#### **HIGH SCHOOL**

OF

## The Training Department

OF

# Colorado State Mormal School



Series 9 203

#### JUNE, 1909



### HIGH SCHOOL

OF

## The Training Department

OF

## Colorado State Normal School

(In all publications of this institution is employed the spelling recommended by the Simplified Spelling Board.)

JUNE, 1909.

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#### ANNOUNCEMENTS.

#### 1909--1910.

#### FALL TERM.

Opens Tuesday, September 14, 1909. Closes Monday, December 6, 1909.

#### WINTER TERM.

Opens Tuesday, December 7, 1909. Closes Monday, March 21, 1910.

#### SPRING TERM.

Opens Tuesday, March 22, 1910. Closes Friday, June 9, 1910.

- Christmas Holidays from Friday, December 17, 1909, to Monday, January 3, 1910.
- Spring Vacation, from Friday, March 12, 1910, to Monday, March 21, 1910.

Commencement Sermon, Sunday, May 29, 1910.

Class Day Exercises, Thursday, June 2, 1910.

Graduation Exercises, Friday, June 3, 1910.



#### HIGH SCHOOL FACULTY.

ZACHARIAH XENOPHON SNYDER, Ph. D., President Normal School.

> DAVID DOUGLAS HUGH, A. M., Superintendent Training School.

ROYAL WESLEY BULLOCK, Ph. B., Principal High School. History and Economics.

MARSHALL PANCOAST, B. L., Assistant Principal High School. Reading and Literary Work, and German.

ACHSA PARKER, M. A., Preceptress, English and Literature.

JOHN CLARK KENDEL, Pd. B., Vocal and Instrumental Music.

HENRY A. CAMPBELL, A. B., Mathematics and Science.

Members of Normal Faculty who teach or supervise High School classes:

> JAMES HARVEY HAYS, A. M., Professor of Latin.

ARTHUR EUGENE BEARDSLEY, M. S., Professor of Biology.

SAMUEL MILO HADDEN, Pd. B., A. M., Professor of Manual Training.

FRANCIS LORENZO ABBOTT, B. S., A. M., Professor of Physical Science.

ABRAM GIDEON, B. L., B. H., M. A., Ph. D., Professor of Modern Foren Languages.

> RICHARD ERNESTI, Professor of Drawing and Art.

ELEANOR WILKINSON, Professor of Domestic Economy.

GURDON RANSOM MILLER, Ph. B., A. M., Professor of History and Sociology.

GEORGE BRUCE HALSTED, B. A., M. A., Ph. D., F. R. A. S., Professor of Mathematics.

> FRANCES TOBEY, B. S., Professor of Reading and Interpretation.

H. W. HOCHBAUM, B. S. A., Professor of Nature Study and Out-Door Art.

> L. A. ADAMS, A. B., A. M., Associate Professor of Biology.

Albert F. Carter, M. S., Librarian.

#### GREELEY, COLORADO.

JOHN T. LISTER, A. B., Physical Education.

SELA BOYD, Ph. B., Pd. B., Assistant Librarian.

ALICE T. YARDLEY, Pd. B., Assistant Librarian.

VERNON MCKELVEY, Secretary. Office: Normal Bilding.







High School Class of 1910.





The Emerson Club.

#### COLORADO STATE NORMAL HIGH SCHOOL.

#### Historical.

In the year 1900 a few pupils in the Training School were given ninth grade work. The next year ninth and tenth grade classes were conducted, still in connection with the upper grammar grades. In 1902 the High School was fully organized with a complete course of study, and with a principal in charge, thus making it a distinct department, while still an integral part of the Normal School system. In 1904, upon completion of the west wing of the main building, the High School was assignd to its present beautiful assembly room and the surrounding recitation rooms.

#### Ideals and Purposes.

The time has come when the American high school must be in fact, as it is in theory, a public school, closely continuous with the grammar grade school, and offering opportunities to all the youth of the land. The high school must be more than a college preparatory school, more than an elementary trade school, more than a school for any single class of people. It must lead naturally and easily either to the college, to the trade and technical school, to the professions, or to the immediate business of life without further school training.

To prepare students for so wide and varied a range of possibilities the high school must put the individual in pos-

session of at least three factors of success, viz., (1) Large knowledge of facts; (2) Good intellectual habits; (3) High civic ideals.

Knowledge of facts is still, as always, an essential, but it is not now, as formerly, the sole end and aim of school activity. Information may be considerd the grist of the intellectual mill; it is ded material, but it is golden grain, capable of being elaborated and assimilated into rich red blood. One business of the school, then, is to see that the student is constantly acquiring truth and stedily bilding it into his own life and experience. Not by reading alone, but, as well, by observation, by experiment, by experience, and by contact with other minds, should the student come into his just intellectual inheritance, the wisdom of the past and the present.

Intellectual habits are formd from characteristic modes of thought, and these, in turn, become ability along the line of the acquired mental habit. The school concerns itself, consequently, with the establishment of correct habits of thought. Each study affords opportunities which must not be overlookt for the development of judgment, caution, reflection, investigation, perseverance, and similar qualities of mind which collectively constitute good common sense. These habits, crystalized into character, remain with the individual thru life, tho the subject matter of the studies may be forgotten.

Civic ideals are the outgrowth of social experience under circumstances favorable to reflection and consideration for others. Modern society is complex and highly organized. To live happily in this great social body the student must early learn to adapt himself redily to the varied and ever-changing demands of the social circle in which he moves. Experience in class organizations, in literary societies, in athletic teams, and in the numerous groups organized in the school for different purposes soon teaches effectivly the lessons of consideration for others, unselfishness, gentleness, curtesy, and all those social virtues and graces which constitute refinement and good breeding. At the same time such experience brings out the strong qualities of leadership and administrativ ability in those who are to become moving forces in adult society. To be a good citizen one must not only be good, but be good for something. Civic usefulness is the result of habits of cooperation with others for a common purpose.

#### Disciplin.

That disciplin is best which soonest enables a youth to direct his own activities to useful ends while, at the same time, co-operating with others for the common good. The truest freedom is the result of the greatest self restraint. In the Normal High School only such restrictions are enforced as will safeguard the individual and protect the rights of the student body. Coercion is resorted to in no case, the student always being allowd to deliberate upon an issue and choose for himself a course of conduct. If that conduct is wholly inconsistent with the ideals and purposes of the school, the student is advised to withdraw.

Students living in other than their own homes are under the general supervision of the school at all times,

and are expected to preserve a proper decorum at all times, in the town as well as in the school.

Each student has a regular program of recitations to attend. His study hours and vacant periods are, with slight restrictions, at his own disposal.

#### Equipment.

High School students have the use of all the regular Normal School equipment. This includes the library of 40,000 volumes; the laboratories for chemistry, physics, biology, sloyd, domestic economy, etc.; the very extensiv museums of natural history, botany, biology, mineralogy, anthropology, modern industries, etc.; the gymnasium and athletic equipment; the art and ceramic studios and exhibits; the stereopticon and slides; and, in short, all the educational apparatus of a well equipt state institution. This makes the Normal High School probably the best equipt secondary school in the state.

#### Fees and Expenses.

Tuition is free. Text books are furnisht by the school. All students pay \$3,00 per term book fee, \$1.00 per term athletic fee, and \$1.00 per term museum and laboratory fee, \$1.00 per term industrial fee, \$1.00 per term music fee and \$1.00 per term art fee. The total of these fees is \$8.00 per term, \$24.00 per year or about \$2.50 per month. Any one who will examin the equipment of the school will understand that this is a very moderate charge for the opportunity supplied by the school. All fees are to be paid in advance at the beginning of each term. A deposit of

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\$2.00 is required from each student when he registers, which is returnd, less the value of any books lost or damaged, when the student leaves school or at the end of the year.

Room and board costs from \$3.25 to \$3.75 per week, where two room together. There are many opportunities for young men and women to earn their board and room or either separately by working out of school hours. A great many students take their entire high school course in this way.

#### HISTORY AND CIVICS.

PROFESSOR GURDON RANSOM MILLER.

History is considered one of the fundamental subjects of the curriculum because it offers opportunity for unifying the student's fund of knowledge, and gives a basis for the establishment of new lines of study. History is the meeting ground of all branches of knowledge and can therefore be made a common viewpoint from which to discuss the relationship of all branches of study. This study, particularly, liberalizes the student's thought and puts him into the world stream of human life. By a constant use of the library the student is brought to know books also, knowing some books thoroly and many books familiarly.

In the first year of the course is given two terms of ancient history and one term of medieval; in the second year English history two terms and modern European history one term; and in the third year social institutions and civics, and industrial history and economics.

The ancient history comprizes a study of the Hebrew, Egyptian, Babylonian, Persian, Greek, and Roman civilizations to the year 476 A. D. It deals with the progress of industries, art, and government, and teaches by comparison what contributions these nations have made to our modern life. The course in medieval history covers the evolution of European nations from the fall of Rome to the Renaissance and Reformation, and the beginning of modern European civilization. The course in English history deals with the development of social, industrial and civic institutions in England, and with the relation of the growth of England to the development of America. The modern European history treats of the development and organization of European governments and gives a general view of world history during the nineteenth century.

The course in industrial history and economics gives a general survey of the evolution of differentiated industries, then follows with an intensiv study of typical special industries, as agriculture, fishing, mining, manufacturing, trading, transportation, etc., and of mechanical inventions, such as the telegraf, telefone and printing machines, in their effect upon social and industrial life. The course considers that application of human effort and ingenuity to the natural resources of our country which has resulted in our phenomenal material prosperity, and a corresponding increase in comfort, ease, and convenience. It deals with those social problems growing out of modern industrial conditions, with labor organizations, child labor, co-operation, socialism, government or municipal ownership, and with all of the most prominent efforts for the solution of social problems.

The constant effort in this course is to arouse in the pupil a keen and abiding interest in all the life activities about him, and to train him to understand and interpret these activities thru his knowledge of the laws and forces that have in the past produced the conditions which he now experiences. Society in the process of making is the point of departure and the final goal in all the special investigations of this course.

#### CIVICS.

The course in Civics is a study of the theory and practis of citizenship. Such a study may begin where the old course in Civil Government used to end, with a study of the theory of government drawn from a reading of the constitution alone, but it must include the practical working out of civic problems down to the smallest local civic unit.

As the course is actually given in this school the work begins with organized observation of the work of the city council and committees, of the municipal courts and officers of the same, of school districts and their control, and of the county government in all departments, legislativ, executiv and judicial. Excursions are taken to the county offices and to the sessions of court by the class in a body, and individual students consult all local office holders for information relativ to the position. The work of the juvenile court is considerd in some detail, and the method of enforcing all local ordinances is observed.

In the study of state government special attention is given to the work of the legislativ body. The course of various bills of special interest is traced thru committees, and all the forces that affect the final fate of a bill are estimated. All recent and pending legislation is critically examined. The work of important state boards is examind in a local and practical way.

The work on national government, besides the usual reading of the constitution, includes an exhaustiv study of the administrativ departments, particularly the Postoffice Department, Department of the Interior, Department of Commerce and Labor, and Department of Agriculture. The publications of the various bureaus are red and the most recent activities of the bureaus are discust. Thruout the course every effort is made to understand the practical working of all governmental forces as they touch the actual life and interests of citizens.

#### MATHEMATICS.

PROFESSOR GEORGE BRUCE HALSTED.

PROFESSOR HENRY A. CAMPBELL.

Because of the ease and facility given by the new method being handed down from the higher mathematics, our high school, with less than the customary expenditure of time, makes accessible to every one, algebra, that giant pincers of modern practis, and geometry, basis of all arts. After these broadening world tools are in hand, renewd opportunity is given to work over arithmetic with deepening grasp and scope. The principle of performance, disentangling and unifying all of these sciences, becomes a handle by which to carry them thru life as an always available part of one's necessary equipment for high efficiency.

Thru all the work in mathematics, we cultivate, along with accuracy of logic, clear, concise and forcible expression.

#### HISTORY OF COMMERCE.

As commerce is one of the evidences of civilization, so it has always been a large cause in shaping history. A study of the history of commerce gives the student an insight into human motivs and explains events which had previously had but little significance. In the case of our own country particularly, the story of its commercial development is essential to any thoro understanding of its remarkable political, social, and ethical advance.

#### ENGLISH.

#### PROFESSOR ACHSA PARKER.

The results of the study of English in the high school are, it is hoped, many. Not alone should the pupil gain the culture which comes from knowing something of "the best that has been said and done," tho this knowledge is worth much expenditure of time and energy. Nor should

the chief aim be the acquisition of a taste for reading, which shall be a solace and means of self-improvement in after years, tho it would be a great misfortune if this aim were not to a great degree attaind. More important than these are the cultivation of right ideals of conduct, the widening of the pupil's sympathies, and the enriching of his emotional nature, thru the study of the world's literary masterpieces.

On the more formal side, the instructor aims, by requiring constant work in composition, to deepen the impression gaind from the masterpieces studied, and to secure ease and accuracy in self-expression. Not only do the pupils write on topics connected with their literary studies, but they are required, particularly in the ninth grade, to write various kinds of letters, and to express themselvs on the affairs of ordinary school life. In every grade attention to sentence and paragraf structure is given, and the faults in every day English are vigorously combatted. Classes have been formd during the last year in which a small number of pupils requiring more than usual attention could receive training under Normal students specially interested in such cases.

Two terms of English are required in each year, the work conforming as nearly as possible to the following outline:

#### NINTH GRADE.

I. Easy prose and short narrativ poems: Selections from Irving's Sketch Book, particularly the Bracebridge

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Hall Papers; Coleridge's Ancient Mariner; Byron's Prisoner of Chillon; Arnold's Sohrab and Rustum.

II. Heroic types belonging to classical times: Homer's Iliad; Shakespeare's Julius Cæsar.

Pupils are expected to read outside of class at least ten books of general interest. These are to be selected from a list furnisht by the instructor.

#### TENTH GRADE.

I. Heroic types belonging to the days of chivalry: Scott's The Talisman; Lowell's The Vision of Sir Launfal; Tennyson's The Idylls of the King.

II. Studies in the development of unheroic types, particularly the humorous: Shakespeare's Henry IV; Addison's Sir Roger de Coverley Papers.

A review of grammar.

#### ELEVENTH GRADE.

I. George Eliot's Silas Marner: Work in composition involving the application of the principles of unity, coherence and mass to the composition as a whole, the paragrafs and the sentences.

II. Some attention to the characteristic poetry of different periods: Milton's L'Allegro and Il Penseroso, with Macaulay's Essay on Milton; selections from Burns, with Carlyle's Essay on Burns; selections from Wordsworth; Sheakespeare's Macbeth.

The following electiv courses have been given during the last year:

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I. The Short Story: This course, it is believd, will do much toward widening the pupil's knowledge of life under various conditions, as well as extending his knowledge of the rise and development of this popular form of literature. Stories by the following writers were studied in class: Irving, Hawthorne, Poe, Bret Harte, George W. Cable, Thomas Nelson Page, Mary E. Wilkins Freeman, Hamlin Garland, Jack London, Kipling, and Tolstoi.

II. Composition: This course is for those that need more extended training along the lines indicated in the work of the first term of the eleventh grade, or for those that wish to specialize in English.

III. American Literature: Beginning with a review of Irving's Legend of Sleepy Hollow, an attempt is made to show some of the best and most characteristically American works of the foremost American writers. Selections are studied from the novels of Cooper, the short stories of Hawthorne and Poe, the lyric and epic poems of Longfellow, Whittier and Lowell, and the essays of Emerson, each selection always being a literary whole.

#### READING AND ORATORY.

PROFESSOR FRANCES TOBEY.

MARSHALL PANCOAST, Assistant.

Expression is necessary to evolution. A power is developt in the ratio in which it is used. A rounded development of the individual is attained only by calling



Orators in Declamation Contest.



forth his powers in co-ordinated activity. This law is ample justification for the emfasis placed upon the work of the department of Reading and Oratory.

The old-time elocution sought to fix forms of expression upon the growing soul, thus limiting its growth and narrowing its individuality. The new school of expression recognizes that it is never educational to dictate form to spirit; that the spirit, if quickend, and directed, will command its own forms, more beautiful, because truer, than any which artist or teacher might impose upon it.

The department aims, then, to attain a co-ordinate activity of all the powers of the pupil: instant realizing power, which involves keen intellectual activity and imaginativ grasp; redy emotional response, which inevitably follows realizing power; force of character, manifest in habitual self-control and in definitness and strength of purpose; and physical freedom and power, manifest in good presence and bodily and vocal responsivness.

No other course of training in the curriculum aims so directly at the co-ordinated development of the entire being, physical, mental, moral, and spiritual, as the persistent and systematic endevor to lead out into adequate expression all the growing powers of the young mind. The pupil must learn to think quickly, on his feet, before audiences. His imagination must play activly about the thoughts and pictures which he would make vivid to an audience. His emotional nature must be stird before he can move his hearers. Earnest purpose must possess him if he would carry conviction thru his discourse. Since oratory is a social power, concernd with directing the thinking, feeling and willing of an audience, most of the training of the department consists of class work. A spirit of class unity is encouraged; the pupil is alternately the teacher and the interested, sympathetic listener. In his growing desire and persistent endevor to influence minds thru his thought or the thoughts of great authors, he soon forgets any ideal he may have held of performing prettily, to be approved by the listeners. Thus the limitations of self-consciousness and of petty ideals gradually disappear, and spontaneity and purpose begin to mark his expression. This end attained, no limit can be set to his growth, except the limit of his earnestness and of his capacity for work.

This ideal of service thru revelation is held before the students in all classes, in every department. The student is led to appreciate that the only excuse he may have for coming before a class for oral recitation, is to reveal truth to the class. Thus the daily class work of the pupil is conduciv to freedom and purpose.

The pupil becomes practist in the vocal interpretation of a varied range of literature. As a means of quickening his perception of literary values, such training has been found inestimable. In recognition of this fact, a close correlation is sought between the department of Reading and the English department. It is a question whether the fullest appreciation of the beauties of the greatest literature is gaind until one can reveal them thru a luminous oral reding. Much literature makes an appeal thru the ear, and will not yield all its beauty to a silent reding of the printed page.

But, altho the culture value of systematic training in vocal expression is the primary reason for the maintenance of the department, there is a secondary end of no small significance. The practical importance of the speech arts is recognized to-day in the schools and in the pursuits of life. A young woman of free, poised, expansiv presence, who can illuminate great literature thru an intelligent, sympathetic vocal interpretation, is prepared to give much pleasure in whatever sphere she may enter. A young man who can marshal his thoughts and express them with adequate clarity and force, possesses an equipment for which he will have need in any career which he may choose. Young people who have been put in possession of their developt faculties, and who have had the social instinct awakend and quickend within them, are in a position to serv largely and vitally.

The Shakespearean Literary Society, of which every student is a member, presents weekly programs of varied nature, affording thereby ample opportunity for individual effort. While the organization is maintaind and controld by the students, the exercises presented are under the direction of instructors, and constructive criticism follows every program. The exercises of the society are usually an outgrowth of the daily class work of the school. Thus the advantages of the old-fashiond lyceum, with its drill in public address and its parliamentary practis, with its appeal to the social instinct and its scope for the exercise of executiv ability, are supplemented by systematic training and judicious direction. The students enjoy much freedom in planning and carrying out the work of the society, while their plans and work are unified by definit ideals of culture.

Annual oratorical and recitation contests between the classes offer a stimulus to effectiv work. The Senior Class play, presented during commencement week, affords close familiarity with a literary and dramatic product of merit, and careful drill in dramatic response. The class plays from 1904 to 1909 inclusiv were, in order: "The Rivals," "As You Like It," "A Winter's Tale," "Twelfth Night," "Martin Chuzzlewit" and "A Midsummer Night's Dream."

## BRIEF OUTLINE OF HIGH SCHOOL READING COURSES.

#### A. Required Courses.

#### Course I.

Course I covers the colossal period and the melodramatic period in the students evolution in the art of expression. The first period is concernd with the spirit of the selection as a whole. Life, spontaneity, vigor, and directness are especially sought in the study. Force, or stress is the characteristic form of emfasis in this period.

The melodramatic period considers the parts of the whole and involvs study for smoothness, phrasing, clear-cut articulation, and vivid picturing. Inflection, or vital slide, is the chief form of emfasis.

The material for Course I includes nature lyrics, ballads, and vivid narrativ such as is found in "The Evolution of Expression," volumes I and II.

#### Course II.

Course II covers the realistic period and deals with the servis of the parts in a given selection. Bredth, purpose, and radiation are the ends sought; and the form of emfasis most employed is volume.

The material for this course is dramatic narrativ, in verse or prose, and orations, such as those containd in "The Evolution of Expression," volumes II and III.

#### Course III.

Course III, in the suggestiv or creativ period, deals with the relation of the parts. Most of the study is upon the relation of values (shading, proportion, balance), and climax.. The characteristic form of emfasis is time, or the thought-fild pause.

Lyric verse, and argumentativ and philosophical discourse are studied. Careful and interpretativ study of a drama is given, followed by dramatic presentation before the school.

#### B. Electiv Courses.

#### Course VI.

Course VI. Story-telling. Course VI gives a careful study of story structure in its relation to interpretation. Practis is given in informal story-telling, and in reading tales in prose and verse.

#### Course VII.

Course VII is a continuation of course VI and includes the adaptation of a novel for story-telling (as *Silas* 

Marner or A Tale of Two Cities). Original work is required from each student. The novel, as arranged, is presented before the Shakespearean Literary Society.

The ends chiefly sought in these courses are freedom, vigor, life, realization, and constructiv habits of reading.

#### Course IX.

Course IX gives a study of the drama with the analysis and interpretation of a play.

#### Course X.

Course X includes the dramatization and presentation of a novel.

#### Course XI.

Course XI is a study of oratory. Clark and Blanchard's book is largely used for this purpose.

The ends sought in these courses are: varied and vital bodily and vocal response, insight into character, facility and power in impersonation, comprehensiv grasp of the unity of a scene and of a play, bredth, flexibility, and vigor.

#### LATIN.

#### PROFESSOR JAMES HARVEY HAYS.

Latin as taught in the High School is taught for its own sake, for the benefit of a better knowledge of English, a richer insight into words of our own language, a closer touch with a civilization which has wrought itself so effectivly into our own, and a culture born of a close acquaintance with the best thoughts and greatest activities of a people who were at one period masters of the civilized world.

Particular care is given to pronunciation, sentence structure, order of words and phrases in the sentence, as well as the meaning of each case and mood as met in the text which the pupil is reading. Nor is any feature of history or archeology that is calculated to illuminate Roman life neglected.

The class room method has always in view the accomplishment of the greatest results with as little waste as possible. The texts red, after preparation in an introductory book, are the Gallic Wars, selections from Eutropius, Nepos and others, Orations of Cicero and the Æneid of Vergil.

#### GERMAN.

PROFESSOR ABRAM GIDEON, Supervisor.

MARSHALL PANCOAST, Assistant.

The study of a modern foren language in a secondary school has both a cultural and a technical aim. By the cultural aim is ment, from the standpoint of individual growth, the training of the mind which attaches to all properly conducted language study, together with the social growth, the expansion of the mental and emotional horizon which comes from a knowledge of the language and literature of a people other than our own. Under the technical aim is ment the acquisition of such an accomplishment as is a necessary instrument or helpful tool for carrying on the affairs of life.

The results which the pupil is expected to attain by the course in German include the ability to pronounce accurately and with confidence in his ability to do so the sounds of the language; a fair command of colloquial expression; familiarity with the salient facts of the grammar; a knowledge of standard pieces of literature gaind thru systematic study, together with the power to read understandingly without previous preparation easy texts.

#### COURSES OF STUDY.

The scope of the work and the terms employd to designate the courses coincide with the recommendations of the Modern Language Association of America. The Elementary Course extends over two years. In the first year of the course Spanhoofd's "Lehrbuch der deutschen Sprache" is used as a text-book. During the latter part of the second and thruout the third term the work includes sight reading from a book chosen for the purpose. The work of the second year includes reading of texts L'Arrabbiata (Heyse), Höher als die Kirche (v. Hillern), Germelshausen (Gerstäcker), Immensee (Storm), an easy modern German comedy in one act, which is usually presented by the class during the latter part of the third term; continued study of grammar; sight reading; selected poems and folk-songs with music.

The Intermediate Course of one year is a continuation of the preceding course, and includes the study of more difficult works in prose and poetry, both modern and classical. Moreover, an increasing appreciation of the distinctiv qualities of German speech and a growing command of oral expression are ends constantly kept in view.

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# GEOGRAFY.

## PROFESSOR FRANCIS ABBOTT.

Geografy study in the High School is designed to give pupils a vivid impression of the earth as the *home of man*. The two great factors involvd are the physical features and the industry and intelligence of man. Co-operation of these two forces produces products which, in turn, give rise to trade and commerce In tracing causal relations, then, the pupil will sometimes work from physical conditions to man's influence in mastering these conditions, to products obtaind, and to commerce resulting; and sometimes he will work from his immediate interest in a product or its commerce back to the physical conditions which determin the product.

Studied in this way geografy yields splendid returns in valuable practical knowledge, in thought power, in bredth of view, and in realization of the great social relations and interdependence of mankind.

Most of the work has to deal with three main topics: animal products, vegetable products (both food and fiber plants), and mineral products. Each single article under these topics is then studied with reference to its location, physical conditions, method of production, commercial importance, etc.

# PHYSICS.

Three terms are devoted to the study of physics. The work is taken up from the practical side, using actual machinery to illustrate the principles of physics. We endevor to make the study of practical value in the everyday life of the pupil.

# CHEMISTRY.

The course in chemistry runs thru the entire year, special attention being given to those facts which are significant in practical affairs, such as cookery, medicin and the arts.

# ZOOLOGY AND BOTANY.

PROFESSOR ARTHUR EUGENE BEARDSLEY.

In the Zoology course animals are studied with respect to their structure, habits, life history and geografical distribution; their relation to their environment, to man, and to other members of the animal and plant worlds, and to inorganic nature; and their classification as indicated by the relationship existing among them.

The work of the course consists in laboratory and field studies and class recitations; complete reports of the studies upon chosen animals are required from time to time. In





North Side Quadrangle,

this work particular attention is given to the fauna of Colorado, with the purpose of familiarizing the pupil with the animals of his own state.

# BOTANY.

The course in botany extends thru two terms, the first of which is given in the fall, the other in the spring term. In the fall term the plants are studied with reference more especially to their relations to the environment, such as the relation to light, nutrition, reproduction, the relation of flowers and insects, the struggle for existence, protection, plant societies and Botanical Geografy.

In the spring term more emfasis is placed upon the study of the plant as an individual and upon its structural relationships. The common plants of the vicinity are studied in the classroom and in the field, leading to a determination of the name, habits, relationships and mode of life of each.

## BIRD STUDY.

## PROFESSOR L. A. ADAMS.

This course is pland to meet the needs of the High School pupil and will necessarily be of a popular nature. A study of birds is always interesting and one's life is greatly enrichd if he is able to know and appreciate the little featherd friends of the wood and field. We greet

the robin with joy in the spring and feel that we are meeting an old friend. The object of this course will be to make friends of a larger number of our common birds.

The first half term will be spent in becoming familiar with the different groups of birds, with special attention to their habits and ecology. References will be given to popular articles in some of the magazines, such as Outing, Country Life in America, Bird Lore, etc. In the second half of the term, the time will be spent in the laboratory, where the birds will be studied and drawn, and the relation of the external anatomy to the ecology will be worked out. Some outdoor work will be undertaken when the opportunity offers.

# AGRICULTURE.

### PROFESSOR H. W. HOCHBAUM.

In adding the study of agriculture to the High School curriculum the idea was not that of simply adding a subject rising in popularity, in this day of the "simple life," and the "new agriculture," nor was it intended that we should in any way compete with the agricultural colleges of the country. Their equipment is larger and better than an institution such as the State Normal School could hope to have. Moreover, the ideals and purposes of the two classes of institutions are widely different.

The introduction of agriculture as a school study in the high and grade schools, at least those of agricultural regions, is but an expression of the need felt for a more

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Museum of Elementary Agriculture.



Museum of Elementary Agriculture.

sympathetic relation between the school life of the child and his daily life. That may be said to be the kernel of modern education; i. e., to have a living sympathy between the everyday life of the pupil and his school life. As a result of the need felt for this relation we have successfully introduced such subjects as domestic science, nature-study, manual training and other things which teach of the good and common things of the child's environment and daily occupation.

The introduction of the study of agriculture in the high school curriculum needs scarcely to be defended, when we think how important a role the agricultural industries of this state and country play. In spite of the great increase within the last few years in manufactures, agriculture still leads by a large margin in the value of exports. The present agricultural population of Colorado, a state in the richest agricultural country of the world, is large. Yet ten years from now that population will be increased fifty times. The economic status of the state will soon depend upon its agricultural efficiency. That efficiency must be increased and the youth of the land, the farmers of the future, must be educated in better agricultural methods, and to see in agriculture, the oldest and best of man's industries, something besides a mere livelihood.

The course in agriculture runs thru the year. The student should elect it preferably in his last year of school, after having studied some of the natural sciences, as botany or chemistry, in the earlier years of the high school course. An elementary knowledge of chemistry and botany are very helpful, for agriculture has to do with the way in which the plant or animal lives.

There are two immediate purposes of agricultural operations: to raise plants, and to raise animals. Plants are raised either for their own value or for their use in feeding man and animals. In studying agriculture, then, it is well to begin with the plant, proceed to the animal, and then consider questions of practis and management that grow out of these subjects.

The study of the plant may be provided for under two general heads: (1) the plant itself; (2) the environment that influences the plant.

The subject of environment is studied under the following heads:

- (A) Light and air. Influence of seasons, temperature, light, etc.
- (B) Air. Function above ground and in the soil.
- (C) Soil. Functions. Origin. Kinds. Composition. Texture.
- (D) Moisture. Purpose. Importance. Quantity. How modified.
- (E) Applied plant food. Fertilizers. Leading plant foods; how supplied.
- (F) Repressiv agencies. Insects, fungi. Toxic agencies and untoward conditions.

The plant is studied in relation to-

- (A) Composition.
- (B) Structure.
- (C) Physiology.

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(D) Heredity.

(E) Classification.

In the class work actual study is made of the leading crops of the community. Methods of growing the crop are discust, as well as methods of preparing the land; fertilizing; harvesting; marketing; value and profit.

The four main crops of the region—wheat, potatoes, sugar beets and alfalfa—will be thus studied in detail. Crops which might be added with advantage to the list of agricultural products raised in the region will also be studied.

# ANIMALS AND ANIMAL HUSBANDRY.

- (A) Classification of domestic animals.
  - (a) Cattle, sheep, swine, horses, fowls, bees, etc.
  - (b) Origin and history. Purposes and uses. Breeds and varieties.
- (B) Nutrition of domestic animals.
- (C) Foods.
  - (a) Pasturage and bulky foods, forage and fodders, green and dried fodders, concentrated foods.
  - (b) Grains and seeds, etc.
- (D) Rations.

Food requirements of different animals for different purposes.

- (E) Animal products.
  - (a) Meat. Eggs. Milk. Wool, etc.
  - (b) Beef fattening; wool growing; dairy industry, making cheese and butter; poultry raising, for eggs; for meat production.

## FARM MANAGEMENT.

(A) Farm schemes.

(a) Kinds of farming.

(b) Rotations.

(c) The farmsted. Laying out of the farm with reference to arrangement of bildings, fields, water supply.

(B) Farm practis.

- (a) Tillage—purpose and methods.
- (b) Irrigation—purpose and methods.
- (c) Drainage—purpose and methods.

In the study of farm crops and animals, excursions will be made from time to time to study the crops of the region and the various animal industries, represented near by. The agricultural museum, with its large collection of farm and garden seeds will afford valuable laboratory practis in getting acquainted with the various kinds of seeds, as well as study in the value of seed selection. This museum will also have exhibits of the smaller agricultural implements, modern and primitiv.

# ART.

PROFESSOR RICHARD ERNESTI.

The work of the department embraces three branches of art, all of which make for a larger and better life, and also afford a preparation for college or for technical and engineering courses. These are mechanical drawing, pictorial drawing and designing. The aims of the three lines of work are definit and the purpose is a serious one. Students need drawing as they need writing. Drawing should be studied as a *mode of thought*. It develops the power to see straight and to do straight, which is the basis of all industrial skill. Industrial skill, which will largely dominate the future of America, must be acquired by youth in the public schools.

A knowledge of the fundamental principles of the science of representation, skill of hand, culture which comes with an habitual right attitude towards works of art, familiarity with the best products of art, and a knowledge of the principles of design, are among the aims in the different lines of art work.

In the mechanical course all the individual problems scatterd thru the work of the lower grades are gatherd and placed in a proper relation to each other in a scientific study of structural drawing, with its subhedings of geometry, projection and developments. Practical problems arising in the chemical and physical laboratories, in the manual training department, in the home, in short, in the daily life of the pupil, will be met and solved intelligently. A beginners' course in architecture is embraced in this division of the work, which gives the home the prominence which it deservs. The plesure of planning and constructing a home belongs to every one. Floor plans are made, all principles of utility, hygiene, and esthetics are considerd; elevations to these plans follow, and schemes of interior structure, design and color are prepared. The home being the foundation of the nation, the value of this lesson for

life's sake becomes at once apparent, aside from the fact that these studies add to the privileges of entry into the best technical schools and universities of the land. Instruction is also given in the principles of structural design, in the modes of beauty, and in the history of the great craftsmen.

In the free hand course is given a scientific study of pictorial drawing with its subhedings of perspectiv, color, light and shade, together with a solution of those practical problems of representation arising in the school or in the home. Instruction is given in the principles of composition, in beauty, and in the history of the great artists. Examples of the best in art are studied, and collections are made of fotografs of merit, especially those which are typical of seasonal beauty or show commonplace objects glorified by conditions of weather or of setting.

The course in decorativ design deals with practical problems from the department of domestic science, from the school paper and other school work, and from the home and daily life. Instruction is given in modes of beauty, in the historic styles of ornament, and in the history of the great designers. Examples of the best results of decoration should be studied in the art museum and from reproductions and prints. In this connection the school art museum is as important in its way as is a library in the study of literature.

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# MANUAL TRAINING.

PROFESSOR SAMUEL MILO HADDEN.

Doing with the hands has always been an important aid in the development of civilization. Doing with a purpose has as its result all new discoveries and inventions. The great gulf between the savage and the civilized man was spand by the fundamental hand-working tools.

Carlyle gives a grafic and poetic picture of the influence of tools on civilization when he says: "Man is a toolusing animal. He can use tools, can devise tools; with these the granit mountains melt into light dust before him; he kneads iron as if it were soft paste; seas are his smooth highways, wind and fire his unerring steeds. Nowhere do you find him without tools; without tools he is nothing, with tools he is all."

With this knowledge alone of the tremendous influence of tools upon the destiny of the human race every child should have tool practis incorporated into his work in the schools.

### Joinery-Elementary Course.

This course is designd for individuals who have had no previous training in the use of hand wood-working tools.

The course aims to give an acquaintance with the underlying principles of construction and a fair degree of skill in the use of tools, including in general about what is enumerated below:

Talks on saws: use, kinds, setting, filing.

Talks on planes: use, abuse, sharpening, etc.

Talks on the various other fundamental tools: squares, gages, chisels, screwdrivers, braces, bits, etc.

Talks on the construction of various joints.

Application of the above knowledge to the end that simple, artistic, well balanced, useful pieces may be constructed, the product of a thinking, knowing, doing individual.

### Wood Carving-Elementary Course.

This course is conducted by the laboratory method and includes preliminary exercises in the care and use of tools. It is aimd to give a general training in the practical application of the fundamental principles of art in drawing, design, clay modeling and historic ornament, as applied to the special work of wood carving. Courses in art should be taken either before or in connection with this work.

### Cabinet Making.

Talks on woods, grain, quarter sawing, seasoning and drying.

The use of clamps, handscrews, wedges, presses and vises.

Talks on glue, glued joints, doweld joints, tungd and groovd joints, etc.

The fundamental principles of cabinet and furniture construction will receive special attention with a view to applying them in the construction of substantial and artistic pieces of work.

Mechanical and free hand drawing in their application to constructiv design will be included in this course.

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### Wood Turning-Elementary Course.

The following subjects will be discust: power, hangers, shafting, speed, belting, counter shaft;

The lathe, primitiv and modern, care of lathe, oiling, cleaning, speed for various purposes;

Turning tools, chisels, gages, skews, grinding and whetting;

Turning between centers of cylindrical forms, V grooves, concave and convex curves, and their application in various artistic and useful forms;

Chuck turning, face plate turning, surfaces, beads and hollows, wood chucks, etc., and their application in rings, pulleys, etc.

### Printing Course.

The work will be so arranged that every student taking the work will have an opportunity to become acquainted with all the different necessary steps which enter into the production of a printed page.

In general the work will cover the following fundamental processes:

Composition and distribution, dealing with materials, tools and appliances.

Paragraf structure, spacing, capitalization and indentation.

Making up into pages, locking into forms.

Reading and correcting proofs.

Press work, tools and appliances.

Management of inks.

Cleaning of type.

# DOMESTIC SCIENCE.

## PROFESSOR ELEANOR WILKINSON.

The work in cooking and sewing in the high school should be closely related to whatever of science, art or practical work the pupils have had. The kitchen laboratory, which is only another kind of chemical laboratory, should be a place where an interest is awakend in the application of the laws learnd in the chemical and physical laboratories. That this work may be effectiv there must be correlation between this subject and a connected and systematic course in general science. When thus taught in its proper relation to these other branches, cooking stimulates investigation, develops powers of accurate observation and leads to the application of knowledge of natural sciences to practical use in the preparation of foods.

That cooking and sewing are of practical value is no argument against their being made a part of the school curriculum, but that they should be taught as an end in themselvs rather than a means is a mistake. The aim is "not to teach how to make a living, but how to live." These subjects when rightly understood afford ample opportunity for thought as well as manual demonstration, and are, therefore, educational.

The high school course in cookery includes a study of the nature, constituents, and relativ values of foods, the objects of cooking and the effect of the various cooking processes on the different food principles.

The following foods are studied as to their source,



Basket Ball.



Playground.

preparation for the market, chemical composition, physical structure, digestibility, absorption, nutritiv value, economy, etc.

Vegetable Foods—pulses, roots, tubers, green vegetables and fruits; sugars, wheat flour, breads.

Levening agents, such as baking powders, egs, yeasts. Various fermentation processes.

Animal Foods—milk, cheese, egs, meats. Studies in dietaries, preparation of simple menus, table setting and serving. Class room work is illustrated by work in the kitchen.

The work in sewing includes both hand and machine work, cutting and fitting, and the making of such garments as are of greatest interest to girls of high school age. The study of textils and harmony of color combinations are also taken at this time.

# PHYSICAL EDUCATION.

PROFESSOR J. T. LISTER.

### AIMS OF THE DEPARTMENT.

The aims of the department are: to train the student in correct habits of hygienic living; to develop the physical powers and helth of the individual; to qualify students to direct and conduct school gymnastics, games, and athletics; and to train special teachers in Physical Education.

### EQUIPMENT.

The equipment of the department is large and in every way adequate to carry out its work. There is an examining room containing a complete set of anthropometric instruments; there is a gymnasium equipt with apparatus for all kinds of drills and in-door exercises; there is a new outdoor gymnasium equipt with all the modern playground apparatus; there is an excellent athletic field, with a quarter mile running track, grand stand, etc.; besides several tennis and basket ball courts.

All students are required to wear at physical training classes the regular gymnasium uniforms. The uniform for women consists of a blouse and divided skirt, and gymnasium shoes. The uniform for men consists of the ordinary track suit and gymnasium shoes. These suits can be secured in Greeley, but students are advised to bring with them any suits that they may own.

### PHYSICAL EXAMINATIONS.

All students who enroll for Physical Education are required to take the physical examination. The examination is made by the director of the department assisted by those Senior students who are making a specialty of Physical Education.

#### CLASSES.

### Girls.

The class work for girls consists of instruction in correct walking, marching tactics, calisthenics, dum bell, wand, and club exercises, fancy steps, folk dances, gymnastic and athletic games. Boys.

The boys are not only traind in gymnastics, but also in athletic sports.

### MILITARY DRILL.

All high school boys are eligible to the Cadet Company. The school is supplied by the State with fifty Winchester repeating rifles. The manual of arms and marching tactics are taught.

### OUTDOOR SPORTS.

Tennis tournaments, basketball games, cross country running, football, baseball, and track and field athletics are encouraged and are under strict faculty supervision. The school is a member of the Northern Colorado Interscholastic Athletic League. Several annual meets have been held on the Normal School athletic field, and the Normal High School has always taken its share of the prizes.

## MUSIC.

### PROFESSOR J. C. KENDEL.

The work of the first year in vocal music includes sight singing, notation, ear training, tone production, theory of music, part singing, and a study of the lives and works of leading musicians. From the very start students are made familiar with the work of the best composers, great care being taken to develop correct musical taste, as well as to secure effectiv musical performance.

The work of the second year is an extension of that of

the first year with the addition of training in elementary harmony. The history of music is also studied in this year with illustrations of various musical forms in their order.

In the third year course the work of the previous years is continued with an advanced grade of music. Especial attention is now given to interpretation of music and to the reading of works which are conduciv to a better understanding of the language of music.

A girls' chorus is maintained through the year, composed of about fifty voices. This chorus presents musical numbers frequently at the various school exercises. Special attention is always paid to tone quality and intelligent interpretation.

A chorus of mixt voices follows much the same line of work as above, but with music selected for both male and female voices.

The boys' Glee Club and the Male Quartet follow the line of work usual to such organizations. Membership in these is secured by the request of the musical director and is conditiond upon ability to read music redily and faithfulness in attendance upon rehearsals.

An orchestra of twenty pieces is maintaind, composed of students from all departments of the school. This organization is designd primarily for the serious study of classical music. Incidentally it adds much to the interest of school life by contributing a good class of music to various school programs. This orchestra meets twice a week. Membership is secured upon invitation from the director. A smaller orchestra, composed entirely of high school stu-

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High School Basket Ball Team.



High School Orchestra.



High School Glee Club.



dents, furnishes music at morning exercises and other occasions.

A regular class for instruction in ensemble stringd instrument playing is contemplated, and will be formd if a sufficient demand to warrant it appears.

# LIBRARY WORK.

PROFESSOR ALBERT CARTER.

This work is intended for those who wish to get a better understanding of library methods than is offerd in the general instruction given to all students, as an aid to the teacher in the selection and care of books and materials for their school libraries, and to enable the student to make more intelligent use of the library. No complete course is given.

The work will include selection of books for purchase, mechanical preparation of books for actual use, the making of library records, cataloging and classification according to subjects, arrangement of books on the shelvs, with labeling devices and numbers for the redy finding of books. There will also be practical work in the charging out of books, checking in, etc., with practis in the use of reference books and indexes as an aid to the general reader. It is expected that by actual participation in library work, students will gain a practical knowledge of library methods, and of the means of acquiring and rendering available all possible information, as well as a love and respect for books.

### LIBRARY AND READING ROOM.

One aim and purpose of the Normal School is to make the library a general laboratory or scholar's workshop, and results show that it has not been unsuccessful. Students are referd to the library with references more or less specific, according to their advancement and individual needs, to the leading authorities and sources of information. Here is supplied material for study supplemental to the ordinary text-book outline.

No restrictions, save such as are necessary to place all users of the library upon an equal footing, have been thrown around the use of the books. A book is purchast and put in the library to be red. Its worth is in its use. The shelves are open to all thruout the day, and most books, except those strictly for reference, bound volumes of magazines, and a few books used in special classes, or held on account of their special value or rarity, may be taken out of the library, if properly recorded at the desk, for periods varying with the character and the special purpose of the book. The value of a library depends not alone upon the number of its volumes, but upon their character, and the ease with which they can be used.

Many rare and valuable books are found in the library, such as Audubon's Birds of America, Buffon's Natural. History, Nuttall and Michaux' North American Sylvia, Sargent's Sylvia of North America, and the works of Cuvier, Kirby and Spence, Jardine, Brehm, and others.

Among the reference books are the following: Encyclopedias—the Britannica, the American, the Americana, the



Study by Excursion.



Nature Study.

International, the New International, Johnson's, the Iconographic, the People's, the Universal, the Young People's, etc. Dictionaries—The Century, The Encyclopedic, The Standard, The Oxford, Webster's, Worcester's, etc.; dictionaries of particular subjects, as Architecture, Education, Horticulture, Painting, Philosophy, Psychology, etc.; Lippincott's Gazetteers; Larned's History of Ready Reference; Harper's Cyclopedia of United States History, etc.

The library subscribes regularly for about 250 of the best magazines and educational journals. It also receives thru the courtesy of the publisher, most of the county papers of the state and many of the religious papers of the country. As volumes of the leading magazines are completed, they are bound and placed on the shelves as reference books. At present the library has about 4,000 volumes of bound magazines. To facilitate the use of these, Pool's Index, Reader's Guide, and many other good indexes are provided. Valuable matter upon almost any subject is found in these volumes, and students will do well to consult them freely.

A finding list is posted upon the stacks, giving section and shelf, thus: Century 49-5 indicates that the Century Magazine can be found in section 49, on shelf 5.

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# COURSE OF STUDY.

36 weeks in one year's work.

25 recitations per week required.

One subject five hours per week for one term makes one credit.

15 credits make one year's work.

45 credits required for graduation.

Not more than 17 credits may be earnd by any student in one year.

Due credit will be given for work done in other schools if satisfactory evidence of the same is presented.

### NINTH GRADE.

FALL TERM.	WINTER TERM.	SPRING TERM.
English R	Reading $\ldots$ R	English $\dots 5$ R
Algebra R	Algebra R	Algebra5 R
Ancient History	Ancient History	Medieval History.
Latin	Latin	Latin
German	German	German
Zoology	Zoology	Zoology
Mechanical Draw-	Pictorial Drawing.	Designing
ing	Music	Music
Music	Elementary Join-	Advanced Joinery
Elementary Join-	ery	Physical Training
ery	Physical Training	
Physical Training		

## GREELEY, COLORADO.

### TENTH GRADE.

FALL TERM.	WINTER TERM.	SPRING TERM.
Reading R	English R	English $\ldots$ R
Algebra	Algebra	Arithmetic
Civics	Civics	Civics
English History	English History	Modern History
	Taxidermy	
	Physiology	
History of Com-	Geografy of Com-	Physical Geografy
merce	merce	Latin
Latin	Latin	German
German	German	Textils and house-
Sewing	Sewing	hold art.
	Advanced Joinery	Advanced Joinery
Wood Turning	Music	Music
Music	Mechanical Draw-	Decorativ Design.
Pictorial Drawing	ing	

## ELEVENTH GRADE.

FALL TERM.	WINTER TERM.	SPRING TERM.
English R	English R	Reading
Industrial History	Industrial History	Economics
R	R	Geometry
Geometry	Geometry	Latin
Latin	Latin	German
German	German	Food Composition
	Cooking and Die-	
Physics	tetics.	Physics
Agriculture	Physics	Agriculture

FALL TERM.	WINTER TERM.	SPRING TERM.
Wood Carving	Agriculture	Parketry
Printing	Inlaying	Printing
Music	Printing	Music
Pictorial Drawing	Music	Decorativ Design-
Library Work	Mechanical Draw-	$\operatorname{ing}$
Physical Training	ing	Library Work
	Library Work	Physical Training
	Physical Training	

### TWELFTH GRADE.

FALL TERM.	WINTER TERM.	SPRING TERM.
English $\dots$ R	English R	Reading
Political Economy	Political Economy	Political Economy
History Modern	History Modern	History Modern
Europe	Europe	Europe
Chemistry	Chemistry	Chemistry
Latin	Latin	Latin
German	German	German
Trigonometry	Trigonometry	Trigonometry
Bacteriology	Bacteriology	Bacteriology
Music	Music	Music
Art	Art	Art
Manual Training.	Manual Training.	Manual Training.
Physical Training	Physical Training	Physical Training

The regular course of the high school is three years in length, and students who finish this course satisfactorily receive the diploma of the school. A fourth year of work is offerd in the twelfth grade for those students who wish
to prepare for college or who, for any reason, wish to extend their course. For this year's work is given a special certificate showing the fulfillment of college requirements.

The arrangement of the program is such as to facilitate and to encourage the grouping of related subjects by the students when choosing their electivs. In this way a student may pursue some special line of work thruout his course, while taking the required work and some promiscuous electivs. Some of the suggested groups are as follows:

AGRICULTURAL	MANUAL TRAINING INDUSTRIAL
GROUP.	GROUP. GROUP.
Zoology3	Mechanical Draw- History of Com-
Botany2	ing $\dots \dots 1$ merce $\dots \dots 1$
Biology1	Pictorial Drawing Geografy of
Agriculture2	$\dots \dots $
Soil Bacteriology	Designing1 Physical Geogra-
	Elementary Join- fy1
Chemistry3	ery1 Business Arith-
	Advanced Joinery metic1
	2 Industrial History
	Wood Turning1
	Wood Carving1 Economics1
	Inlaying1
	Iron Work1
	Printing $\dots 3$

DOMESTIC SCIENCE GROUP.

Mechanical Draw- Designing .....1 Chemistry .....3 ing ......1 Household Art..1 Physiology ....1
Pictorial Drawing Sewing ......2 Bacteriology ...1 ......1 Cooking ......3

Mote.—Figures indicate number of terms the subject is given each year.

Similarly groups can be formd in History, Mathematics, Language, Physical Science, and the like, by consultation with the principal of the High School and the superintendent of the training school.

Students who finish satisfactorily the three years' course in the High School enter the Junior year of the State Normal School.

GIFTS TO THE HIGH SCHOOL.

Gifts of large framed pictures have been made to the High School as follows:

The Vatican (etching), George D. Horne.

Ducal Palace, Venice (fotograf), Class of 1903.

Dance of the Nymphs-Corot-(fotogravure), Class of 1904.

Spring-Ruysdael-(fotogravure), Class of 1905.

Sir Galahad-Watt-(fotogravure), Class of 1906.

Shakespeare—(plaster cast), Class of 1907.

Cascade—Ruysdael (brown print); Song of the Lark —Breton (color print); Shepherd's Star—Breton—(color print), Class of 1908.

#### GREELEY, COLORADO.

#### ALUMNI ASSOCIATION.

A Normal High School Alumni Association is maintaind which holds annual reunions and banquets. The present officers are: Elizabeth Miner, president; Olive Delling, Vice-President; Hallie Gammon, Secretary.



# **REGISTERD STUDENTS.**

CLASS OF 1911.

Adams, Roy Anderson, Fritz Anderson, Nellie Billings, Gordon Bickling, Francena Bishop, Ida Boreson, Grace Bowles, Dotta Briscoe, Edwin Carle. Marv Center, Fred Champion, Ernest Davis, Charles Davidson, Lulu DuBois, Karl Durning, James Easton, Edison Eberhardt, Frances Erwin, Eva Edwards, T. M. Evans, Mozelle Fagan, Edward Forquer, Ellen Gates. Frank Gilmore, Claude Gilmore, Daisy Gore, Floy Gordon, Carl Harris, Earl Holmes, Agnes

Hunter, Eugene Jenkins, Charles Laughrey, Beulah Lloyd, Mamie Malm, Esther Martin, Rebecca Martin. Olive Miller, Ernest Mosier, Ruth Nicholas, Clifford Nicholas, Ora Offerlee, Molly Parsons, Maude Pattee, Isabelle Peterson, Grace Ringle, Helen Robinson, Inez Shultz, Jaunita Spencer, Clarke Statler, Stewart Stewart, Hazel Svedman, Lillie Swanson, Mae Teghtmeyer, Velma Tell. Svlvia Waite, Rosa Weiss, Rosa Wickline, Walden Williams, Charles

CLASS OF 1910.

Alden, Lee Baab, Bertha Bashor, Esta Bashor, Mary Bedford, Everett

Bly, Hazel Boreson, Emma Boreson, Martha Boston, Roy Bowerman, Austin -59

Bowland, Edward Campbell, Ruth Collins, Mary Colpitts, Guy Crone, Harry Cross, John Davidson, Chief Delling, Minnie Dotson, Edna Dotson. Ruth Durning, Charles Eberhardt, Pearl Emerson, Inez Hartung, Emil Hopkins, Helen Horton, Mary Hunter, Hugh Hull. Orlo Jillson, Helen Kelley, Myra Konkel, James Kyle, Norma Lay, Edith Lee, Arthur Lewis, Ralph Lloyd, Nathaniel Lyon, Evelyn

Malm. Carl McKelvey, Lillian Nessler, Estelle Phelps, Mattie Riddle, Ray Robb, Grace Samson. Ida Sanford, Hazel Smith. Belva Snider, Jesse Stewart, Edna Svedman, Ellen Tague, Harold Todd, Maude Tope, Mary Tope, June Truelson, Katie Waite, Earl Watson, Gertrude Williams, Fern Wright, Zada Wyatt, Hilda Wyatt, Mabel Yerion, Grace Zilar, John

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#### CLASS OF 1909.

Anthony, Hazel Ashby, Hope Backus, Lillian Baker, Charles Beardsley, Inez Beattie, Robert Bennett, Nellie Bischoff, Nellie Blaisdell, Oscar Blazer, Esta Brake, Jane Campbell, Ruth Carrithers, Glessner Carpenter, Edith Culver, Betsey Dickey, Harley Doke, Harold

Emerson, Mae Erickson, Arthur Finch, Callie Finch, Clarence Glover, Nellie Hamilton, Elsie Hatch, Frank Hayden, Mary Heighton, Charles Hennes, Elizabeth Hopkins, Mildred Horton, Mary Hunter, Sarah Keefe, Blanche Kennedy, Lyra Konkel, Mary Lamb, Florence

58

Laughrey, Berenice Lewis, Carrie Ling. Bessie Lockhart, Mae Mayhoffer, Frances Moore, Elizabeth Morris, Ruth Motheral, Clare Mott, Irene Mundy, James Musgrove, Mary Mulvenhill, Rita McCoy, Adelaide McGrath, Margaret McGrath, Mary McCullom, Merriam McCunniff, John McCunniff, Dennis New, Nellie Nordstron, Sylvia Noyes, Mary Oliver, Bertha Oliver, Elsie Oliver, Ruth Peery, Blanche

Piedalue, Regina Phillips, Zelma Pritchard, Henrietta Probert, Bessie Reeves, Frank Ritchey, Helen Shambo, Mabel Snodgrass, Geneva Steck, Susie Swanson, Lois Sweet, Gladys Sullivan, Vera Tibbets, Elsie Thompson, Aline Thornton, Theresa Townsend, Alice Truelson, Norma Tucker, Mary Turner, Elmer Varvel, Emmett Wilcox, Eula Willson, Anna Wilmarth, Alta Woods, Della Wood, Mary

Grand	Total.		•••			•		•		• •								•		•	• •			,	•	•	• •	•	•	•	. 20	)6	
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# GRADUATES.

#### CLASS OF 1902.

Beardsley, MyrtleDenver
Buckley, EmmaGreeley
Cheese, IdaPlatteville
Day, WilliamGreeley
Day, GraceGreeley
Dolan, MargaretLeadville
Douglass, Russie
Ellis, RuthLa Salle
Niemeyer, BlancheEvans
Patterson, BessieGreeley
Remington, KatieGreeley
Snyder, TyndallGreeley
—12

#### CLASS OF 1903.

Adams, Roxana MGreeley
Alexander, Raymond PMosca
Buchanan, Louisa DBrush
Cummings, Josephine SGreeley
Ellis, Ralph WLa Salle
Hall, Ivan CliffordLa Grange
Kendel, J. ClarkGreeley
McDonald, Anna ELeadville
McFarland, RachelSalida
Proctor, Emily LLoveland
Robb, Pearl GGreeley
Rutt, Raymond J
Sibley, Blanche TDenver
Snook, Harry JGreeley

#### CLASS OF 1904.

Abbott, Vivian	Greeley
Alps, Rosaline L	Loveland
Bodfish, Gertrude	Victor
Brake, Mona	Greeley
Camp, Leo	
Cheese, Cora	Platteville

## GREELEY, COLORADO.

Cozzens, Mabel M	Lucerne
Dean, Edna	Greeley
Doherty, Anita M	Chevenne, Wvo.
Doke, Carrie	Greelev
Doke, Carrie Draper, Everette F	Greelev
Ellis, Edith E	La Salle
Finch, Myrtle	Greelev
Finch, Myrtle	Hugo
Foote, Amy R	Vuma
Gardner, Ada E	Croolov
Hall, Mabel G	Control City
Hiatt, Grace	Diattorillo
Hoffman, Ethel A	Platteville
Hoffman, Pearl E	Platteville
Kellogg, Pearl A	Greeley
Laughrey, Maude L	Greeley
Madgett, Alma M	Platteville
Mincey, F. Myrtle	Eaton
Moore, Robert M	La_Salle
Morrison, Marguerite	Evans
Murphy, Catherine	Rouse
McMillan, Ella M	La Salle
Norris. Louella	Greeley
Pike. Jennie	Morrison
Reid. Boyd	Greeley
Rhodes. Edith P	Ashton
Sanford, Olive M	Greeley
Schroeder, Helen M	Greeley
Schull, Beulah B	Bellevue
Sibley, Winifred	Denver
Ward, Olive	Greeley
Wylie, Eva	Evans
	37

#### CLASS OF 1905.

Baird, Olive	La Salle
Bane, Naomi	Frances, Colo.
Barry Lois	Greeley
Beattie, Elizabeth	La Salle
Bly, Winifred	Greeley
Cook, Alfaretta	La Junta
Dean, Iva	Greeley
Dean, Sherman	Greeley
Doke, Bettie	Greeley
Duenweg, Rose	Platteville
Edgington, Blanche	Greeley
Gill, Emma	Lindon

Greeley
La Salle
Evans
Lamar
Central City
Monte Vista
.Cripple Creek
Fort Lupton
Loveland
Greeley
Fort Collins
Rico
Georgetown
Eads
Greeley
Salida
Denver
Sterling
Chromo
Rico
Greeley
Greeley
Greeley
-36

## CLASS OF 1906.

Albee, IdaBerthoud
Archibald, AllieEvans
Baird, MyrtleLa Salle
Baker, GeorgiaGreeley
Barry, SusieEvans
Barmettler, AliceGeorgetown
Brainard, FayGreeley
Brainard, IonaGreeley
Brown, CharlotteGlenwood Springs
Crawford, AdaGreeley
Dale, EthelEdgewater
Delling, OliveGreeley
Duenweg, AnnaPlatteville
Finley, EthelWindsor
Gammon, HallieGreeley
Grable, LauraDenver
Hughes, MarthaSilverton
Hurley, WilliamGreeley
Johnson, EdnaGreeley

# GREELEY, COLORADO.

Johnson, MildredGreeley
Johnston, Harry Evans
Kibby, BerthaBerthoud
Kyle, HomerEvans
Latson, IrmaRocky Ford
Miner, ElizabethCrested Butte
Montague, PearlDenver
Moore, CharlesEvans
McLernon, IreneSidney, Neb.
O'Boyle, AliceDenver
Patterson, MaeGreeley
Peterson, Josie
Ramsdell, FredGreeley
Rawls, BereniceCreston, Iowa
Sopp, HelenGeorgetown
Stephens, JosephAkron
Wells, RoseBeaver
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#### CLASS OF 1907.

Alan, Edwina	Denver
Baird, Alice	La Salle
Beardsley, Edith	Greelev
Camp, Myrtle	Greelev
Craig, Maud	Greelev
Crawford, Charles	Greelev
Dannels, Clara	
Dean, Rose	
Delling, Evelyn	New Windsor
Devinny, Marie	Edgewater
Dick, Jean	Walsenburg
Durning, Bertha	Greeley
Erskine, Cora	Rouse
Finch, Lester	Greeley
Gammon, Minnie	Loveland
Hall, Beulah	Cheyenne Wells
Hall, Frank	Cheyenne Wells
Hall, Irene	Cheyenne Wells
Hibner, Dee	Greeley
Johnson, John	Greelev
Jones, Lynn	Buffalo Creek
Kelley, Lilian	Cripple Creek
Kindred, Avis	Greelev
Kyle, Henry	Evans
Lamma, Clara	La Salle
La Moy, Madalene	

Lockhart, JamesLa Salle
Long, MargaretLafayette
Lucas, CoraGreeley
Mackey, GertrudeGreeley
Mead, WilhelminaGreeley
Morris, ClaraGreeley
McAfee, MontgomeryGreeley
McCreery, MildredGreeley
Patterson, Alice MGreeley
Pearson, HazelLafayette
Piedalue, LauraGreeley
Roberts, MabelCripple Creek
Reid, JanetGreeley
Roland, GarnetSterling
Royer, RussellGreeley
Reilly, KathrynGeorgetown
Tracy, LillianDenver
Van Gorder, ElizabethGreeley
Wright, LoraGreeley
Young, George Evans
Yerion, CenaGreeley
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CLASS OF 1908.

Alexander, Edith Bedford, Merton Barrowman, Sadie Bernethy, Ruth Bolton, Gertrude Blair, Bessie Blumer, Henrietta Bradfield, Louis Calvin, Nona Carpenter, James Carv. Leta Chestnut. Asa Clock, Louva Cooper, Agnes Delling, Mabelle Fedde, Agnes Gate, Bernard Garrigus, Grace Goodwin, Elizabeth Gore, Stella Graham, Olivia Green, Minnie Hunter, Calla

Hutchinson, Morris Johnson, Helen Kermode, Dorothy Konkel, Anna Kyle, Clover Miller, Alta McClintock, Alice McCreery, Grace McKibben, Edith Paine, Velma Pence, Pansy Peterson, Jennie Richardson, Clyde Rodgers, Grace Rowe, Cora Sherman, Jessie Snoddy, Martha Smith, Josephine Straight, Allen Stevens, Hazel Werkheiser, Ola Wilmarth, Maud Zilar, Bessie

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#### CLASS OF 1909.

Anthony, Hazel Backus, Lilian Baker, Charles Beattie, Robert J. Beardsley, Maybelle Bennett, Nellie L. Bischoff, Nellie Blaisdell, Oscar Blazer, Esta Brake, Jane Carpenter, Edith Carrithers, Glessner Culver, Betsy Dickey, Harley Emerson, Mae Erickson, Arthur Finch, Clarence Finch. Callie Hamilton, Elsie B. Heighton, Charles Hennes, Elizabeth Hopkins, Mildred Horton, Mary Hunter, Sarah Keefe, Blanche Kennedy, Lyrra Konkel, James Konkel, Mary Laughrey, Berenice Lewis, Carrie Lockhart, Mae

Mayhoffer, Frances Morris, Ruth Mott. Irene Mundy, James H. Musgrove, Mary Mulvehill. Rita McCoy, Adelaide McCullom, Merriam McGrath, Mary McGrath, Margaret New, Nellie B. Nordstrom, Sylvia Phillips, Zelma Pritchard, Henrietta Ritchey, Helen Shambo, Mabel Snodgrass, Geneva Steck, Susie Sullivan, Vera Swanson, Lois H. Thompson, Aline Tibbets, Elsie Townsend, Alice Truelsen, Norma Tucker, Mary Turner, Elmer Varvel, Emmett Willson, Anna Wilmarth, Alta Wood. Mary A.

Total number of graduates.....

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