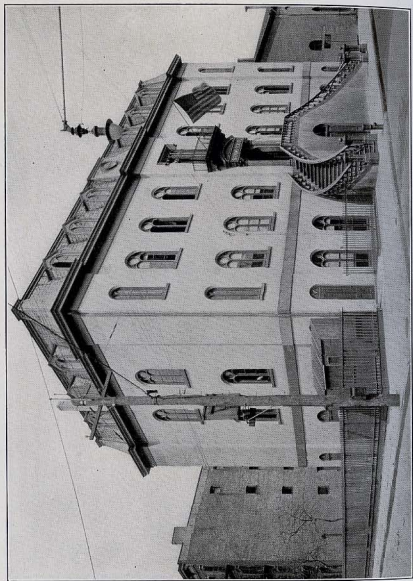


HOBOKEN, NEW JERSEY

JUNE 1922



STEVENS SCHOOL

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JUNE 1922

SIXTH STREET AT PARK AVENUE
HOBOKEN, NEW JERSEY

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STEVENS SCHOOL



TEVENS SCHOOL, founded in 1870 by the Trustees of Stevens Institute of Technology, has had a long and successful existence. It was one of the first schools in the country to offer satisfactory training in Mathematics and Science, as it introduced into its curriculum at the beginning several novel features, one of which was the teaching of two mathematical subjects during the same year.

From 1912 to 1916, Stevens Institute had grown so rapidly in numbers, on account of admission by certificate as well as by examination, that part of the school building on River Street had been occupied by the Institute classes and, in October, 1916, the Trustees decided, with regret, that they would need the whole building as a recitation hall, the change to take effect in September, 1917.

At once, Mr. B. F. Carter and Mr. L. G. Saunders, for many years members of the Faculty, started to make arrangements to continue the School in a new location. They were fortunate in securing the former Hoboken High School building, and Stevens School opened on September 17, 1917, for the first year under the new management. The Head Masters enjoyed the co-operation of the Trustees of the Institute and the assistance of many of the former excellent Faculty.

Co-operation of Stevens Institute The Trustees wished the close relations between the Institute and School to continue and Dr. Alexander C. Humphreys, President of the Faculty and Board of Trustees, sent to patrons a letter embodying their views, in which he says:

"Our co-operation will take definite form as follows:

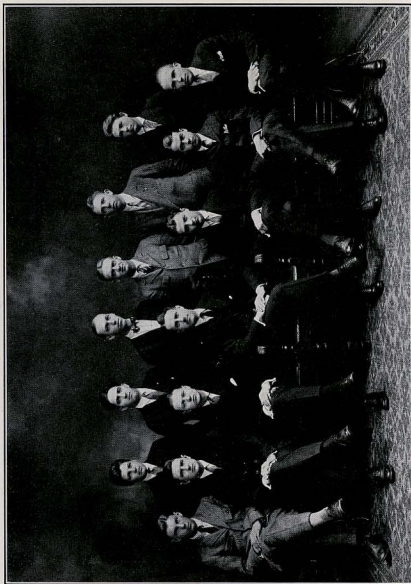
1. The School can continue to be known as Stevens School.
2. An advisory board will be appointed from the Institute Faculty, to exercise an oversight of the administration of the School at least for the next three years, that is, until the students now in the School have had the opportunity to graduate.
3. At least for the same period, one free scholarship in the Institute each year will be, as before, open to competition.
4. Certain parts of the equipment of the School, including the physical and chemical apparatus, will be placed at the disposal of the new organization, so long as the School is conducted to meet our views.
5. The athletic trophies of our School shall be placed in the keeping of the new Stevens School under the same conditions as stipulated in No. 4.

"With these facts presented, the Trustees extend to the new enterprise their best wishes for the greatest measure of success with the hope and belief that it will maintain the traditions and high educational standards of the old School, and that a close and friendly relation will be cultivated and maintained between the new School and the Institute.

"Finally, on behalf of the Trustees, I express the hope that the students now enrolled in the School will enroll as members of the new School."

Since June, 1918, the School has been under the sole direction of the Head Master, Mr. Carter, as Mr. Saunders resigned his position at that time.

In March, 1920, the Trustees of Stevens Institute of Technology renewed the arrangement outlined above for a period of three years, dating from September, 1920.



LEVER STAFF, 1922

LOCATION AND BUILDING

Location The School occupies the former Hoboken High School building, called the Martha Institute, at the corner of Sixth Street and Park Avenue. It is easily accessible from all points in metropolitan New York and New Jersey, as it is only thirteen minutes' walk from the Hudson Tubes Terminal, the Lackawanna Terminal, the Barclay, Christopher, and Fourteenth Street ferries. In addition, it is but three short blocks from the Washington Street trolley line, and one block from the Willow Avenue line, to both of which transfers may be obtained from the Jersey City, Weehawken, West Hoboken, and Union Hill lines, and all through lines entering Hoboken.

Building The large brick building is well adapted for school purposes, situated as it is on a corner, with light and air on all four sides and on streets paved with asphalt or wood blocks. Every classroom is well ventilated and lighted, not only by large windows, but also by electric light for dark and stormy days.

The whole building was thoroughly renovated and put in the best of condition, the heating plant overhauled and additional radiation installed. There are five fire exits and a wide fire escape with regular steps, leading from the top floor.

On the ground floor is a large assembly hall where the School gathers for singing and public speaking, for addresses by men of influence in various lines, for reports of athletic activities, and for meetings that tend to develop school morale. In this way, each student realizes that he is an integral part of the School, while section and class feeling merge into school loyalty.

On the floors above the hall are nine classrooms, two large laboratories, a reading room, office, and lunchrooms.

The Hoboken Turn Hall, one-half block away, is used during the winter for basket ball.

REQUIREMENTS FOR ADMISSION

Applicants for admission to the Junior Class must have completed the courses of study in the grammar grades. They are admitted without examination on presentation of a diploma.

Applicants for admission to the higher classes must take examinations on the work of the classes below the one they wish to enter, or present certificates from the schools previously attended, stating that they have passed satisfactory examinations in the subjects mentioned or their equivalents. Such certificates are essential also in giving credit for admission to college.

It is important that application be made as early as possible. As a personal interview is much more satisfactory than a letter, the applicant is requested to see the Head Master in person, whenever convenient. It is hoped, also, that parents will accompany their sons on the first visit to the School.

Students, if properly qualified, are received at any time, but the advantages of the boys who enter at the beginning of the school year or of the second term are obvious. It is noticed, also, that those who enter early in the school course are better prepared for the higher classes, both in mental training and in the completeness of their scholastic preparation, than those who enter the School later. Our records prove conclusively that the students who have spent three or four years in the School succeed much better in college than those who have come for a shorter time.

Registration Registration days in 1922 will be as follows: June
Days 12 to July 14; August 28 to September 18. Office hours, 10 to 4, and by appointment.

Students should bring with them, if possible at the first interview, credentials from other schools attended, in order that their

courses may be arranged with an exact knowledge of what they need.

Applications for admission may be made by letter or in person at any time during the year and are filed in the order in which they are received.

Examinations for conditioned and entering students will be held on September 14 and 15, 1922.

FEEES

The tuition for all classes is \$225 per annum, payable \$125 at the beginning of the first term, and \$100 at the beginning of the second term. If a student enters for the second term only the charge is \$125 for that term.

Students entering at any time within six weeks from the beginning of the term are charged full tuition. No deductions are made for absence except on account of illness and then only when the absence has continued for half a term. In such cases the loss is divided equally between the School and the parents. No refund is allowed for pupils withdrawing from the School for other reasons than sickness.

Each student is required, upon admission, to make a deposit of \$5, which will be returned or allowed in final settlement upon the graduation or withdrawal of the student.

In order to defray, partially, the cost of the maintenance of athletics, an annual athletic fee of \$5 is charged each student.

There is a charge of \$2 for the use of laboratory material in both Chemistry and Physics.

COURSES OF STUDY

I. SCIENTIFIC

JUNIOR CLASS

First Term

Algebra to Quadratics—5 periods; Physiography—5 periods; English—5 periods; Foreign Language—5 periods; Free Hand Drawing—1 period.

Second Term

Algebra to Quadratics—5 periods; Physiography—5 periods; English—5 periods; Foreign Language—5 periods; Free Hand Drawing—1 period.

LOWER MIDDLE CLASS

First Term

Algebra to Quadratics (continued)—3 periods; Arithmetic—2 periods; Biology—3 periods; English—4 periods; English History—5 periods; Foreign Language—5 periods; Free Hand Drawing—1 period.

Second Term

Algebra to Quadratics (continued)—3 periods; Arithmetic—2 periods; Biology—3 periods; English—4 periods; English History—5 periods; Foreign Language—5 periods; Free Hand Drawing—1 period.

UPPER MIDDLE CLASS

First Term

Plane Geometry—5 periods; Chemistry—4 periods; Chemistry Laboratory—2 periods; English—4 periods; American History and Civil Government—4 periods; Foreign Language—5 periods.

Second Term

Plane Geometry—5 periods; Chemistry—4 periods; Chemistry

Laboratory—2 periods; English—4 periods; American History and Civil Government—4 periods; Foreign Language—5 periods.

SENIOR CLASS

First Term

Algebra, Quadratics and Beyond—4 periods; Solid Geometry or Plane Trigonometry—5 periods; Physics—4 periods; Physics Laboratory—2 periods; English—4 periods; Foreign Language—5 periods; Mechanical Drawing—1 or 2 periods.

Second Term

Algebra, Quadratics and Beyond—3 periods; Advanced Algebra (for high-stand students)—4 periods; Plane Trigonometry or Solid Geometry—5 periods; Physics—4 periods; Physics Laboratory—2 periods; English—4 periods; Foreign Language—5 periods; Mechanical Drawing—1 or 2 periods.

II. ACADEMIC

JUNIOR CLASS

First Term

English—5 periods; Latin—5 periods; Physiography—5 periods; Algebra to Quadratics—5 periods; Free Hand Drawing—1 period.

Second Term

English—5 periods; Latin—5 periods; Physiography—5 periods; Algebra to Quadratics—5 periods; Free Hand Drawing—1 period.

LOWER MIDDLE CLASS

First Term

English—4 periods; Latin—Cæsar, Gallic War, Books I-IV: Prose Composition—5 periods; Second Foreign Language—5 periods; Ancient History or English History—5 periods; Algebra to Quadratics (continued)—3 periods.

Second Term

English—4 periods; Latin—Cæsar, Gallic War, Books I-IV: Prose Composition—5 periods; Second Foreign Language—5 periods; Ancient History or English History—5 periods; Algebra to Quadratics (continued)—3 periods.

UPPER MIDDLE CLASS

First Term

English—4 periods; Latin—Cicero, six orations or equivalent: Prose Composition—5 periods; Second Foreign Language—5 periods; Plane Geometry—5 periods; Chemistry—5 periods, or American History and Civil Government—4 periods, or Biology—3 periods.

Second Term

English—4 periods; Latin—Cicero, six orations or equivalent: Prose Composition—5 periods; Second Foreign Language—5 periods; Plane Geometry—5 periods; Chemistry—5 periods, or American History and Civil Government—4 periods, or Biology—3 periods.

SENIOR CLASS

First Term

English—4 periods; Latin—Virgil's *Æneid*, six books or equivalent—5 periods; Second Foreign Language—5 periods; Algebra, Quadratics and Beyond—4 periods; Physics, or Chemistry, or Ancient History, or English History—5 periods.

Second Term

English—4 periods; Latin—Virgil's *Æneid*, six books or equivalent—5 periods; Second Foreign Language—5 periods; Algebra, Quadratics and Beyond—4 periods; Physics, or Chemistry, or Ancient History, or English History—5 periods.

The amount of foreign languages, mathematics, and science in each course depends upon the requirements of the college the student is planning to enter.

FACULTY

The School is fortunate in retaining the services for next year of nearly all of the present Faculty. It may be of interest to parents to know something about the men in whose charge they place their sons.

The Head Master, Mr. Carter, after graduating from Princeton University in 1894, received the degree of Master of Arts the following year. He then studied in Paris, Geneva, and Lausanne and taught for two years in Princeton. For nineteen years he was instructor in French and Latin in Stevens School. In 1908, he published French Word-Lists. From 1910 to 1916, he was on the Board of Education of Glen Ridge, N. J., serving for four years as Vice President and President. He has been President of the Home and School Association of the Borough, President of the Glen Ridge Battalion Forum, President of the Glen Ridge Tennis Club and Superintendent of the Congregational Sunday School, and is now Chairman of the Glen Ridge Chapter American Red Cross. For two years he was a member of the New Jersey State Militia Reserve. He is serving his third term as member of the Board of Education, and has recently been elected President for the current year.

Mr. Carter has been Head Master of the School since June, 1917.

Frank J. Davey received his academic education at Marischal College, Aberdeen University, Scotland. Then he went to the Royal College of Physicians and Surgeons, Edinburgh, from which he received a certificate of "Honorable Mention" in Physiology and Anatomy, and first-class honor certificate in Chemistry. After a postgraduate course the degree of M.D. was conferred in 1899 by the Long Island College Hospital. Dr. Davey, for

many years an instructor in the Senior Class, has taught in all the grades of Stevens School and has rounded out more than a quarter of a century of service in the institution.

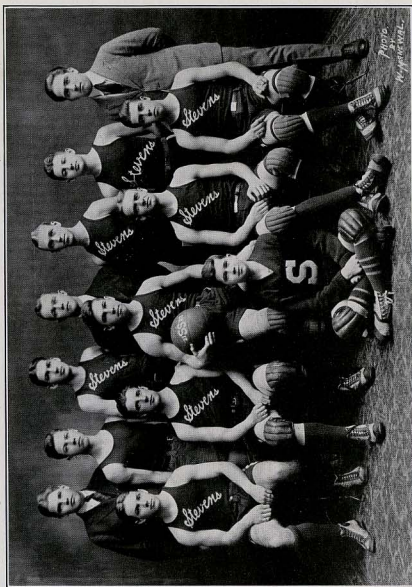
Erwin W. Grove passed a teachers' examination at sixteen and taught for several years in the small country schools of his native county. Later he worked his own way through Lafayette College and New York Law School. He also supplemented his college Chemistry with two summers' work at the University of Pennsylvania. He taught in the Hackensack High School for two years and then came to Stevens School, where he has been Master of Chemistry and English History since 1908.

Henry P. Scratchley studied at Washington and Lee University and at Griswold College, where he obtained the degrees of A.M. and B.D. He has taught at St. John's Military Academy, St. Albans School, and in Stevens School from 1893 to 1908, and again since 1918. Of his thirty-two years of teaching, nineteen have been in this School. He also held the Chair of History in the General Theological Seminary for two years, and has been Rector of several Episcopal Churches in this neighborhood and in Vermont.

Leon E. Daniels received the degree of A.B. from the University of Vermont in 1899. He then studied modern languages at Harvard University. His teaching experience has been obtained at Hefley Institute, King School, and Lawrenceville School. He was for three years assistant editor and translator on the staff of the *Trade Mark Bulletin* and the *Trade Mark Reporter*, New York. He has taught in the School since 1918.

Joseph F. Sullivan was graduated from the Buffalo State Normal School in 1913, and since that time has taught in the Buffalo Vocational School, Newcomb High School, and Bethlehem Preparatory School before coming to Stevens School in 1918.

Samuel H. Lott was graduated from Stevens School in 1899 and from Stevens Institute of Technology in 1903 with the degree of M.E. After serving for several years as Instructor,



BASKETBALL TEAM, 1922

he became Assistant Professor of Mechanical Drawing and Descriptive Geometry in the Institute. He has had considerable practical experience in outside drafting rooms in the following lines of work: Steam Engine, Tempering and Annealing Furnaces, Refrigeration, and Ship Repairing. For a number of years he has taught Mechanical Drawing to the Senior Class in the School.

Leslie C. Spry is a graduate of Mansfield State Normal School and of New York University. His professional work included two years as Supervising Principal of Schools in Westport, Pa., and four years as Master in Newark Academy, before he came to Stevens School in 1920, where, in addition to his teaching, he has been acting as athletic coach.

Allan P. Tanner, A.B., Yale, 1912, has taught at Irving School and at Lawrenceville School. He was appointed Master of Latin and French in 1920.

Harold W. Hobbs, who teaches English and Public Speaking and is Faculty Adviser for the *Lever*, graduated from Amherst College in 1909 and took a postgraduate course at Harvard. He has taught at the Morristown School and the Detroit Country Day School.

D. W. Strayer has been appointed Master of Science to succeed Thomas A. T. Collett, who has resigned. Mr. Strayer holds the B.S. and M.S. degrees from Pennsylvania State College. He has taught for fourteen years in the York High School.

Miss Louella J. Benson, who had served most acceptably as Secretary since 1906, died suddenly last year. In her place was appointed Miss Mary Carye Batchelor, a graduate of Goucher College.

DESCRIPTION OF SUBJECTS

ENGLISH

The study of English in the School has two main objects: (1) command of correct, clear English, spoken and written; (2) ability to read with intelligence and appreciation.

The first object requires instruction in grammar and composition. During the first two years of the course, there is a grammatical review based on Composition and Rhetoric, by Thomas, Howe, and O'Hair. At the same time the principles of composition are taken up and applied in oral and written exercises. During the last two years, Brooks' Composition is used as a textbook to teach more advanced principles in connection with themes and essays.

Spelling is taught not only in English but also in all other courses. For this purpose, special lists of words for each subject has been prepared by the Head Master. The High School Word Book, Sandwick and Bacon, is also used.

The second object is sought by reading classics selected from the list issued by the Committee on College Entrance Requirements, and, in the Senior year, by intensive study of several books named for admission to college, with great stress laid on style, the meaning of words and phrases, and the close study of allusions.

Supplementary Reading Supplementary reading is required of all students in the three lower classes. Printed lists are given to the boys from which they select books of poetry, drama, fiction or non-fiction, reporting to the Master on each one read, or writing out an outline to be corrected.

Assembly declamation is also a part of the English course.

MATHEMATICS

Arithmetic As it is essential that students of mathematics should not only understand the fundamental processes of Arithmetic but should also be able to make mathematical computations with ease and accuracy, the School offers a course in High School Arithmetic for all who are intending to enter engineering courses in college. The subjects taught are Fractions, Percentage, Interest, Ratio and Proportion, Metric System, Weights, Measures, and Square Root. Great stress is laid upon ability to compute rapidly and accurately, special speed tests being given from time to time in Addition, Subtraction, Multiplication, and Division.

This subject bears directly upon the success of the student in other mathematical branches and in the sciences.

Stevens Institute of Technology has placed Arithmetic among the subjects required for admission and this requirement is satisfied by the course offered in Stevens School.

Algebra A majority of the students of Stevens School are preparing to take engineering courses in college. For such pupils a thorough training in Algebra is absolutely essential. The workman must be thoroughly conversant with his tools and the pupil is never allowed to forget that his knowledge of Algebra is a tool which he must use with readiness and precision in his college mathematics. The time devoted to this subject is much greater than in the majority of schools.

Throughout the course two ideas are especially emphasized—application of principles and accuracy of workmanship. The instructor leads the pupil to discover the principles inductively. After a principle is explained, many problems are solved in order that the pupil may learn to apply the principle. Accuracy is secured by requiring checking of results. The student is led to see that the benefit in the correct solution of a problem lies in the

fact that he has consciously and correctly applied one or more principles. He is required to tell, not only how he solved it, but why he solved it as he did, and, in addition, to prove by an adequate check that his result is accurate. Many practical problems are thus solved so that by frequent repetition what has once been learned will not be forgotten.

The result of the course, therefore, is to fix the principles in the student's mind, to teach him when and how to apply these principles, and to make him confident of the accuracy of his work through the use of checks.

Advanced Algebra is taught in the second term of the Senior year for those who need it for college entrance and for others who, although the subject is not required, yet wish to be more than ordinarily well prepared in Algebra.

The text-books used have been the First Course in Algebra by Hawkes, Luby, and Touton, Complete Algebra by Slaughter and Lennes, and Higher Algebra by Hawkes.

Geometry In the teaching of Geometry, the aim of the instruction is to develop and strengthen the power to originate and carry on a logical train of thought. To this end many original exercises are employed and frequent carefully graded tests given.

Plane Geometry is given five times a week throughout the Upper Middle year. It is preceded by a short course in geometrical concepts, taught at the end of the Lower Middle year in connection with Algebra. Solid Geometry is taught five periods per week throughout either term of the Senior year. The text-book is Schultz and Sevenoak's Plane and Solid Geometry.

Trigonometry A knowledge of Plane Trigonometry is of prime importance to the boy who contemplates an engineering course. This is the determining factor in the selection of topics to be treated and in the relative amount of time assigned

to each. Much drill work is given upon those parts of the subject which should be remembered for use in college courses. This subject is given five periods a week during either term of the Senior year. The text-book used is Granville's Plane Trigonometry.

SCIENCE

An important feature of the school course is the introduction of some branch of science into the work of each year.

Physiography In the Junior year, Physiography is studied with the purpose of arousing an interest in natural objects and the common things of life. Even more important, it is believed, than the information gained is the formation of the habit of close observation. Besides the study of Arey's Physical Geography, laboratory experiments are made to determine the latitude of the city, the weather reports are worked out in a practical manner, and government maps of New York, New Jersey, Niagara Falls, Mt. Shasta, the Mississippi Delta, and other places are studied with a view to accurate map reading. Laboratory and Field Exercises in Physical Geography, Trafton, is used as a manual.

Biology In the Lower Middle Class, Biology is taught with Smallwood's Practical Biology as a text. The idea is kept constantly in mind that a boy should understand the relation of plants and animals to one another and to man. The economic value of plants and animals is studied. Special emphasis is placed upon personal hygiene and public sanitation as well as upon the use of preventive medicine. Laboratory exercises are given in order to fix firmly in the student's mind the subject under consideration. Lectures on special subjects are a part of the course. In many cases, topics, assigned to individual students, are made the basis of class discussion.

Chemistry The science for the third year is Chemistry, the course in which includes the study of First Principles of Chemistry, Revised, by Brownlee and Others, for four periods a week throughout the year. Detailed knowledge of the more important elements and their compounds is required. Individual laboratory work covering about thirty-six experiments is carried on for two periods a week and a notebook, written up in the room by the student himself, is certified by the master.

Physics Physics is taught during the Senior year. Milliken and Gale's Practical Physics is the text-book used for four hours a week. Many numerical problems are assigned for both class and home work. The two laboratory periods each week give all the familiarity with the methods of making physical measurements and recording results that can be expected in a preparatory course. Each student keeps a record of his own experiments in a notebook, which is certified by the master.

MODERN LANGUAGES

The courses in French and Spanish follow the method outlined in the report of the Committee of Twelve on Modern Languages.

The aim of the instruction is to make it possible for the student to pronounce correctly, to translate at sight easy prose or poetry, to put into the language studied simple English sentences based on everyday life or upon the text read, and to answer questions on the essential points of grammar and syntax.

In order to secure this, drill in pronunciation is begun with the first lesson and is a constant accompaniment of the instruction. Systematic efforts are made to build up a vocabulary of common words and phrases, in order to provide a basis for sight translation. A thorough drill in the rudiments of grammar and in verb forms is carried on throughout all the years of the course. That the new aural tests of the colleges may be met, special attention is

paid to dictation and to the reproduction in English of unprepared passages read aloud by the master.

The text-books vary somewhat from year to year but generally include some scientific reading as well as poetry, drama, and fiction.

After a lapse of four years, a course in German will again be offered in September, 1922, if there is sufficient demand.

LATIN

The aim of the Latin course is twofold: to prepare students for the entrance examinations of any college or scientific school, and to outline the history, mythology, and literature of Rome for those who are not to continue these studies in college.

The work in the Junior Class is in the lesson book, with constant drill on forms, and on the more common constructions that are necessary for easy translation.

In the Lower Middle Class, the Second, Third, and Fourth Books of Cæsar are read first, and a close study is made of the syntax of cases and of modifiers, the object in view being not to treat the grammar as an acquisition of special value in itself, but as a means to more rapid and appreciative translation. During this year, as during all others, considerable time is devoted to sight translation. The First Book of Cæsar, on account of its difficulty, is not read until the second term, when special emphasis is laid on the principles of Indirect Discourse. Prose composition is also made to serve as a basis for the constant review of grammatical forms.

Cicero is the author studied in the Upper Middle Class. At this time the syntax of the verb and the forms of the sentence receive greater attention. Prose composition is continued.

In the fourth year, the Æneid is read along literary rather than syntactic lines, but the grammatical principles are reviewed in composition work. The principles of prosody, in so far as they relate to hexameter verse, are studied.

HISTORY

Two courses are offered in History, each counting one unit for college entrance.

In the Lower Middle year, English History is taught four periods a week, Cheyney's English History being the text-book.

During the next year, American History and Civil Government are taken up, for four periods per week, in Guitteau's Our United States, and Hughes' Community Civics. Outside topics are assigned to individual students and current history is discussed with periodicals as guides.

CURRENT EVENTS

Beginning with the fall of 1917, a systematic effort has been made by the Head Master to bring the notable events of the time before the boys in concrete form. This is done, not only by talks at assemblies, when the most important facts about the World War and the present reconstruction period have been discussed, but also by the use of a large bulletin board on which extracts from newspapers, cartoons, pictures, and the like, are placed daily.

Several times a year a printed list of questions on current events is placed in the hands of each student, half of the questions being based on subjects discussed in assembly, the other half on what should be general information obtainable from newspapers and periodicals. This provides an incentive for personal investigation. In some cases, a regular test is given on this list; the papers are corrected, marked, and returned. At other times, the questions form the material for an oral platform "quiz" at a morning assembly.

One period a week is devoted to class discussion of current events. Student chairmen are elected and special assignments are given to the class by them.

Reading Room

In connection with our Current Events Tests, we have supplied the students with a variety of reading matter, embracing the following, all of which are on file in the Students' Reading Room: New York Times, World's Work, Outlook, Collier's Magazine, National Geographic Magazine, Popular Science Monthly, Literary Digest, Independent, Scientific American, as well as The Stute, and other college publications. For the use of the masters, subscriptions have been made to School Science and Mathematics, Mathematics Teacher, Modern Language Journal, Historical Outlook, Classical Journal, Educational Review, American Education, Education.

DRAWING

Free Hand Drawing is taught for one period a week in both the Junior and Lower Middle Classes. The students are trained in the fundamental principles of perspective and line drawing, the difficulty of the work set being constantly progressive.

Mechanical Drawing is given for one period a week during the Senior year, a certain minimum number of plates being required of all; for those especially capable and who desire to progress more rapidly an opportunity is given to do advanced work, as the instruction is entirely individual. Any student who enters the School with a good knowledge of Mechanical Drawing is encouraged by Professor Lott, Assistant Professor in Stevens Institute, in charge of the course, to continue from the point already reached.

These courses are of very considerable value to all students who are preparing for technical institutions, both as a foundation for college work and as assistance in preparing laboratory notebooks in the sciences.

GENERAL INFORMATION

Sessions The regular school sessions begin at 9.03 a.m., and end at 2.15 p.m. There are six recitation and study periods during the day and twenty-five minutes for lunch. On Tuesdays and Thursdays the periods are forty-six minutes long; on other days, forty-two minutes long.

For one hour after 2.15 p.m. the masters assist students behind in their work through either inattention or illness, in order to try to bring them up to the passing grade. Those boys who have failed to recite well during the day or to hand in home work remain with their instructors until the failure is made up. Much of the laboratory work is also done during this period, both in Physics and Chemistry.

Assembly On Mondays, Wednesdays, and Fridays at 11.15 a.m. the School gathers in the Assembly Hall, where there is public speaking by the students on two mornings, while on Wednesdays talks are given by members of the Faculty or invited guests, or the School joins in singing patriotic and popular songs.

In order to give free play to individual ability, the public speaking for the students has been made to cover not merely the delivery of the usual pieces for declamation, but also talks on subjects in which the speaker is especially interested. In this way, a wide variety of entertaining and instructive matter has been presented. Mr. Hobbs trains all the students in public speaking.

Every few weeks, the orchestra plays for the School and the twenty minutes of assembly are devoted to singing.

Lunchroom Following the assembly there is a half hour for lunch. The boys find a well-equipped lunchroom on the top floor, where good, hot, varied food is served at reasonable

prices. The lunchroom is run by the School under the care of Miss L. Kahler. If the students prefer they may eat, either here or in the Assembly Hall, their own lunches brought from home.

EXCUSES

In a day school which draws its pupils from a region extending thirty miles in almost every direction, and in which necessarily the dependence on the various modes of conveyance is absolute in all kinds of weather, the subject of excuses has great importance.

To accommodate those living at a distance, the opening of the School is placed at 9.03. When absolutely necessary, a sufficient "time allowance" is given to the pupil upon receipt of a letter from the parents, stating the grounds for the request. Parents are asked to co-operate with the School in seeing that their sons arrive on time, except under unusual conditions, for, when a pupil is tardy, he loses a part, and generally an important part of the lesson and disturbs the class when he enters. No excuse should be given for tardiness unless there is a reason assigned. Boys who are tardy are expected to remain after school for an extra forty-five minutes.

Pupils are excused for absence from school sessions only on the presentation of a written excuse from home stating the reasons, to be brought on the day following the absence. This is so important a matter that it is the hope of the Head Master that the parents will observe it in all cases.

Parents should not give excuses to their sons to leave school before the afternoon session is ended, unless it is absolutely necessary. Pupils miss, by leaving school before the session is ended, either the whole or part of a recitation, or of a study period, in which they might have the help of the teacher in any difficulty which they might have encountered. The whole time of the two school sessions is necessary for the school work, necessary for the masters in teaching, and for the pupils in learning.

All requests to be excused must be in writing, and from parents or guardian. They are in all cases acted upon by the Head Master.

No student is permitted to leave school at any time without the permission of the Head Master. Infringements of this rule will be severely punished.

It is hoped that appointments for dental work will be made for such times only as will not interfere with the regular work of the School. It is very important for the students to remain at school, not only for recitations, but also for the detention period, which runs from 2.15 to 3.05, in case their work is not sufficiently high.

Whenever possible, such appointments should be made for Saturday hours, instead of for school afternoons.

PREPARATION FOR COLLEGE

Advantages of Private Schools The private school is not co-educational and, as a result, the boys find fewer distractions during school hours and make fewer social engagements for afternoon and evening than in high schools.

Again, smaller class sections permit of more detailed and intensive work, each individual pupil securing thereby more of the instructor's attention both during and out of regular hours.

As the system of promotion is more flexible, less time is lost. The student body is homogeneous as well as democratic.

Another advantage of many good private schools, and especially of Stevens School, lies in the fact that, as most of the students plan to enter college, the teachers, thoroughly conversant with entrance requirements, direct their energies and the work of their pupils toward one goal. This can be done in but few high schools, as, in most, only a small percentage of the student body takes the college preparatory courses and the preparation cannot readily, therefore, be as well planned, as detailed, and as comprehensive as in Stevens School.

It is important to note, too, that the students come into contact with men teachers only, men of experience both in teaching and handling boys.

In nearly every case, students who have come to us from high schools have shown a decided improvement in their work.

As most of the students of the School desire to go to college, special efforts are made to prepare them thoroughly and with the least possible loss of time for whatever institution they wish to enter. To secure this result, each boy on being admitted to the School is asked to state his preference as to college at as early a date as possible; his course is then arranged with reference to the special requirements for admission. This decision should be made not later than the beginning of the Upper Middle year.

Certification Privileges Stevens School has enjoyed certification privileges for many years from all of the leading institutions granting admission by this method. Among the colleges to which recent graduates have been sent on certificate may be mentioned Stevens Institute of Technology, Brown, Columbia, Cornell, Lehigh, Lafayette, New York University, Wharton School of Finance, Union, and various law and dental schools. Other boys have entered, by examination, Princeton, Yale, and Massachusetts Institute of Technology; others have entered, partially by examination and partially by certificate, Syracuse, Rensselaer Polytechnic, Williams, and Amherst.

Aim of Instruction In general, the aim of instruction is to give the necessary content of knowledge in each subject, but still more to develop individuality in thought, accuracy in work, clearness in statement.

Assignment to Classes On account of the flexibility of the system of instruction, it is possible for a student to take different subjects with several classes. Because of this, the student's state of preparation is the guide of assignments to

classes: in each subject he is placed in the class for which he is prepared. This is especially true of the languages—Latin, French, or Spanish—in which the degree of advancement frequently bears no relation to the preparation of the student in Science or Mathematics.

Assignments to classes are provisional: if at any time the student's interests demand a readjustment of schedule, this will be made, in order that the best results may be secured.

Diplomas Those students who obtain, either by examination only or by examination and certificate from other schools, a grade of sixty per cent in studies aggregating seventy-two points, are entitled to the school diploma. Of these seventy-two points, at least fourteen must be in English, ten in Mathematics, ten in Science, ten in Foreign Languages, four in History, and one in Drawing. A point represents one period per week throughout the school year, except in laboratory work, in which two periods are equal to one of studies requiring preparation.

Certification While the passing or diploma grade is sixty, a certificate for admission to college will be granted only to those who secure a final grade of seventy-two in the subjects to be certified. This distinction is necessary, first, for the protection of the applicant for admission himself, as experience shows clearly that the boys who succeed in just passing their school studies with no margin of safety, are generally dropped from college during Freshman year; second, to protect the certificate privilege for future classes; third, to protect the reputation of the School.

In order that this certificate grade may be reached in all of the subjects required for admission to college, constant application, continued study, and an ambitious desire to succeed, are necessary.

Home Study The support and co-operation of the parents are earnestly sought in this connection. It is the province of the School to provide the necessary instruction in all branches, to train the students in the proper methods of study, to try to arouse an interest in work, but, as much of the actual preparation must take place at home, we urge parents to see that, from Monday to Friday, very few outside engagements be allowed to interfere with home study. Although all students have at least one period a day during school hours for preparation of their lessons, yet the amount of home study should be not less than one and one-half hours five nights in the week during the first two years, and two and one-half hours during the last two years of the course. This daily term work must be done conscientiously if the final grade is to prove satisfactory, as the term marks and the examination grades are averaged together on the basis of two-thirds for the term and one-third for the examination. The importance, also, of beginning the year on time and beginning well, of avoiding tardiness and unnecessary absences, cannot be overstated.

Examinations Examinations are given to test the thoroughness of the work done by the student. Formal term examinations, from two and one-half to three hours in length, are held at the end of each term. Shorter tests, covering two periods, are given at the end of each six weeks. The results are averaged in with the daily marks and the grades permanently recorded.

Reports Reports are sent to parents every six weeks throughout the school year. These give the results of the six-week periods and of the terms in each subject pursued, together with a record of attendance, punctuality, and deportment. It is very earnestly requested that parents examine these reports carefully, affix their signatures, and return them to the School within one week after their receipt.

Reports are due on the following dates: November 3, December 5, February 9, March 23, May 11, June 27.

Special reports of failures in any subject will be sent home every three weeks. These failures are due in almost every case to lack of sufficient home study, and if the reports show low marks, the Head Master requests that the parents take this matter up at once with their sons, in order that more time may be devoted at home to the preparation of the lessons.

COMMENCEMENT

1921

The Fourth Annual Commencement of the School took place on Friday, June 10, 1921, at 8 p.m., in the auditorium of Stevens Institute of Technology.

After introductory remarks by the Head Master, the Salutatory was delivered by Robert Oscar Sanderson. The feature of the exercises was the address to the graduating class by Dr. John McDowell, Secretary of the Presbyterian Board of Home Missions. This was followed by the Valedictory, delivered by Bruno Emil Roetheli, the presentation of prizes, and conferring of diplomas.

Diplomas were conferred on the following members of the Class of 1921:

Donald Edwin Beers
William Charles Frederick Beg-
linger
Harold James Benson
James Kenneth Bradley
Richard George Breckenridge
Robert Mitchell Burr
Spartaco Casavecchia
Horace Gordon Craddock

Lester Armitage Crone
John De Cicco
Arthur John De Riso
Milton Kenneth Emerson
Newton Charles Ewalt
George Washington Faurie
Charles Henry Finke, Jr.
Frederick Charles Fischer
Harry Jerome Fisher



BASEBALL TEAM, 1921

Lloyd Donald Fitzsimmons	Antonio Edward Molina
Harry Houston Francisco	Justus Post Nesbitt
Walter Adolph Grebenstein	Horace Sill Peck, Jr.
Louis Richard Haas	Bruno Emil Roetheli
Donald Ayres Harper	William Alexander Ropes
Daniel James Hegeman, Jr.	Edmund Barnes Rose, Jr.
George Washington Hood	Robert Oscar Sanderson
Henry Howard Keller	Daniel Schoonmaker
James Robert Kelly	Mason Frederick Seidler
John West Kinney	Herbert Louis Smith
Ho Ming Lee	Kenneth Baxter Squire
Frank Goodwin Edward Livingston	Edwin Holbrook Stratford, Jr.
Vincent de Calatrava Lynn	William Benjamin Stretch
George Charles McCloud	William Wade Tweddell
Robert Ellsworth McLane	Harry Robert Varndell
Nicholas Louis Messina	Henry August Weber
Theodore Richard Meyers	Melvin Floyd Weisbart
	Herbert Clarence Wessman
	Ralph Balmain Woolley

After the graduation exercises, the Class of 1921 held their Class Day. The interesting program included remarks by the President of the Class, Milton Kenneth Emerson, the Prophecy, delivered by William Charles Frederick Beglinger, the Class History by James Robert Kelly, and the Legacies, arranged by the Commencement Committee and bequeathed by Louis Richard Haas and Harry Jerome Fisher.

The Commencement Exercises of the Class of 1922 will be held on Friday evening, June 16, 1922. All friends of the School are invited to attend.

Diplomas have been conferred during the year, upon completion of the required work, upon the following:

Lawrence Vaughn Phillips, as of the Class of 1921.

John Henry Tietjen, as of the Class of 1921.

HONORS, SCHOLARSHIPS, AND PRIZES

Honors Those students in each class having a general average of eighty-two per cent or over are placed on the Honor Roll for each six weeks, for the term, and for the year.

At the graduation exercises in June, that member of the Senior Class who has the highest standing for the last three years is accorded the honor of delivering the Valedictory, while the student who stands next highest delivers the Salutatory.

In June, 1921, Robert Oscar Sanderson was the Salutatorian of the class and Bruno Emil Roetheli, the Valedictorian.

Scholarships Through the kindness of the Trustees of Stevens Institute of Technology, four scholarships in the Institute are held by the School, one of which is given annually to that member of the Senior Class who obtains the best average for the Upper Middle and Senior years. This scholarship is worth \$275 per year, as it consists of the remission of tuition in the Institute.

The forty-seventh annual competition, June, 1921, was won by Mason Frederick Seidler with an average of 86.2.

Prizes The following prizes are offered:

A medal to the student who, in the opinion of the Faculty and the Student Council, has done the most during the year to promote the interests of the School. This is called the Student Council Medal.

Won, 1918, by W. J. Brown, '18.

Won, 1919, by R. W. Emerson, '19.

Won, 1920, by A. C. Becker, '20.

Won, 1921, by M. K. Emerson, '21. Honorable mention, V. de C. Lynn, '21.

A medal for the highest standing for the year in each of the four classes. Won, 1921: Senior Class, by H. G. Craddock, '21; Upper Middle Class, by W. J. Volckhausen, '22; Lower Middle Class, by E. A. Huser, '23; Junior Class, by F. N. Esher, '24. Honorable mention: J. W. Kinney, '21; S. Casavecchia, '21; L. R. Haas, '21; H. D. Davis, '22; L. L. Weltner, '23; E. R. Allen, '23; B. Hartman, '24.

A medal to that member of the Senior Class who has obtained the highest standing in Algebra throughout the school course. Won, 1921, by N. L. Messina, '21. Honorable mention, B. E. Roetheli, '21.

A medal to that member of the Senior Class who has obtained the highest standing in both Physics and Chemistry, including laboratory work. Won, 1921, by H. H. Keller, '21. Honorable mention, B. E. Roetheli, '21; H. G. Craddock, '21.

A medal to that member of the Senior Class who has obtained the highest standing in English throughout the school course. Won, 1921, by B. E. Roetheli, '21.

In memory of John Salmon Powers, '22, deceased, his parents have presented to the School a Liberty bond, the interest of which will be used annually as a prize for the highest standing for the year in Physiography, a subject in which this young man was very deeply interested. This prize, awarded for the first time in 1921, was won by F. N. Esher, '24.

One medal only in addition to the Student Council Medal will be awarded to any one student.

STUDENT ACTIVITIES

Athletics All branches of athletics are fostered by the School, including lacrosse, one of the best possible forms of out-of-door exercise. Several recent graduates have made their varsity letter in competition in college in this sport as well as in baseball, football, and basketball.

During the winter, basketball is played at our court in the Turn Hall, one-half block from the School. In order to interest as many students as possible and to give them the benefit of actual games and coaching, intersection series are played between the classes. The championship this year was won by Room 7.

Mr. Spry, of the Faculty, acts as coach for football, baseball, and basketball. There are teams also in track, tennis, and lacrosse. Mr. Keppler, University of Pennsylvania 1918, is coaching the lacrosse team.

Candidates are called out for these sports at the proper time, and it is hoped and expected that as many students as possible will enter their names, in order to secure the healthy exercise involved.

Athletic Association The Athletic Association is composed of the Faculty and students of the School. It controls all branches of athletics under the supervision of the Head Master. A new constitution has been ratified, governing the award of the school insignia to members of the teams.

ATHLETIC LEADERS

1921-1922

FOOTBALL

Captain Horace C. Higbie
Manager Robert T. Weaver

BASKETBALL

Captain Andrew F. Hopper
Manager Erich K. Zimmermann

BASEBALL

Captain Horace C. Higbie
Manager Raymond W. Russ

LACROSSE

Captain Jack L. Kehoe
Manager Hugh D. Davis

TRACK

Manager Robert E. Rich

TENNIS

Manager W. Raymond Mook, Jr.

Lever For the past five years the students of the School have published a school paper, the LEVER. This appears three times during the year. The 1921-1922 staff consists of the following, with Mr. Hobbs as Faculty Adviser:

EDITORIAL STAFF

Editor-in-Chief E. H. Bertuch, 1922
Assistant Editor-in-Chief D. R. Gray, 1923
Literary Editor E. P. W. Pattberg, 1922
Assistant Literary Editor O. H. Higbie, 1923
Art Editor N. L. Rowe, 3d, 1922
Athletic Editor R. H. Smart, 1922
Assistant Athletic Editor K. R. Zimmermann, 1923
Gossip Editor H. J. Fisher, 1922
Alumni Editor W. C. Bohling, 1922
Business Manager E. K. Zimmermann, 1922

Assistant Business Manager L. L. Weltner, 1923
 Advertising Manager W. P. Stitzel, 1923
 Faculty Adviser H. W. Hobbs, A.B.

Orchestra Three years ago an orchestra was formed among the members of the School, and it has been of great assistance in leading the singing in assembly and in playing on several occasions. The membership of the orchestra is as follows: E. J. Penny, Piano; H. Katzwinkel, M. Losi, S. D. Oberle, T. J. Belmonte, Violins; W. R. Mook, Jr., and J. R. Kelly, Cornets; F. R. Salisbury and L. Rispoli, Saxophones; A. Oberle, Banjo Mandolin.

Commencement Committee This committee is composed of J. R. McSpirit, Chairman, A. L. Ruefer, and A. P. Degenhardt.

Senior Promenade Committee This committee has the following members: J. R. Kelly, Chairman, E. P. W. Pattberg, E. R. Grauert, and E. H. Bertuch.

Senior Ring and Pin Committee This committee is composed of G. A. Berger, Jr., Chairman, E. R. Grauert, and E. J. Penny.

STUDENT COUNCIL

Following up the plan begun four years ago, to give the students an opportunity to co-operate in promoting the welfare of the School and to assist by acting as a clearing house for various activities, both mental and physical, this year's Student Council has been formed, consisting of the President of each class, the Vice President and Secretary of the Senior Class, one representative elected by each of seven sections, and the President of the Athletic Association, the Head Master and Mr. Spry serving as Faculty members.

The Council organized as follows: President, J. R. Kelly, P.G.; Vice President, E. W. Pattberg, '22; Secretary, E. H. Bertuch, '22; Members: F. P. Coar, '22, F. H. Johnson, '22, O. H. Higbie, '23, H. C. Higbie, '23, A. G. Harker, '23, F. A. McKeown, '24, E. T. Orr, '24, C. S. Junge, '24, A. F. Toscani, '25, W. H. Salzenberg, '25, Mr. Spry, Mr. Carter.

In accordance with the Constitution of the Stevens School Athletic Association, the Student Council has awarded the S. S. to the following players on the Football Team of 1921: H. C. Higbie, '23, Captain; R. T. Weaver, ex-'22, Manager; E. J. Bartman, '22, F. P. Coar, '22, W. A. Danashevsky, '22, W. J. Glaeser, '22, F. H. Johnson, '22, G. F. Marks, '22, E. H. Van Duyn, '22, H. E. Hahl, ex-'22, E. J. Penny, ex-'22, L. P. Romero, ex-'22, O. H. Higbie, '23, A. J. Murray, '23, E. N. Rinhart, '23, W. E. Fischer, ex-'23, T. Sanderson, ex-'24, and the S. S. 2 for Football to G. H. Florenzie, ex-'22, and A. O. Oberle, '23.

The following members of the Basketball Team of 1921-1922 have been awarded the S. S.: A. F. Hopper, '22, Captain; E. K. Zimmermann, ex-'22, Manager; H. J. Fisher, P.G., A. L. Ruefer, '22, E. H. Van Duyn, '22, H. Breanski, '23, H. C. Higbie, '23, O. H. Higbie, '23. The S. S. 2 for Basketball has been awarded to J. H. Tietjen, '22, S. Cohen, '22, A. W. Laytham, '22, M. B. Frey, '23, C. L. Henricks, '23.

HONOR ROLL

First Term, February, 1922

SENIOR CLASS, 1922

W. VOLCKHAUSEN,	87
W. M. STALLMAN,	86.2
R. E. RICH,	84.1
F. P. COAR,	83.4
G. REZOS,	82.8
H. E. S. SELTZER,	82.3

UPPER MIDDLE CLASS, 1923

F. N. ESHER,	93.3
M. LOSI,	92.7
E. A. HUSER,	90.2
E. R. ALLEN,	87.5
C. L. HENRICKS,	86.4
M. B. FREY,	84.3
L. L. WELTNER,	83.8
H. W. DE WITT,	83.4
R. S. BRUNS,	83

LOWER MIDDLE CLASS, 1924

A. PALUGHI,	87.5
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JUNIOR CLASS, 1925

W. H. SALZENBERG,	90.3
O. J. DONADT,	88.7



FOOTBALL TEAM, 1921

CLASS ORGANIZATIONS

1921-1922

SENIOR CLASS

President, EUGENE W. PATTBERG

Vice President, FIRMAN P. COAR

Secretary, FRANK H. JOHNSON

Treasurer, ENNIS H. VAN DUYN

UPPER MIDDLE CLASS

President, OSCAR H. HIGBIE

Vice President, AUGUSTUS J. MURRAY

Secretary, ELMER N. RINHART

Treasurer, F. RANDALL SALISBURY

LOWER MIDDLE CLASS

President, FRANCIS A. McKEOWN

Vice President, CARL O. HOFFMAN

Secretary, FREDERIC MACNEILLE

Treasurer, BYRON J. FROST

JUNIOR CLASS

President, ALFRED F. TOSCANI

Vice President, WILLIAM G. BADGLEY

Secretary, JACK D. GUNTHER

Treasurer, ARTHUR LOH

SCHOOL CALENDAR, 1922-1923

1922

- MAY 30, Tuesday: Memorial Day, holiday.
 JUNE 7, 8, 9, 12, 13, 14: Examinations on work of Second Term.
 JUNE 16, Friday: Annual Graduation Exercises, 8 p.m.
 JUNE 12—JULY 14: Registration days for applicants for admission.
 AUGUST 28—SEPTEMBER 18: Registration days for applicants for admission.
 SEPTEMBER 14-15: Examinations for conditioned and entering students.
 SEPTEMBER 18, Monday: School reopens for the First Term.
 OCTOBER 12, Thursday: Columbus Day, holiday.
 NOVEMBER 7, Tuesday: Election Day, holiday.
 NOVEMBER 29, Wednesday: School closes for the Thanksgiving recess, 2.15 p.m.
 DECEMBER 4, Monday: School reopens.
 DECEMBER 20, Wednesday: School closes for the Christmas vacation, 2.15 p.m. Alumni Day, 1 p.m.

1923

- JANUARY 3, Wednesday: School reopens.
 JANUARY 29—FEBRUARY 2: Examinations on work of First Term.
 JANUARY 15—FEBRUARY 5: Registration days for Second Term.
 FEBRUARY 5, Monday: Second Term begins.
 FEBRUARY 12, Monday: Lincoln's Birthday, holiday.
 FEBRUARY 22, Thursday: Washington's Birthday, holiday.
 MARCH 28, Wednesday: School closes for the Easter recess, 2.15 p.m.
 APRIL 4, Wednesday: School reopens.
 MAY 30, Wednesday: Memorial Day, holiday.
 JUNE 6, 7, 8, 11, 12, 13: Examinations on work of Second Term.
 JUNE 15, Friday: Annual Graduation Exercises, 8 p.m.

STUDENTS, 1921-1922

POST GRADUATES

FISHER, HARRY J.	Ridgefield Park, N. J.
FRANCISCO, HARRY H.	Great Notch, N. J.
GREENSTEIN, WALTER A.	Weehawken, N. J.
KELLY, JAMES R.	Passaic, N. J.
MEYER, THEODORE R.	Jersey City, N. J.

SENIOR CLASS, 1922

BARTLETT, SANFORD B.	Summit, N. J.
BARTMAN, EDWARD J.	Mountain Lakes, N. J.
BERGER, GEORGE A.	Hoboken, N. J.
BERTUCH, EDWIN H.	New York, N. Y.
BOHLING, WILFRED C.	Woodcliff, N. J.
BREWER, CONDÉ	Palisades Park, N. J.
BROWN, MILLARD F.	Keyport, N. J.
CAHILL, JOHN R.	New York, N. Y.
COAR, FIRMEN P.	New York, N. Y.
COHEN, SYLVAN	Hoboken, N. J.
CURTIS, EDWARD B.	East Orange, N. J.
DANASHEVSKY, WALDEMAR A.	Mamaroneck, N. Y.
DAVIE, JAMES H.	Union Hill, N. J.
DAVIS, HUGH D.	Jersey City, N. J.
DEGENHARDT, ALFRED P.	Jersey City, N. J.
EDELMAN, ALBIN D.	Jersey City, N. J.
ELPHINSTONE, HORACE S.	South Orange, N. J.
FLANAGAN, BERGERON S.	Madison, N. J.
FLORENZIE, GEORGE H.	Jersey City, N. J.
GILMAN, THEODORE P., 3d	Mt. Vernon, N. Y.
GIUFFRÉ, JOSEPH J.	Brooklyn, N. Y.
GLAESER, WALTER J., ...	Bloomfield, N. J.
GRAUERT, E. ROBERT, JR.	Weehawken, N. J.
HAHL, HARRY E.	East Orange, N. J.
HART, PAUL M.	Morristown, N. J.
HEALE, JAMES A.	Park Ridge, N. J.
HOPPER, ANDREW F.	Hoboken, N. J.
JOHNSON, CARL W.	Morristown, N. J.

JOHNSON, FRANK H. West Orange, N. J.
 LAUTERBACH, GEORGE E. West New York, N. J.
 LAYTHAM, ALLISON W. Passaic, N. J.
 McCAfee, JOHN K., JR. New York, N. Y.
 McCUNE, DONALD C. Bridgeport, Conn.
 McSPIRIT, J. RAYMOND Jersey City, N. J.
 MAHON, RICHARD L. Ridgefield Park, N. J.
 MARKS, GEORGE F. Plainfield, N. J.
 MOOK, W. RAYMOND, JR. Metuchen, N. J.
 PATTERBERG, EUGENE W. Jersey City, N. J.
 PENNY, EMIL J. Palisades Park, N. J.
 PHILLIPS, LAWRENCE V. Flushing, Long Island, N. Y.
 PRADILLA, MIGUEL New York, N. Y.
 QUINN, HUGH J. Long Island City, N. Y.
 REYNOLDS, CLIFFORD E. New York, N. Y.
 REZOS, GEORGE Hackensack, N. J.
 RICH, ROBERT E. Edgewater, N. J.
 ROMERO, LOUIS P. Washington, D. C.
 ROWE, NORMAN L. Jersey City, N. J.
 RUEFER, ALVIN L. West Hoboken, N. J.
 RUSS, RAYMOND W. Jersey City, N. J.
 SCHLEICHER, FREDERICK C. Summit, N. J.
 SCHUSTER, RALPH W. Weehawken, N. J.
 SELTZER, HENRI E. S. Weehawken, N. J.
 SHELLY, JOHN P. Passaic, N. J.
 SKILLMAN, CHARLES A., JR. Cranford, N. J.
 SMART, R. HENRY East Orange, N. J.
 SPENCER, F. EDWARD Short Hills, N. J.
 STALLMAN, WILLIAM M. East Orange, N. J.
 TIETJEN, JOHN H. Woodcliff, N. J.
 TRUESDALE, JAMES W. New York, N. Y.
 VAN DUYN, ENNIS H. Bronxville, N. Y.
 VAN VLECK, DURBIN H. Brooklyn, N. Y.
 VOLCKHAUSEN, WALTER Weehawken, N. J.
 WALLACE, GEORGE W. Hoboken, N. J.
 WALTHER, HANS A. Palisade, N. J.
 WEAVER, ROBERT T. Weehawken, N. J.
 WILSON, LOUIS A. New Haven, Conn.
 WOOLSON, LAWRENCE I. Summit, N. J.
 WRIGHT, HAMILTON M., JR. Rutherford, N. J.
 ZIMMERMANN, ERICH K. Passaic, N. J.

UPPER MIDDLE CLASS, 1923

ALLEN, EVERETT R. Jersey City, N. J.
 ATKINSON, WILLIAM T. Caldwell, N. J.
 BARTINDALE, THOMAS H. Maplewood, N. J.
 BARTON, RANDALL W. Tenafly, N. J.
 BAUMGARD, C. HERBERT Montclair, N. J.
 BAYE, EDWIN B., JR. Mountain Lakes, N. J.
 BIELE, CHARLES E. Short Hills, N. J.
 BREANSKI, HENRY West Hoboken, N. J.
 BRUNS, R. STEWART Hackensack, N. J.
 CLEAVER, DAVID H. Paterson, N. J.
 COLE, CHARLES P. Paterson, N. J.
 DANA, DAVID W. Grantwood, N. J.
 DE WITT, HENRY W. Jersey City, N. J.
 DUNN, WILLIAM S. South Orange, N. J.
 ESHER, FREDERICK N., JR. Jersey City, N. J.
 FISCHER, WALTER E. New York, N. Y.
 FOLTETE, LOUIS Hillsdale, N. J.
 FREY, MILLARD B. Newark, N. J.
 FROST, FREDERICK J., JR. South Nyack, N. Y.
 GIANNI, VINCENT New York, N. Y.
 GRAY, DAVID R. East Orange, N. J.
 HARKER, ALFRED G. Bloomfield, N. J.
 HENRICKS, CHARLES L. Weehawken, N. J.
 HEYDECKER, W. CREAGH, JR. New York, N. Y.
 HIGBIE, HORACE C. Plainfield, N. J.
 HIGBIE, OSCAR H. Plainfield, N. J.
 HUSER, EDWARD A. North Bergen, N. J.
 KEROE, JACK L. New York, N. Y.
 KOSTER, ARTHUR C. Mount Vernon, N. Y.
 LEHMAN, IRA Hoboken, N. J.
 LOSI, MAX Jersey City, N. J.
 McDONALD, CHARLES J. New York, N. Y.
 MCGLONE, JAMES W., JR. Weehawken, N. J.
 MARKS, LEWIS New York, N. Y.
 MILLER, HARRY D. Milburn, N. J.
 MILLER, HALSEY P. Newark, N. J.
 MORRIS, JOHN Q. Paterson, N. J.
 MURRAY, AUGUSTUS J. Red Bank, N. J.
 OBERLE, ARTHUR O. New York, N. Y.

RECTOR, JOHN M., JR.	Jersey City, N. J.
RINHART, ELMER N.	Newark, N. J.
SALISBURY, F. RANDALL	Orange, N. J.
SEARFOSS, WILLIAM E.	Bayonne, N. J.
STITZEL, WILLIAM P.	West New York, N. J.
SUCKOW, THEODORE	Paterson, N. J.
SWINTON, JOHN	Linden, N. J.
VEREYST, MARTIN A.	Park Ridge, N. J.
WANSTALL, WILLIAM W.	Arlington, N. J.
WEDEMAN, ERWIN	Weehawken, N. J.
WEISSENBORN, OSCAR E.	Jersey City, N. J.
WELCH, GEORGE A.	New York, N. Y.
WELTNER, LORAIN L.	Jersey City, N. J.
ZIMMERMANN, K. R.	Passaic, N. J.

LOWER MIDDLE CLASS, 1924

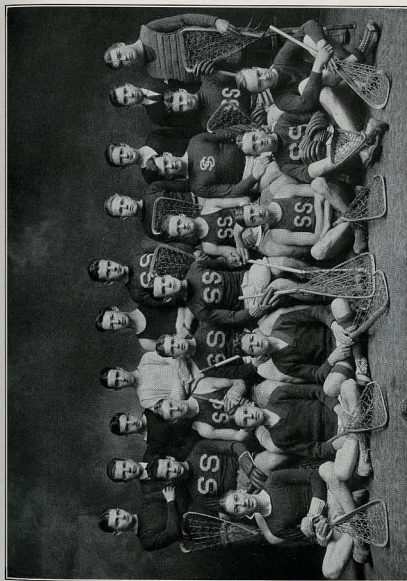
BELMONTE, THEODORE J.	Bayside, Long Island, N. Y.
BLOMELEY, HAROLD H.	Brooklyn, N. Y.
BROWER, JOHN B.	Barryville, N. Y.
COATES, ROBERT E.	Brooklyn, N. Y.
COENE, CHARLES	Paterson, N. J.
DECKER, CHARLES A.	Rutherford, N. J.
DE RISO, FRANK A., JR.	Town of Union, N. J.
ECKENFELDER, WILLIAM W.	New York, N. Y.
FISHER, WILLIAM C.	Hoboken, N. J.
FROST, BYRON J.	Weehawken, N. J.
GALANTI, PETER	Lodi, N. J.
GOODFRIEND, CHARLES F., JR.	Jersey City, N. J.
HARTMAN, BERTRAM	Lyndhurst, N. J.
HOFFMAN, CARL O.	Weehawken, N. J.
JAMES, DOUGLAS	Brooklyn, N. Y.
JUNGE, CLAUS S.	Jersey City, N. J.
KENNEDY, W. RAYMOND	West New York, N. J.
MCKEOWN, FRANCIS A.	Flushing, Long Island, N. Y.
MACNEILLE, FREDERIC	Bayonne, N. J.
MARDUS, HERBERT H.	Mexico City, Mexico
MARSH, WILLIAM P., JR.	Ridgefield Park, N. J.
MORGAN, JACK	New York, N. Y.
MURRAY, ALLAN B.	New York, N. Y.

NELSON, ROBERT T.	Weehawken, N. J.
NORREGARD, NELSON	Brooklyn, N. Y.
ORERLE, STEPHEN D.	New York, N. Y.
O'NEILL, JAMES	Jersey City, N. J.
ORR, EVERETT T.	New York, N. Y.
OSTROM, C. WARREN	Jersey City, N. J.
PALUGHI, AUGUST	Jersey City, N. J.
PARKINSON, PHILIP	Newark, N. J.
RISPOLI, LEWIS A.	West New York, N. J.
SANDERSON, THEODORE	East Orange, N. J.
SCHMIDT, HERBERT P.	Jersey City, N. J.
SCLATER, ROBERT S.	Brooklyn, N. Y.
TAYLOR, WILLIAM R.	Allendale, N. J.
THONHOLT, ERNEST	New York, N. Y.
VANDERHOOF, REGINALD	Denville, N. J.
VOSS, HERBERT C.	Bayside, Long Island, N. Y.
ZAYAS, FERNANDO	Santa Clara, Cuba

JUNIOR CLASS, 1925

ALDER, ROBERT	Woodcliff-on-Hudson, N. J.
BADGLEY, WILLIAM G.	Chatham, N. J.
BARTER, A. HAMILTON	Verona, N. J.
BLAUBERG, WALTER R.	East Orange, N. J.
BROWN, EDWARD A.	Jersey City, N. J.
BUSS, EDWARD P.	Ramsey, N. J.
CANTOR, HERMAN	Weehawken, N. J.
CANTOR, IRVING E.	Weehawken, N. J.
CLIFFORD, JAMES H.	Weehawken, N. J.
DE RISO, WALTER C.	Union Hill, N. J.
DONADT, OSCAR J.	Woodcliff, N. J.
DUNN, BLAIR	New York, N. Y.
EWALD, THEODORE J.	New York, N. Y.
FENNEKOHL, JOHN	New York, N. Y.
FISHER, JOHN P.	Hoboken, N. J.
FREY, WILLIAM C.	Grantwood, N. J.
GAGE, CHESTER T.	Jersey City, N. J.
GUNTHER, JACK D.	Nyack, N. Y.
HAINES, WILBUR A.	West Orange, N. J.
HETTEMMA, THOMAS A.	Passaic, N. J.

HOSINGER, BERTRAND G.	Weehawken Heights, N. J.
JOHNSON, CHARLES F. H., JR.	Passaic, N. J.
KATZWINKEL, HERBERT	Bayside, Long Island, N. Y.
KELLY, TIMOTHY J., JR.	Passaic, N. J.
KLUSSMAN, JOHN S.	West Hoboken, N. J.
KORTE, EDWARD H.	Weehawken, N. J.
LOH, ARTHUR	Town of Union, N. J.
MCCUSKER, EUGENE M.	New York, N. Y.
MELCHER, JOHN E.	Englewood, N. J.
NORRIS, KENNETH E.	Jersey City, N. J.
PATTERSON, RAYMOND	Weehawken, N. J.
PROCTOR, JOHN R., JR.	Bayonne, N. J.
QUINTON, JOHN, JR.	New York, N. Y.
REESE, GEORGE	New York, N. Y.
RISPOLI, RALPH R.	West New York, N. J.
SALZENBERG, WALTER H.	Woodcliff-on-Hudson, N. J.
SCHULTZ, EDWARD F.	West Hoboken, N. J.
TOSCANI, ALFRED F.	Bayside, Long Island, N. Y.



LACROSSE TEAM, 1921