNIT

Prerequisite: Keyboarding I

This course continues to build students' proficiencies with document formatting, word processing and touch-typing speed and accuracy. Desktop publishing and business communication skills are emphasized. Business simulation packets are used to help develop students' skills in time management and working cooperatively.

INTRODUCTION TO BUSINESS I

HALF YEAR 1/2 UNIT

Prerequisite: None

This course acquaints the student with the process of running a corporation. Through

Junior Achievement, the class will establish a corporation; create, produce, and market a product; and compete at the annual Junior Achievement Trade Fair at a local mall. A local business consultant will assist the class weekly in this process. At the conclusion of the project, the class will go through the process of liquidating their assets. Students learn basic economic principles such as supply and demand, forms of business ownership, and economic indicators. Emphasis is placed on the importance of effective human relations skills, making decisions, and solving problems. Computer skills incorporated are word processing, desktop publishing, financial analysis through the use of spreadsheets, and database management.

ACCOUNTING

FULL YEAR

1 UNIT

Prerequisite: Passing grade in Math 9R

This course is intended to give students the knowledge of the accounting cycle for a service oriented business and a merchandising business. Students will understand how debits and credits are used in the journalizing process. Current concepts include posting, assets, liabilities, owner's equity, revenue, expenses, financial statements, payroll, and worksheets. Students will use accounting records to complete the accounting cycle both manually and using Peachtree accounting software.

SPORTS AND ENTERTAINMENT MARKETING

FULL YEAR

1 UNIT

Prerequisite: None

This course will take the student on a step-by-step journey through the world of marketing. Students will learn the basic functions of marketing and how those functions are applied to sports and entertainment. The basic functions of marketing that will be included in the course are: marketing information management, financing, pricing, promotion, product/service management, distribution.

This course is open to all students in grades 10-12. The mid-year and final examinations are departmental.

CAREER EXPLORATION INTERNSHIP PROGRAM (CEIP)

HALF YEAR

1/2 UNIT

Prerequisite: None

This course allows students to complete a non-paid internship experience in one or two different careers that are of interest to them. Students will need to complete 54 hours in their internship experience and 27 hours of classroom instruction. In the past, students have explored such careers as: accounting, biology, criminal justice, child care, engineering, health care, journalism, law, medicine, reaching, and many other occupations that are available to us. This program gives students a first hand opportunity to learn about a particular career. Students should gain insight into the skills and educational requirements of that career prior to college. Students planning to enroll in CEIP need to provide their own transportation to and from their placements. They will also need to make a commitment to one afternoon a week for three or four hours to meet their internship hours obligation. In addition, students will also have one class meeting a week for 27 hours of classroom instruction.

Students who choose to enroll in this elective course are expected to demonstrate a level of responsibility and commitment appropriate for the work place. Characteristics such as honesty, integrity, ethics, teamwork, and a positive attitude are expected. Applications to enroll in this program may be obtained from the guidance counselors. Students will then be interviewed by members of the Business Education Department.

English ENGLISH 9R

FULL YEAR

1 UNIT

Prerequisite: None.

This course is designed to teach skills in reading comprehension, interpretation of literature, composition, grammar, usage, mechanics of language, and vocabulary. The curriculum includes analysis of classical and contemporary literature. In addition to full-length novels and dramatic works, students will study poetry, short stories, and essays. Vocabulary development is achieved through the study of literature-based words and Greek roots. Writing focuses on all forms of exposition and includes a research experience. Speaking and listening skills are emphasized in classroom discussion and oral presentations. The final examination on reading and writing skills.

ENGLISH 11R

FULL YEAR

1 UNIT

Prerequisite: English 10R.

American literature is studied through novels, drama, short stories, essays and poetry. Students should become more critical in analyzing how well the author has used theme, characterization, plot, mood or setting in creating the literary form under discussion. Sustained effort is given to enriching the student's vocabulary through study of words in context. Attention is paid to the development of critical reading skills.

Composition includes essays about literature as well as other types of expository writing themes. In addition, students complete a research paper and practice for the SAT writing activity. Formal instruction is provided in grammar. The final examination in this course is the English Comprehensive Regents. This is a two day exam required for graduation.

ENGLISH 10R

FULL YEAR

1 UNIT

Prerequisite: English 9.

This course is a study of global literature. The literature includes reading short stories, poems, essays, dramas, biographies, and novels; learning the main characteristics of each type; and analyzing theme, setting, mood, plot, and characterization. Reading skills are emphasized. Vocabulary development is stressed through the use of vocabulary in the context of the literature and the study of Latin roots. Composition includes review of the ninth grade skills. Students again complete a research paper. Speaking opportunities include class discussions and oral reports. Grammar and usage are taught formally. The final examination focuses on reading and writing skills.

ENGLISH 12

FULL YEAR

1 UNIT

Prerequisite: English 11R.

This course provides instruction in the types of writing usually required of college freshmen such as analysis, persuasion, and research. Diction, style, and rhetoric are also stressed throughout the course. Writing activities compliment the work on longer themes. Emphasis is on process writing and sharing papers with members of the class for discussion and criticism. Reading Comprehension is also expected in this course.

Foreign Languages

All students are required to have at least two years of instruction in a second language before graduation. In order to achieve a basic Regents diploma students must also pass a proficiency exam by the

end of 8th grade or they must pass a high school Language Other Than English course. Students pursuing an Advanced Regents diploma must complete three years of study in a foreign language with passage of the Regents examination. Students pursuing five-unit extended sequences in technology, art and/or music may substitute such sequences for the foreign language requirement to receive an Advanced Regents diploma.

SPANISH I

FULL YEAR

1 UNIT

The beginning of language study involves the learning of fundamental language patterns. Listening comprehension, speaking, reading and writing skills are developed. Culture and civilization are studied within the framework of these skills. Communicative materials are used as text of instruction.

SPANISH 2

FULL YEAR 1 UNIT

Prerequisite: Spanish 1

This course is for students who have completed Spanish 1R and are interested in building skills to prepare for the Regents Comprehensive Examination in Spanish.

Students in this course should plan to stay in the high school Foreign Language Regents program for 3 years. They will take the Regents examination upon completing 3 years of Spanish.

SPANISH 3

FULL YEAR 1 UNIT

Prerequisite: Spanish 2

This course focuses on improving communication skills, including listening, speaking, reading, and writing. In addition, more complex grammatical structures will be introduced. Students will be exposed to a variety of cultural topics from different authentic sources. The Spanish Regents Comprehensive examination is the final examination for this course. Requests to take this examination in January must be submitted by students to their guidance counselor prior to October 1 of each school year.

Health Education

Health is a condition of well-being that is required for the development of each individual and for society as a whole. Optimal health is dependent upon knowledge, attitude and behavior. The health courses offered are based upon New York State Curricula and have been approved by the Board of Education. The curriculum focuses on seven skill areas: Planning and Goal Setting, Decision Making, Communication, Stress Management, Self Management, Relationship Management and Advocacy. Topics are presented in connection to a specific skill area. The instructional focus is on promoting abstinence and to provide accurate, age appropriate information to support student's ability to make informed decisions, to problem solve, to be safe and to achieve a high level of wellness. Students are required to pass this course in order to graduate. Students entering Greenburgh North Castle, Kenneth Clark Academy and REACH Academy in grade 11 or 12 will be required to take Health unless the requirement was fulfilled in a

previous school.

HEALTH

HALF YEAR

1/2 UNIT

Prerequisite: None.

In this course topics will include physical activity and nutrition, disordered eating, addiction, alcohol, tobacco and other drugs, personal safety, characteristics of healthy and unhealthy relationships, abstinence, contraception use and rates of effectiveness/ineffectiveness, sexually transmitted diseases and the HIV/AIDS curriculum which includes prevention lessons.

Mathematics

MATH 9R (Integrated Algebra I)

FULL YEAR

1 UNIT

Prerequisite: Successful completion of Math 8.

This course is required for entrance into most colleges and is a prerequisite for further study in mathematics and science at the Regents level. While much of the curriculum is developed around algebra, topics such as geometry, probability, statistics, and trigonometry are studied. Although a graphing calculator is not required for this course, it is recommended that students become familiar with its operation through class work and homework. The calculator will be used in math classes throughout high school and into a student's college years. The final examination in this course is the New York State Algebra 1 Regents exam.

MATH 10R

(Geometry)

FULL YEAR

1 UNIT

Prerequisite: Math 9R

This course includes an extensive study of geometric relationships, informal and formal geometry proofs, coordinate

geometry, transformational geometry, constructions, locus, and circles. Although a graphing calculator is not required for this course, it is

recommended that students become familiar with its operation through class work and homework. The calculator will be used in math classes throughout high school and into a student's college years. The final exam in this course is the New York State Geometry Regents exam.

MATH 11R (Algebra II/Trigonometry)

FULL YEAR

1 UNIT

Prerequisite: Math 10R

This course includes an in depth study of the real and complex number systems, a review and extension of functions and transformations, work with exponents, logarithms, trigonometric relationships, and probability, and an extensive unit on statistics. Although a graphing calculator is not required for this course, it is recommended that students become familiar with its operation through class-work and homework. The calculator will be used in math classes throughout high school and into a student's college years. The final examination in this course is the New York State Algebra 2/Trigonometry Regents exam.

Music

BEGINNER GUITAR I

HALF YEAR 1/2 UNIT

This course will cover the basic concepts of sight-reading, ear training and music theory. Students will study the anatomy of the instrument and learn some basic repair skills.

Over the course of the semester the students will be expected to learn at least 3-5 pieces from different musical idioms. They will study the classical school of playing based on the work of such composers as Sor, Carcassi and Guilianni. By the end of the semester the students will be able to effortlessly perform the pieces studied.

BEGINNER GUITAR II

HALF YEAR 1/2 UNIT This course will focus more on advanced concepts of sight-reading, ear training

and music theory. Popular Jazz composers such as Billy Joel, Stevie Wonder and Miles Davis will be studied. Students will be expected to learn major, minor and pentatonic scales. They will apply these studies to the art of improvisation. In the classical area they will begin studying etudes as well as Bach's inventions. Students will be able to use more complex chord progressions as well as perform Traditional and Modern Blues tunes by the end of the semester.

JAZZ HISTORY/JAZZ ENSEMBLE

HALF YEAR 1/2 UNIT

This course is designed to meet the needs of students who have demonstrated proficiency in reading music and in the art of improvisation from previous courses such as: Guitar I and II.

This AP class will cover early American Music to contemporary works encompassing pioneer composers such as Jelly Roll Morton, Duke Ellington, and Louis Armstrong among others. Students will explore the Modern Era of the 1950's – 1980's as well. They will compare and contrast the Swing, Big Band, Bebop, Avant Garde and Electronic genres.

With these studies students will acquire the skills to perform the music of the Masters of the Modern Era such as Duke and Miles Davis in an ensemble setting.

PERCUSSION I

HALF YEAR 1/2 UNIT

This course will cover the basics right, left handed coordination and correct handling of mallets, as well as sight-reading, ear training and music theory. Students will study the anatomy of the instrument and learn some basic repair skills. Over the course of the semester the students will be expected to learn at least 3-5 pieces from different musical idioms. They will study several simple ostinados and perform them in a class ensemble. Students will be expected to use the Orff musical instruments as well as Latin and African Percussion instruments. By the end of the semester students will be able to publicly perform written and improvisational music.

PERCUSSION II

EARTH SCIENCE R

FULL YEAR

1 UNIT

The Earth Science course presents a study designed to encourage students to find out about their world by experiencing it first hand.

Earth Science is one of the most relevant sciences students can study. It is through this study that students begin to understand the world around them and the forces responsible for the changes they experience. It is also through the study of Earth Science that the delicate balance on our planet can be understood and appreciated. Students will learn that the Earth is a home with limited resources and limited ability to recover from abuse. The course contains nine core units: Science Skills; Earth in Space; Astronomy; Weather; Climate; Erosion; Deposition and Landscapes; Minerals and Rocks; Dynamic Crust; and Geologic History.

Students are required to complete a Laboratory Practical Exam; a minimum equivalent of thirty hours of laboratory investigation with satisfactory reports submitted; and to take the New York State Regents Examination as partial fulfillment of the course.

CHEMISTRY R

FULL YEAR

1 UNIT

This course content includes the study of Energy and Matter, Atomic Structure, Nuclear Chemistry, Chemical Bonding, generalities of the Periodic Table, Kinetics, Equilibrium, Acid-Base Theories, Redox reactions, Electrochemistry, Organic chemistry and applications of Chemical Principles. Mathematical problems are integrated in each unit as it applies. Students are required to complete a minimum equivalent of thirty hours of laboratory investigation, a departmental mid-year examination and the New York State Regents Examination as partial fulfillment of the course.

GENERAL SCIENCE

FULL YEAR

1 UNIT

The General Science course consists of three different scientific categories. The first one is life science. Students will explore the various aspects of the simplistic, to the most complex forms of life. Next, students will investigate the world of physical science. Concepts will include properties and types of matter, atoms and elements, chemical compounds, mixtures, formulas, reactions and forces, motion, energy and simple machines. Finally, students will study astronomy, the formation of earth and the various factors that are continuously shaping the world around us. Students are required to complete a minimum of twenty laboratories and successfully complete the New York State Regents Competency Exam.

Social Studies

GLOBAL HISTORY 9R

FULL YEAR **1 UNIT**

In studying world history from prehistoric times to the early 19th century, unit work will center on political, social and economic topics studied within a historical context. Students will be required to make connections among concepts and themes in Global History and link them across time and place. Instruction will also emphasize the application of social studies skills in multiple historical settings. Specific time will be devoted to preparing a paper on some topic related to the course of study.

GLOBAL STUDIES 10R

FULL YEAR **1 UNIT**

Prerequisite: Global Studies 9.

In studying world history from the early 19th century through contemporary times, unit work will center on political, social and economic topics studied within a historical context. Students will continue to be required to make connections among concepts and themes in Global History and link them across time and place. Preparation will also emphasize the teaching an application of social studies skills in multiple historical settings. Specific time will be devoted to preparing a research paper on some topic related to the course of study.

UNITED STATES HISTORY AND GOVERNMENT 11R

FULL YEAR **1 UNIT**

Prerequisite: Global Studies 10.

This course will include a chronological survey of United States history in general, but the emphasis will be on the U.S. as a developing industrial and post-industrial nation. Constitutional and legal issues will be explored in depth, as well as the problems of a dynamic industrial society in an increasingly complex and

technology-oriented world. Class work and homework is supplemented by use of various source materials and readings. Students are required to research and prepare at least one research paper on some aspect of the course. The final examination in the course is the New York State Regents Examination in U.S. History and Government.

Social Studies 12

In fulfilling the requirements of one unit of credit in Social Studies 12, a student must take a one-semester course in Economics and Economic Decision Making and a one-semester course in Participation in Government. In order to be eligible for graduation, a student is required to achieve a Passing grade in each semester course. Grades for semester courses are determined by averaging two quarterly grades with a final examination grade or its equivalent such as a term paper or course project.

ECONOMICS AND ECONOMIC DECISION MAKING

HALF YEAR **1/2 UNIT**

This semester course focuses on basic economic concepts relating to the functioning of the economic system of the United States.

PARTICIPATION IN GOVERNMENT

HALF YEAR

1/2 UNIT

This one-semester course emphasizes the role of the citizen in a participatory system. The enhancement of self-government through the ability of citizens to make reasoned and effective decisions serves as the central theme of the course. It is offered specifically for students requiring special attention in improving their social studies skills as well as their ability to read and write well.

COSMETOLOGY

INTRODUCTION TO COSMETOLOGY

Students taking this two-year course must attend 1,000 hours of instruction before taking the New York State Cosmetology Board exam. Topics of study include hair styling, haircutting, coloring, highlighting, wiggery, cosmetics, skin care and nail technology. Upon completion, many students find work as a licensed cosmetologist, while others take courses at an advanced technical school or a two- or four-year college. Students can receive a third unit of science over two years.

Academic Intervention Services (AIS)

Greenburgh North Castle has developed an AIS plan consistent with New York State regulations. Students are provided Academic Intervention Services based on the following criteria:

- Students who have not yet passed a Regents examination required for graduation. These five exams are English, Living Environment, Integrated Algebra, Global History and Geography, and US History and Government.
- ♣ Students who are in danger of not passing the above examinations and referred by a teacher and administrator.
- Students who scored at level 1 or 2 on the DORA and/or DOMA assessments.

Participation in AIS is mandatory for students who meet the above criteria and includes enrollment in the District Summer Program, counseling from a school counselor, school psychologist and/or social worker to address attendance and academic issues and other academic supports.

THE UNIVERSITY IN THE HIGH SCHOOL PROGRAM

In order to provide qualified Greenburgh North Castle students with an opportunity to acquire college credit, the University In The High School (UHS) Program developed in collaboration with local colleges* has been expanded. Courses are offered in health and business. District Administrators are also evaluating other courses which may be offered in the future. In order to enroll in a UHS course students must meet the established prerequisites. College credit will be granted in UHS courses if the student achieves a grade of 75 or higher. A student must earn a minimum grade of 65 in order to receive credit towards graduation. There are no exemptions from final examinations. Greenburgh North Castle also has formal agreements with Westchester Community College and Monroe College for students to enroll in college courses on their campuses. Questions about the program should be directed to the Guidance Counselors. There are many advantages to students enrolling in the University in the High School Program and enrolling in the on campus programs at Westchester Community College and Monroe College.

For example:

1. They can earn college and high school credit for successfully completing the courses.
2. They can fulfill first year courses required for college graduation. This would enable the students to enroll in courses of their choice, during their freshman year, including those in their major area of concentration.

3. The cost of a college education could be reduced depending upon the college and the student's plans. The student could reduce college attendance from four to three years.
4. Frequent class meetings are in a structured high school environment.
5. They will be instructed by professionals who are knowledgeable, experienced and have been trained to teach.
6. Greenburgh North Castle teachers are accessible to students.
7. The transcript is acceptable to many colleges and universities
8. The tuition for each course is typically waived.

*** Local Colleges include Westchester Community College, Mercy College and Monroe College.**