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A Catalogue of the State Normal School at Moorhead, Minnesota. Eighteenth Year. 1906-1907. (1906)

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A Catalogue of the State Normal School Moorhead, Minnesota



MAIN BUILDINGS



STUDENTS' ROOM IN WHEELER HALL



PRECEPTRESS' ROOM IN WHEELER HALL



CHEMICAL LABORATORY



BIOLOGICAL LABORATORY



STAGE IN THE AUDITORIUM

A Catalogue

of the

State Normal School

at

Moorhead, Minnesota

Eighteenth Year 1906-1907

The State Normal Board

Hon. J. Wil. Glsen, Superintendent of Public Instruction

H	on. H. L. BUCK	Winona
H	on. JOHN C. WISE	Mankato
H	on, ALVAH EASTMAN	St. Cloud
Н	Ion. S. G. COMSTOCK	Moorhead
Н	Ion. J. L. WASHBURN	Duluth
H	on. ELL TORRANCE	Minneapolis
Н	Ion. W. S. HAMMOND	St. James
H	Ion. H. E. HOARD	Montevideo
Officers of the Board		
Н	Ion. ALVAH EASTMAN	The President
Н	Ion, I. W. OLSEN	The Secretary

Calendar for 1906-1907

Commencement Week

1906

1906		
Annual sermon		
Summer School		
Entrance examinations		
Fall Term		
Entrance examinations		
Winter Term		
Class work beginsTuesday morning, December 4 Holiday recess beginsFriday evening, December 21		
1907		
VacationFriday evening, Dec. 21, to Wednesday morning, Jan. 2 Class work resumedWednesday morning, January 2 Winter term endsFriday evening, March 8		
Spring Term		
Class work begins		

The Faculty

FRANK A. WELD, President School Economy Sociology

ELIZABETH L. SMITH, Preceptress History

CASWELL A. BALLARD Biological Sciences

HAROLD M. Stanford Physical Sciences

THOMAS A. HILLYER
History of Education
Superintendent of Training Department

EDWIN T. REED, Librarian English

ELIZABETH DONALDSON
The Latin Language

HELEN A. Dow Mathematics

Louise W. Mears Geography English Grammar

Abbie L. Simmons, Ass't Librarian History

The Faculty—continued

GEORGE G. GREENE
Manual Training

EDWARD G. QUIGLEY
Psychology
History

IDA H. BENEDICT Drawing

HARRIET RUMBALL Reading

ELSIE M. DAYTON
Physical Culture

INEZ F. DAMON Music

CLARA A. NELSON
Assistant in Mathematics
Pennmanship

Belle M. Deans
Principal, Grammar Dept.

Belle Dredge
Principal, Intermediate
Dept.

ADELAIDE S. KIBBEY
Principal, Primary Dept.

E. ALICE KIRK Registrar

Requirements for Admission

Subjects required for admission to the academic-professional courses of study are: Arithmetic, English Grammar, United States History, and Geography. Candidates will be expected to show ability to read at sight, intelligently and fluently, ordinary, easy prose and simple poetry, and sufficient training in English composition to enable them to write a simple essay, or letter, correctly, and in proper form.

Candidates for admission, who hold teacher's state second grade certificates, or certificates secured in a high school, will be registered without examination.

Candidates for admission to the Graduate courses will be required to present evidence that they have taken a full course of study of four years in a reputable high school. In addition to such evidence, high school standings will be required in the following subjects: Civics, one-half year; United States History, one-half year; Physics, one year, or Chemistry, one-half year; Botany, one-half year, or Zoology, one-half year. Students who come to the normal school without complete records in the foregoing subjects, may enter conditionally, and they will be given opportunity to make up the conditions.

Candidates for graduation, who have completed a three years' course of study in a high school, are required to spend four terms in the Elementary Graduate course of study, or take the advanced graduate course.

A minimum of one year's resident study is required of graduates of colleges and universities for graduation.

High school graduates, who have taken in post-graduate classes at least a half-year's work in normal subjects, as offered in state high schools, will receive credit for subjects in which they may have done a full semester's work, provided (1) that these credits shall apply only on the two-years' graduate course, and (2) that the President reserves the right to test the quality of the work for which credit is asked.

First grade state certificates, valid at the time of presentation, will entitle their holder to twelve credits on either the three-years' course or the five-years' course; provided (1) that the subjects to be credited shall be designated by the President in conference with the student, and (2) that the average of each certificate must not be less than 85 per cent, and (3) that subjects in which the standings are less than 75 per cent, will not be credited, the number of credits being reduced in proportion to the number of standings lower than this minimum.

Graduates of the Advanced courses of study, who desire to continue their work at a college, or university, will be given a year's credit by the state university, and the colleges of Minnesota.

Normal School Diplomas as State Certificates

The legislature of 1891 passed an act which gave to diplomas of the state normal schools validity as certificates of qualification to teach in any of the common schools of the state, under the following provisions, viz.:

1. A diploma of one of the state normal schools is made a temporary state certificate of the first grade for the two years of actual

teaching service required by the student's pledge.

2. After two years of service the diploma may be countersigned by the President of the school from which it was issued, and by the State Superintendent of Public Instruction, upon satisfactory evidence that such service has been successful and satisfactory to the supervising school authorities under whom it was rendered. Such indorsement will make the diploma of the Elementary courses a state certificate for five years, and the diploma of the Advanced courses a life certificate. The Elementary diploma is subject to reindorsement at the end of five years.

Conditions of Indorsement

- 1. While it is hoped that all graduates will earn the right to have their diplomas indorsed, great care will be taken in this matter, and the diplomas will not be extended in any case in which the holder fails to render acceptable service during the test period, or in any way fails to show himself worthy of the marked professional honor so bestowed.
- 2. After the completion of two years' service, application for indorsement may be made to the respective normal schools.

Sessions of School

There are two sessions a day. The morning session begins at 8:10 o'clock, and closes at 11:50. The afternoon session begins at 1:30, and closes at 3:15. The elementary school has two sessions. The morning session begins at 9 o'clock, and closes at 12. The afternoon session begins at 1, and closes at 3.

Attendance at Church

Each student is expected to attend regularly the church of his choice, or that which meets the approval of his parents. The pastors and members of the different churches have expressed their willingness, and their desire, to make the students of the school at home in the churches and Sunday schools. The teachers of the normal school will in every way possible encourage the pupils to form and sustain intimate relations with the churches.

The Athletic Association

The provisions of the constitution of the Athletic Association connected with this school are sufficiently restrictive, and yet they are liberal enough to insure earnest and enthusiastic support. The President, Vice-President, Secretary, and Treasurer of the Association, two other students, two members of the faculty, and one member of the Alumni Association, constitute the athletic board of control.

The Red Letter

The Red Letter is a monthly magazine of sixteen pages, published by the school. It is devoted to the interests of the normal school in particular, and in general, to the educational interests of the Northwest. Sample copies will be sent to any address upon request.

Literary Societies

Two large and prosperous literary societies are maintained by the students, and they enjoy the support and encouragement of the faculty. The work is healthful, invigorating, and profitable. The societies have become an important element in the life of the school.

Living Expenses

Wheeler Hall, situated on the school campus not far from the Normal School Building, is an attractive home for young women. Here the young women of the school are surrounded by a stimulating and Christian influence. The purpose of the administration of the Hall is to make it, not a boarding house, but a Christian home, where every effort may be put forth to maintain the amenities of life, which prevail in homes of influence, refinement and good cheer. The building is arranged to accommodate one hundred students, and it is modern throughout, having a complete equipment of bath rooms, toilet rooms, steam heat, electric light and laundry rooms. All the rooms are well arranged and well lighted. Each sleeping apartment contains two closets, and all the necessary furnishings, and is arranged to accommodate two students. Preference in choice of rooms is given in order of application. Rooms engaged by students will not be reserved after class work for the term begins, unless special arrangements are made with that end in view. The health and comfort of the students are the first considerations, and all matters relating to food, hygiene, and sanitation are carefully observed. Living expenses, including board, room, heat, light, and use of laundry and bath-rooms are in the main \$3.00 a week. A rate of \$3.00 a week is exceedingly low, when one considers the completeness of the service offered. The table board is excellent, and the building is finely equipped. Single meals,

and meals to guests are 25 cents each. Bills are payable one month in advance. No discount is made for absences under one week, except in the case of the regular vacations, as indicated in the calendar. Discounts will be made for such vacations. Students are required to take care of their own rooms. Mail is taken to the post-office, and delivered at the Hall twice a day.

Board in Private Families.—Board can be obtained in private families for from \$2.50 to \$4.00 a week. Rooms can be rented, where students can do their own cooking, if they wish to reduce expenses. The President of the school will arrange for board, or for the renting of rooms, for any who desire to make such arrangements in advance. Pupils will be required, in all cases, to consult with the President of the school in the choice of a boarding place.

Disitors

A cordial invitation is extended to all persons who may be interested in school work to visit this school, and especially those who are engaged in educational work are invited. Trained teachers are in demand, and this school will always welcome inquiries for such teachers. It is the purpose of the administration of the school to be as helpful as possible to public school officials, and with that end in view, it will strive to place its graduates, so that they may serve the state with credit to themselves and to the educational interests involved.

Correspondence

Persons desiring other information, concerning the normal school at Moorhead, than that contained in this catalogue, are requested to address the President.

Courses of Study

The following courses of study are offered: 1. A course of one year for high school graduates, leading to the elementary diploma. 2. A course of two years for high school graduates, leading to the advanced diploma. 3. An Elementary course of three years, leading to the elementary diploma. 4. A Latin course of five years, leading to the advanced diploma. 5. An English course of five years, leading to the advanced diploma.

Elementary Graduate Course

For High School Graduates

Fall Term.

Element'y Psychology. Element'y Psychology. Methods in Grammar. General Method. Methods in Reading.

Winter Term.

Methods in Geography. Teaching. Methods in Drawing. Meths, in Vocal Music.

Spring Term.

Elementary Science. Meths, in Arithmetic. Teaching. School Economy.

Advanced Graduate Course

For High School Graduates

First Dear

Fall Term.

Element'y Psychology. Methods in Grammar. Theme Writing. Methods in Reading.

Winter Term.

Element'y Psychology. Primary Methods. History of Education. Methods in Drawing.

Spring Term.

General Method. Meths. in Arithmetic. Methods in History. Manual Training.

Second Pear

Social Science. Advanced Psychology. Teaching.

Methods in Music. Child Study. Teaching. Methods in Geography. Elementary Science. Philos'y of Education. Lit. Interpretation. School Economy.

Elementary Course

First Dear

Fall Term.

Algebra or Arithmetic. English Composition. Reading. Geography.

Algebra or Arithmetic. American History. Zoology. Physiology.

Winter Term

Algebra or Arithmetic. English Composition. English Grammar. Music.

Second Dear

Algebra or Arithmetic. American History. Zoology or Botany. Plane Geometry.

Spring Term.

Algebra or Drawing. English History. English Grammar. Geography.

Algebra or Drawing. Rhetoric. Botany. Plane Geometry.

Third Pear

Fall Term. Physics. General Method. Drawing. Music. Winter Term.
Physics.
Reading.
Civics.
American Literature.

Spring Term.
Physics or Chemistry,
or Profes'nal Work.
Teaching.
Practical Psychology.
American Literature.
School Economy.

Latin Course First Vear

Fall Term.

Algebra.
Latin Lessons.
English Composition.
Geography.

Winter Term.

Algebra. Latin Lessons. Drawing. Reading. Spring Term.

Algebra. Latin Lessons. English History. Geography.

Second Dear

Reading.
Cæsar.
American History.
Zoology.
Drawing (if Botany
is to be selected in
Winter Term).

Plane Geometry. Cæsar. American History. Zoology or Botany. Plane Geometry.
Cæsar.
Music.
Botany.
Drawing (if it was not taken in the Fall Term).

Third Dear

Physics
Cicero.
Arithmetic.
General History.

Physics.
Cicero.
Arithmetic.
General History.

Physics. Cicero. Rhetoric. American Literature.

Fourth Dear

Element'y Psychology. Physiology. Virgil.

Element'y Psychology. Civics. Virgil. English Grammar. General Methods. Special Methods or Physiography. Special Methods or Astronomy.

Fifth Pear

Fall Term.

Advanced Psychology. Literature. Social Science. Manual Training. Winter Term.

History of Education. Literature. Teaching. Manual Training. Spring Term.

Philosophy of Education.
Literature.
Teaching.
School Economy.

English Course

First Dear

Fall Term.

Algebra.
English Composition.
Drawing.
Geography.

Winter Term.

Algebra.
English Composition.
Music.
Botany.

Spring Term.

Algebra. English History. Reading. Geography.

Second Dear

Reading.
Zoology.
American History.
Music.

Plane Geometry. Zoology. American History. English Grammar. Plane Geometry.
Botany.
Drawing.
English Grammar.

Third Dear

Physics.
Arithmetic.
Physiology.
Manual Training.

Physics. Arithmetic. American Literature. Manual Training. Physics.
Solid Geometry.
American Literature.
Rhetoric.

Fourth Pear

General History. Element'y Psychology. Theme Writing. Chemistry. General History. Element'y Psychology. Civics. Chemistry.

General History.
Special Methods or
Physiography.
General Methods.
Special Methods or
Astronomy.

Fifth Dear

Advanced Psychology. Literature. Social Science. History of Education. Literature. Teaching. Philosophy of Education. Literature. Teaching.

School Economy.

Rhetorical Exercises, Chorus Practice, Physical Training, and Penmanship are required in all courses of study.

Descriptive Outline Psychology

Elementary Psychology: This is a study of the central nervous system, the sense-organs, the relation of mind to brain, and of all the other recognized topics of the subject from a practical, as well as from a purely psychological, point of view.

Advanced Psychology: This is a continuation of Elementary Psychology, involving the comparative and social phases and momentary contact with some of the more fundamental and philosphical problems.

Practical Psychology: As the name indicates, this deals with psychology only to the extent and in such a manner as to reveal the most useful principles of the subject and to illustrate their use.

Child Study: This gives the history of the child study movement and some practical experience in the investigation of problems in connection with the children of the Elementary School. It seeks the source, the order, and the conditions of development of both mental and physiological functions and urges the importance of wise adaptation of educational influence, especially during the period of adolescence.

History of Education

The ideals and practices of ancient, mediæval, and modern times, and the changes wrought upon both by historic movements, discoveries, and inventions are considered. Various great schools and educators are studied, and some special attention is given to American education.

Philosophy of Education

In a speculative way this subject deals on the one hand with the chief aspects of education considered in the widest sense, and on the other, in a narrower and more specialized manner with what may be called the philosophy of teaching. Ethics is included, but only to the extent of a definition of the subject and a brief study of the historic systems.

The Training Department

This department is closely related to the other departments and seeks a skillful practical application by normal school students under supervision of the best educational theory. It includes a well-equipped elementary school of eight grades, which affords ample opportunity for the two lines of work offered, namely: (1) Observation and General Method, and (2) Practice-teaching.

Observation and General Method: For the benefit of the children in the elementary school, as well as the practice teachers themselves, this work aims at raising the quality of the practice-teaching by first fixing high ideals of teaching, and securing as thorough a knowledge as possible of the general principles by which the best teaching is governed.

Practice-Teaching: A student spends daily a normal department period of fifty minutes in the elementary school. From twenty to thirty minutes is given to teaching a class, and the remainder of the time is devoted to miscellaneous school duties, such as working with a class or an individual pupil during a study period, preparing material, etc. The practice-teacher keeps the same class in the same subject for twelve weeks, but, if she teaches longer, she changes both grade and subject. Practice-teachers have the advantage of private consultation with the critic-teachers and the superintendent, and of a system of weekly meetings, at which the details of the elementary school work and kindred topics are discussed.

Teaching Plans: Each practice-teacher prepares subject outlines and daily statement The subject outline is a detailed outline of a topic to be taught. In making an outline, both the logical and psychological are considered, but the greater emphasis is put upon the former. The primary object of the outline is to secure that attention to subject-matter which is so essential to good teaching. The daily statement is a plan for each day's teaching. It has two parts, purpose and methods. The purpose states briefly and clearly the thing to be undertaken. This usually amounts to giving as much of the subject outline in use as can probably be covered in a single recitation period. The method gives a brief and general account of how a day's recitation is to be conducted.

Criticism of Practice-Teachers and Their Work: No criticism or help of any kind is given in the presence of pupils, when it is likely to deprive the teacher of her freedom or to cause the pupils to lose confidence in her. Criticism is given directly and without equivocation, and relates to things clearly in the mind of both teacher and critic. Where the justification of criticism is not self-evident, reasons are given and connection is made with educational principle.

The Ideal of the Department: The ideal of the department in its supervision of the work of the practice-teachers is excellence in the following things:

(1.) Personal appearance and manner,

- (2.) Sense of responsibility, faithfulness,
- (3.) Professional interest and enthusiasm,

(4.) Scholarship,

- (5.) Class management:
 - (a) On the side of teaching.
 - (b) On the side of discipline.
- (6.) Power of growth.

Teaching is an art, not a science, and it is the policy of the department in everything within its scope, which has a bearing upon the training of a teacher, not only rigidly to observe certain well established general principles, but also to avoid as far as possible the stifling effect of excessive formalism, and to encourage to the uttermost the development of freedom and originality.

The Elementary School: The following outline suggests the scope of the curriculum, and shows the grades in which the different subjects have special periods:

 Based on fairy stories, myths, and interesting incidents from the lives of great Americans.....First Three Grades

History (see also Oral and Written Languages):

Historical and biographical tales from Old World history...
 Fifth Grade

2. American history......Sixth, Seventh and Eighth Grades

3. Elementary English history. Eighth Grade
Geography ... All Grades
Nature Study ... All Grades
Music ... All Grades
Drawing ... All Grades
Manual Training:

1. Desk-workFirst Four Grades

School Economy

The course in School Economy continues through six weeks. The course involves such subjects as school law, the establishment, organization and conduct of schools; buildings and their equipments, heating and ventilating; qualifications and duties of teachers; the position of a teacher relative to the community in which she teaches; school boards and their duties, and city school systems.

English Grammar

First Term: A study of the etymology of the elements of the simple sentence and its analysis; phrases, prepositional and verbal not made by abridging clauses.

Second Term: The analysis of complex and compound sentences, including a study of clauses and their uses; etymology reviewed and extended; study of abridged and contracted sentences.

Methods in Grammar: This comprises a thorough review of subject-matter conducted with special reference to the observation by the students of methods of presentation. The sentence is made the point of departure so that the definitions of etymology and the rules of syntax may embody for the student a thought, not a meaningless combination of words.

English

Composition: The work consists chiefly of practice in composition, the students writing frequent brief themes based partly on study and research, partly on experience and emotion. In addition to this constant practice in writing, the students engage in a careful study of the relation between oral and written discourse, the choice and development of subjects, and the less technical principles governing the use of words, sentences and paragraphs. They are expected to master such elementary features as punctuation and the mechanics of letter-writing.

Rhetoric: The aim of this course is to give systematic drill in the principles of Rhetoric. The subject of good use, so far as it concerns words, sentences and idioms, is carefully reviewed. A study of the more technical principles of Rhetoric is then taken up, dealing with unity, coherence and emphasis as applied to sentences, paragraphs and whole compositions.

Theme Writing: The teaching of this fourth year course in English is directly preparatory to the thesis writing of the senior year. It is assumed that students have mastered the elements of composition, and are ready for the broader work in organizing material and in directing their personal energies toward an artistic literary end. To

aid in developing the critical faculty, students will occasionally examine and correct the work of their fellows, the whole being finally reviewed by the instructor.

Physical Training

Gymnasium: This commodious department is excellently equipped to meet the needs of both young men and young women. The young women must wear full bloomers and loose waist. Suitable material is blue serge, Indian twill, or mohair.

Grounds: Outdoor work for both young men and young women is conducted at proper seasons on the athletic fields. Contests with neighboring teams are encouraged.

Reading

Reading: Expression is one of the laws of our being. The student of expression does not deal with articulation, voice culture and physical culture alone, although their importance must be emphasized in order that the working of the mind through the body may not be limited by defects of voice and manner. Reading and reciting are for the direct purpose of training the mind to see the meaning of words quickly and of securing an easy, transparent expression of it.

Methods: Attention is given to the expressional development of each member of the class before the regular work in Methods begins. The principles employed in teaching the selections made for study are such as can be adapted to the whole broad range of literature. Special studies are (a) The choice of material for use in grade work, (b) the cultivation of the literary taste of children, (c) literary analysis, (d) the art of story-telling, (e) attractive presentation of book reviews, (f) teaching of memory poems, (g) conduct of classes.

Student Recitals: Recitals are held one evening in each month in the Auditorium of the school. All students are required to attend these exercises, and the public is invited.

The purpose of the Recitals is two-fold:

That the school, as a whole, may enjoy the entertainment, the instruction and culture that comes from hearing what is best in the literary world read clearly, understandingly and impressively; that the individual students may receive the experience, the discipline, the growth in power that come from thinking and speaking before an audience. Every member of the graduating class is required to appear in Recitals some time during the year.

Literature

American Literature. First Term: In the study of American Literature the following outline will be observed: Literature of the Colonies. Period of Transition. Period of the Republic. New England Group of writers.

Second Term: Continuation of work among New England Group of writers, Historians, Orators, Poets, Short Story Writers, Essayists, Critics, Humorists and Later Poets.

English Literature. First Term: In the study of English Literature much collateral reading in English History is required. Outline for critical study: The Early History from 449 A. D. to the Norman Conquest. From the Norman Conquest to Chaucer's Death. From Chaucer's Death to the Accession of Elizabeth. The Literature of the Age of Elizabeth. The Puritan Age. The Age of the Restoration.

Second Term: A study of Works Produced During the First Forty Years of the Eighteenth Century. The Second Forty Years of the Eighteenth Century. The Age of Romanticism. The Victorian Age. Aside from the critical study made of leading authors in a given period, adequate attention is given to minor authors and their chief works.

Literary Interpretation: As a basis of work in Literary Interpretation a course of instruction is given in Literary Criticism. Applying the principles of literary criticism, special study is made of the dramatic, poetic, oratorical and essay style. The literary analysis and vocal interpretation of selections from the best English and American authors are required.

The Library and Reading Room

The library contains over 4,500 volumes, including bound magazines, that are regularly catalogued. In addition, there are nearly 3,000 volumes of government reports, including the official records of the Civil War, the Congressional Record, the Geological Survey, the Ethnological Reports, and the reports of the various departments, including the National Educational Association. There are also on file the current numbers of both general and local periodicals and newspapers.

The Latin Language

The basic principles of Latin grammar are most carefully studied, not only to give a knowledge of the structure of the Latin language, but that the student may become better prepared to teach English grammar. In the second year, the first four books of Cæsar's Gallic Wars are read. The study of Latin composition is carried throughout the year, and exercises in sight-reading are given from time to time to test the student's progress. Each member of the class reads one complete English biography of Cæsar, such as—"Cæsar: A Sketch," by J. A. Froude, or "Julius Cæsar," by Warde Fowler. The same plan of reading is carried through the third year, during which six orations of Cicero are read, and the study of Latin Composition continued;

Throughout the study of the first six books of Virgil's Aeneid, Greek mythology and poetry are emphasized by supplementary reading.

Mathematics

Arithmetic: The subject is taught for its utility and its culture. The work is planned on the utility side to correlate with other subjects, and to meet the demand of the business world that our school children acquire speed and accuracy in fundamental operations, and a knowledge of such business terms and practices as are current in the ordinary work of life. The culture value of the subject lies not so much in what is taught as in how it is taught. The student is trained to think in every problem that he solves, until he acquires power to grasp the conditions in a problem, and exercise judgment in dealing with them.

Methods in Arithmetic: This subject includes a review; practice in the preparation and presentation of material in the grades; drill and a discussion of the means of making drill effective; carefully selected reference reading, and its discussion and application in class.

Algebra: The work includes the first thirty-one chapters of Wells's "Essentials of Algebra." Algebraic principles and processes are linked with arithmetical ones, and the endeavor is made to develop clear thinking, facility in computation, and logical forms for written work.

Plane Geometry: The ground covered is that of the first five books of Euclid with the demonstration of original exercises.

Solid Geometry: The subject includes lines and planes in space, dihedral and polyhedral angles, polyhedrons, the cylinder, the cone, and the sphere.

Physical Sciences

Physics: The class work, consisting of experimental lecture, reference and text-book recitation work, occurs daily, and is supplemented by individual laboratory work twice a week. Problem work in connection with the text, accurately kept note books, and the practical application of physical laws, are emphasized. The aim in the course is to bring the student into intelligent relationship with the physical phenomena and forces about him.

Chemistry: The scope of the work includes general inorganic chemistry with particular attention to the non-metallic elements. The time is mainly spent in the laboratory, with occasional recitations to discuss the work there accomplished, and to correlate it with the text. The industrial and commercial aspects of the subject are emphasized, as are, also, its applications to everyday life.

Astronomy: The work is mainly descriptive, combined with actual observation, as far as practicable. Those portions of the subject which are of special educational value are emphasized, and the course is made largely a preparation for the teaching of geography.

Biological Sciences

Botany: The work of the first term is confined to a study of the thallus plants, mosses and ferns. In the belief that an accurate knowledge of the higher plants necessitates at least a fair understanding of the lower forms, a series of types which lead logically to an examination of the flowering plants is made the basis of this work. The principles of organic evolution, as illustrated by plants, are made prominent.

The second term is devoted to a study of flowering plants, morphology, physiology and ecology receiving about equal attention. Enough taxonomic work is done to familiarize the student with the principles and methods of classification.

Zoology: The work of the first term is confined largely to a study of animal ecology. Field work and demonstration material serve to exemplify the principles underlying the subject.

During the second term the time is occupied with a study of type forms among invertebrate animals. More time is devoted to the study of insects, than to any other one group.

Physiology and Hygiene: Animal tissue is used to illustrate the principal points of the study. After a careful study of the skeleton the muscular system is taken up. Under this subject are studied not only the structure, attachment and function of muscles, but the law governing muscular health. The need of exercise, the amount of exercise and the best forms of exercise are discussed. The simple chemistry of foods is given in connection with the digestive tract and digestion. Then follows in order the blood and the circulatory system, the respiratory organs and respiration, proper and improper ventilation, the skin and kidneys, the nervous system and special senses, the throat and voice.

Elementary Science

Elementary Science is the term applied to the study of those phases of the natural sciences which are best adapted for study in the graded schools of the state. The work of the course is largely in the form of lectures, supplemented occasionally by reference work, and illustrated as fully as possible by demonstration from the rapidly increasing collections in the museum. At the close of the course a suggestive outline of study is given for each science taken up. Although suggestive, these outlines indicate the phases of the subject, material to be used, methods of presentation and objects to be attained in each grade from the first to the eighth. Geology, Botany, Zoology and Meteorology are the sciences studied.

The Museum

There is a tendency in modern education, which strongly emphasizes the use of the eye. Since this is true, the right kind of a museum should be found in every school. It can be made to enrich almost every study in the curriculum. The old style museum, which was a heterogeneous collection of curios, cannot do this, and is giving way to the new, which should be a carefully selected collection of material that has a practical bearing on the needs in question. Such a collection the Moorhead Normal School plans in time to have, and as its nucleus there is already an excellent collection of Minnesota minerals and rocks, Minnesota plants and Minnesota birds, with much other material from various sources.

Geography

First Term: This term is given to the study of physical geography; the time being divided among the subjects of the air, the ocean, and the land. Under the study of the air come the study of the circulation of the winds, the various storms, the different forms of moisture in the atmosphere, all of which are summed up in the practical study of the weather. The ocean is studied with reference to its density, the topography of the ocean floor, conditions of deep sea life, currents, tides and waves, together with their effect upon the climate and conditions of life upon the land. In the study of the land, special emphasis is laid upon mountain building, the origin of different kinds of rock, the work of the rivers, the work of the weather, glacial action and its effects upon the conditions of life in different countries are made especially prominent.

Second Term: The second term's work is based upon that of the first term, and is concerned with a study of the commercial geography of the United States. The different sections are studied with reference to their natural resources, the consequent industries, and the reasons for the location and growth of the leading cities, each point being worked back to its physical basis. Our foreign commercial relations, as well as some more detailed study of our home conditions, are taken up in special, individual topic work, in which each student does original research work in the well stocked library at his command.

Methods: The aim of the course is to give the prospective teacher a good working knowledge of geography to use in the grades. Special topic work is required upon Primary Industrial Geography, and certain phases of commercial and physical geography. We aim to emphasize methods of presentation, to develop powers of graphic description, clear questioning, and resourcefulness in the use of object, and blackboard illustrations.

Physiography: This subject is an emphasized form of Physical Geography, and covers the work laid out in any of our best modern text-books on Physiography.

Drawing

First Term: Study of type forms and the laws of simple perspective as shown in the cube, sphere, and cylinder and in objects based on them.

Second Term: Making and decorating cardboard boxes, lamp shades, picture frames, and portfolios. Sketching from nature and composition from landscape drawing. Lettering and mechanical drawing.

Methods: Ways of presenting work in the grades: first, by papercutting from objects and imagination; second, by designs in pottery, baskets, rugs, etc.; third, by correlation of various exercises with other subjects; and fourth, by schoolroom decoration.

Manual Training

The course commences with work suitable for the youngest pupils, using a variety of materials, such as paper, cardboard, clay, straw, raffia and burlap. The work increases in range and difficulty to meet the requirements of each grade as far as the high school. Much attention is given to the educational value of Manual Training, and in the forming of habits of neatness, order, accuracy and originality. With the Normal School students, the latter part of the course is devoted to making articles of utility for the school-room and the home. Apparatus for science and nature study is designed and executed, and every effort is made to develop the ability of the student to notice the possibilities for industrial work, and to take advantage of them in whatever situation he may be placed.

Music

First and Second Term: The work takes up the principles of breathing as applied to tone production, and the art of vocalization; voice placing, elementary vocalization, and sight singing, being acquired through the use of exercises and songs, especially adapted for this purpose. A knowledge of the rudiments of music is gained through the study of the staff-eartraining exercises, musical dictation, and the writing of intervals, scales, chords, etc.

Methods: This embraces the work of the first and second terms, special attention being paid to the presentation of music in the grades. Students are given opportunity for a practical application of methods through practice teaching in the training department.

History

Ancient History: This course begins with the ancient civilizations of the Orient, and includes the complete history of Greece, together with the history of Rome down to the establishment of the Empire under Augustus. The distinct contributions of the Greeks and Romans to Civilization are emphasized.

Mediæval History: This course takes up the study of the period with the Roman Empire, and concerns itself with the invasions and migrations of the barbarians; the rise of modern nations; the spread of Christianity, with its important institutions, monasticism and the papacy; the development of the barbarian dialects into vigorous literary languages; feudalism; the crusades, and the free towns.

Modern History: An attempt is made to complete the sketch of the European nationalities, and to view them in their present relations to each other, and to the great powers of the world outside of Europe. The two vast movements of the age, reform in religion and revolution in government, are dealt with as thoroughly as the limits of the course permit, and the problems of recent times are investigated broadly, and brought down to our own day.

English History: Fundamentally, English history is American history. Hence the history of England is given thorough and systematic study, care being taken while emphasizing the important constitutional features that the inspirational elements—the heroic examples that make for patriotism—shall not be neglected. Significant events in European history that touch England's interests are woven into her history. Wide reading is encouraged, and specific references are regularly given.

United States History: The work covers the entire period of United States History from the discovery of America down to the present time. Enough European history is used to make our history intelligible, and to give it its proper setting in the history of the world. A liberal assortment of excellent reference books, in the general library, greatly facilitates this work.

Methods: In order to make this work as practical and finite as possible, study is confined to specific periods of American History, which are treated topically with the aid of an outline embodying extensive references. Attention is directed to the sources, to illustrative material in literature at large, and to the more extended histories. Fifteen minute papers involving a discussion of some essential problem of the topic in hand are written at the closing session of each week, and at least one special report is presented by each student during the term.

Civics

Civics: The local organizations—the town, county, village and city—are treated historically first and critically afterwards. The state is next considered in the same manner, thus giving a safe foundation for an intelligent and exhaustive study of the United States and its constitution. Careful attention is given to the colonial governments, and to the successive steps toward consolidation that finally led up to the constitutional convention. Detailed comparisons are occasionally made between the various organizations. Subjects that are of practical importance and sufficiently finite are given special treatment.

Social Science

Only the more common and practical relationships of life are studied. Yet a sufficient insight is gained to bring new light to bear upon education, and to add new significance to its aims and methods. Frequent papers are required of the students on topics suggested by class discussions. Illustrations are drawn from local conditions and local institutions as far as possible.

Thesis

Each candidate for graduation from one of the Advanced courses of study is required to present to the faculty a graduating thesis. The thesis must be a record of independent investigation of some subject included in the scope of the student's professional work. The thesis will be submitted to a committee of the faculty for review and criticism.

Summer School June 21st to August 1st

Through the co-operation of the State Superintendent of Public Instruction, a joint summer school will be held at the Normal School at Moorhead, in which the following counties will participate: Becker, Clay, Grant, Otter Tail, Wilkin.

Statement: The regular normal school courses of study offer three terms of work in each year of the course. A student at the summer school may complete a term's work in a given subject by taking two recitations daily in that subject. The completion of a term's work in any subject will entitle the student to a credit in a regular normal school course of study, and a mark of 80 per cent. or above, in a completed subject, will be recommended to the State Superintendent of Public Instruction, to apply on a teacher's certificate in lieu of examination. Two recitations daily will be offered in all subjects.

Suggested Programs: Students will be permitted to select such subjects as they may desire to take, under certain restrictions. No student will be permitted to undertake an amount of work, which can not be well done. Individual needs will be considered, and every opportunity possible will be afforded to students to register for work which will be the most helpful.

The usual courses will be offered, including the following subjects: Pedagogy, Physiology, Civics, Geometry, Physics, United States History, Music, Arithmetic, Algebra, Physical Geography, Commercial Geography, English Grammar, Primary Method, Reading, American Literature, Drawing, Penmanship, Methods and Reviews.

Model Classes: Model classes will be conducted in connection with the work in Primary Method, and that course will cover the work usually undertaken in the country schools.

Registration: All persons who expect to attend the summer school are urged to be on hand at the opening of the term, Thursday, June 21. Every student will be required to register, and his name will be entered in the records of the Normal School as a regular Normal School student. He will receive cerdit for any work previously done, whether a High School graduate or not, according to the rules of admission to the Normal School. Wednesday, June 20, will be Registration day. Regular work will begin Thursday morning. Persons who expect to attend the summer school are urged to come to Moorhead, Wednesday, June 20, and make all necessary arrangements for room and board prior to the opening of the school.

Board and Rooms: Living expenses will be from \$2.50 to \$3.50 per week. Room and board at Wheeler Hall will be \$3.25 per week. Rooms at Wheeler Hall may be engaged by applying to the president of the school.

Text-Books: The Normal School text-books will be used, and the regular rental fee of one dollar will be charged. This will entitle a student to the use of the general library, and the reference books, as well as the text-books.

Railroad Rates: An effort will be made to secure reduced rates on the railroads, and all prospective students at the summer school are requested to ask local railroad agents for receipts when railroad tickets are purchased. Do not fail to give this matter attention. The receipt may enable the purchaser of a ticket to secure a reduced rate for the return trip home.

Class Memorials

The first class to be graduated from the school left, as a token of regard and love for their Alma Mater, a picture to adorn its walls; and the pleasant custom of thus leaving some such memorial to the institution has been followed by succeeding classes. These gifts, as typifying the intimate relationship between the pupils and the school, represent far more to both donor and recipient, than any mere financial consideration involved. The memorials thus bestowed are as follows:

Class of '90. Etching, a landscape. Class of '91. Etching, a landscape.

Class of '92. Steel engraving, "Persepolis," by Briton Riviere.

Class of '93. Steel engraving, "A Reading from Homer," by Alma-Tadema.

Class of '94. Bust of Homer.

Class of '95. Picture, Castle Saint Angelo.

Class of '96. Picture, "Colosseum."

Class of '97. Large leather arm chair for the President's office.

Class of '98. Large United States flag.

Class of '99. Electric chandelier for main office.

Class of '00. Sargent's "Prophets."

Class of '01. Statue, "Winged Mercury."

Class of '02. Statue, "Thalia, Goddess of Comedy."

Class of '03. Reading desk for Auditorium, and Library clock.

Class of '04. Four pictures of American statesmen for main corridor.

Class of '05. Five pictures for main corridor.

Catalogue of Students

Academic-Professional Courses

Senior Latin

Espeseth, Anna.....Erskine Pomeroy, Curtis H...Moorhead Rushfeldt, Lillie E....Hawley

Senior English

Bergan, Ole W	Rothsay
Bergh, Otto I	
Corbett, Minnie.	.Twin Valley
Erickson, Emma	S Wheaton
Espeseth, Ingebox	rgErskine
Funua, Leslie	Detroit

Hovden, Conrad.	Perley
Norris, Ella C	
Owen, Eunice	
Stapleton, Marie	V
	Osgood, N. D.
Westlund, Hilma,	Horace, N. D.

Elementary

Brevig, Olaf N	Halstad
Dahl, Edith B	.St. Hilaire
Danford, Edna NF	argo, N. D.
Flynn, Mary G	
Friedland, Minnie F.	Moorhead
Gaffy, Lottie	.Barnesville
Johnson, Inga M	Clitherall
Jorgensen, Iola E	Comstock
Lamb, Mary L	Moorhead
Loudon, Blanche	Moorhead
McCabe, Emma	
McCarthy, Mary	Morris
Olson, Clara S	
Palmetier, Frances	
Lis	bon, N. D.

Platt, Stella GFargo, N. D.
Rushfelt, Irena
Skree, JosephineHawley
Stalley, Edith MHawley
Sullivan, Olive M Moorhead
Sunstad, Kaia HMoorhead
Teigen, Caroline A Moorhead
Trost, BerthaAda
Waite, AliceMoorhead
Weatherhead, Mattie B
Alexandria
Williamson, Charlotte F
Oakwood, Mo.

Senior Graduate Class

Colligan, Mary l	Rubina Stillwater
Conant, Mollie	
	lillsboro, N. D.
Fargeman, Anna	Fergus Falls
Fortin, Sylvia F	
Gates, Daisy	Moorhead

Johnson, Nora L......Hallock Lobben, Katie M..Fargo, N. D. Montague, Frances...Crookston Phalon, Henrietta M., Detroit Rawson, Camilla, Lisbon, N. D. Rawson, Clara...Lisbon, N. D. Rose, Nellie A., Lisbon, N. D. Rud, Mary G.....Fergus Falls

Elementary Graduate Class

Bergerson, Rosey ELake Park
Bjoin, Anna MCrookston
Briggs, CecilPelican Rapids
Casmey, Ida MCrookston
Cenfield, Alice HClinton
Chilton, Catherine AFrazee
Cole, Abbie A
Blooming Prairie
Cookson, Evlyn FCloquet
Corbett, Jessie M. Fargo, N. D.
Engberg, AlbertineDetroit
Evans, Angie T., MrsFelton
Flore, Amy ROsakis
Fosmark, Laura BFergus Falls
Gatton, HarrietCrookston
Hall, Emma MFargo, N. D.
Hoag, Gertrude EFargo, N. D.
Hurlbut, GraceAlexandria
Johnson, Anna L. Fargo, N. D.
Judd, Ida MFargo, N. D.
Keeley, AnnaEuclid
Kretzschmar, Olga
Thief River Falls
Lakin, EmilyWarren
Learman, EmmaDetroit
Levitz, Rose LFargo, N. D.
Lindell, Selma V Crookston
Lovaas, Minda ASauk Centre

McGee, Nora LMoorhead
MacLeod, Katherine Aitkin
Madden, Elizabeth Stillwater
Meehan, Mary G
Thief River Falls
Mitchell, Irma D. Fertile, Iowa
Nason, OraStaples
Nelson, Edith O Moorhead
Nelson, Ella MBarnesville
Norby, AuroraDetroit
Norby, Mabelle EDetroit
Nyberg, Lillian F. Furgus Falls
Pastoret, Rose E. Fargo, N. D.
Peake, Laura VEagle Bend
Peterson, EmmaMoorhead
Peterson, Margaret D
Veteran, Wis.
Ransom, Edna BOrtonville
Rogstad, ElizaDetroit
Skeoch, NellDetroit
Sorenson, RosaFertile
Staples, Pearl FFosston
Switzer, Lucile, Pembina, N. D.
Trudo, Capitola FDetroit
Wessberg, Hannah, Fergus Falls
Wheeler, Ruth CLitchfield
Wyand, Bertha K Crookston

Junior Graduate Class

Anderson, RuthCrookston
Arneson, Mary C
East Grand Forks
Conant, Bessie M., Fargo, N. D.
Euren, Signe Moorhead
Gatton, Mary M Crookston

Hansen, Louise A. Fargo, N. D. Kuhfeld, Emma F. ... Moorhead Perley, Grace. ... Moorhead Ray, Elizabeth ... Fosston Sheffield, Lucy ... Moorhead Sonquist, Pohn A. Fargo, N. D.

Junior Latin

Carlson, Jessie	Syre
Conant, Ivy G Farg	o, N. D.
Hale, Harriet E	.Hawley
Lovsnes, Marie	. Halstad
Olin, Hulda	
Rustad, Harriet	Kurtz

Junior English

Anderson,	Herman	F	
		St.	Hilaire
Barnes, M			
Bergland,			
Foss, Carri	e OI	atona	a, N. D.
Hanson, I	ora O	M	orhead

Keeney, Ruth....Fargo, N. D. Olson, Alice G....Fargo, N. D. Olson, Anna J.....Perley Rice, Irene L.....Fargo, N. D. Tufts, Eulalia S....Fargo, N. D.

Third Pear Latin

Adler, I	reneN	Ioorhead
	Alta M. Farg	
Feiring,	Huldah	.Rothsay
Freeberg	z. Amy	Ioorhead

Freeberg, Hanna....Moorhead Lawrence, Lulu M.Fargo, N. D. Peterson, Leroi F....Moorhead Skeim, Ida J......Twin Valley

Third Pear English

Bergh, Herman Hendrum
Bergh, Stephen T Hendrum
Bjorkquist, Stella Moorhead
Bloomquist, Judith Moorhead
Carlander, Garda I Moorhead
Comrie, Alice EFargo, N. D.
Congdon, Clara M
Donaldson, Ruth E. Fargo, N. D.
Folkedal, EllaAda

Hanson, Malcom....Moorhead
Holgate, Mary....Fargo, N. D.
McCasland, Lillie E.....Voss
Meighen, Mary S. Twin Valley
O'Brien, Mary A. Fargo, N. D.
Seip, Emma.....Beardsley
Slagerman, Flossie.......
Bathgate, N. D.
Sprague, Charlotte G......
Breckenridge

Second Dear Latin

Anderson, Charley E	
Bottolfson, Ingeborg	
	.Moorhead
Dudrey, Howard	. Moorhead
Dudrey, Jessie	
Lommen, Julia A	Comstock
Lommen, Tilda M	
Miller, Kathleen E	. Moorhead

Myller, Rose......Moorhead
Nye, James G......Moorhead
Nyseter, Caroline..Fargo, N. D.
Sonquist, David S..Fargo, N. D.
Swanson, Ebba.....Manston
Trunkey, Grace...Fargo, N. D.
Weld, Lucy A.....Moorhead
Westlund, Hannah E.......
Fargo, N. D.

Second Year English

Kennedy, Stella....Fargo, N. D. Letness, Margaret Hendrum Lindgren, Ellen Ortonville McCaffrey, Teresa.....Warroad Mahlen, Olive Moorhead Megrund, Henry.....Shelly Michaelson, Martha.....Clinton Nelson, Amber E..... Euclid Nelson, Lillian J... Fargo, N. D. Normann, Caia M.....Ashby Olson, Alma L.....Rothsay Olson, Olga.....Lake Park Otteson, Tina H..... Pagel, Susie L.... Chaffee, N. D. Palmer, Louise M.... Moorhead Pearson, Cora A.....Comstock Pederson, Hannah A.....Underwood Peterson, Hulda J.... Moorhead Plowman, Margaret.....Luce Robbins, Zadie Z....Barnesville Rudrud, Gena.....Bagley Scott, Agnes.....Beltrami Skundberg, Hilda E. Beardsley Skundberg, Johanne.....Barry Staake, Ruth......Moorhead Sunde, Amalia....Fargo, N. D. Swenson, Ruth A.... Moorhead Wolfe, Henrietta.....Traverse

First Bear Latin

Andersgord, Hattie...Comstock Hoard, Mabel I.....Moorhead LaPash, Annie R....Moorhead Lommen, Olga L...Comstock Mac Kenzie, Jennie..Wild Rice Netteland, George L.St. Hilaire Rovang, Ida.....Erskine Rushfelt, Elsie E.....Hawley Tilseth, Edith V.....Moorhead

First Bear English

Adams, Olive KPerham
Almen, NellieNash, N. D.
Alrick, JuliaPerley
Anderson, NannieWadena
Andrews, Nellie AAda
Barnhart, InezFargo, N. D.
Barnhart, OliveFargo, N. D.
Beaudin, Odina BKent
Beireis, ElizaDetroit
Bekkerus, Ingeborg M
Benthagen, ChristineBorup
Bentley, Sophie B Twin Valley
Bixby, John LBasswood
Bjerke, EllenHoffman
Bjerke, SelmaBarrett
Boe, Alila SLake Park
Borgerson, RenaDonaldson
Bothne, MarthaHitterdal
Brandt, John Erskine
Brohaugh, MinnieShelly
Brottom, MarieHalstad
Bryngelson, EffieAudubon
Bryngelson, HattieRichwood
Cahalan, AnnaKent Caldwell, Mary V. Fargo, N. D.
Caldwell, Mary V. Fargo, N. D.
Campbell, Mayme Fargo, N. D.
Chappell, Floy E. Fergus Falls
Christianson, Anna C
Parker's Prairie
Clark, LillianFargo, N. D.
Clendenin, Dorothea
Fargo, N. D.
Cline, Edna MFargo, N. D.
Colliton, HelenMoorhead

Dehn, LiliaMoorhead
Dickinson, Hazel RAkeley
Dinehart, GeorgeLuce
Dinehart, WilliamLuce
Dresser, Lillian M. Center, N. D.
Eastlund, Nettie Moorhead
Eastlund, Theodore Moorhead
Efteland, JosephineShelly
Engelbert, MarieKennedy
Erickson, LeonoraHitterdal
Estlund, Nancy VKennedy
Everhart, Emily M. Fargo, N. D.
Fiskum, Georgia
Pelican Rapids
Freeman, Elsie, Moorhead
Frykman, EmilyBarrett
Gallagher, Katherine M. Detroit
Gallagher, WinnieDetroit
Gibbons, Coral MHawley
Gibson, Edith G
Gilberry, Ida EKragness
Goranson, Ruth H
Constant Dates White Rock, S. D.
Grande, BetsyHalstad Grunden, HildaFergus Falls
Grunden, Hilda Pergus Falls
Gunderson, Bertha M
Gunderson Selma E
Gunderson, Selma E
Hage, Louis
Hagen, SigurdDalton
Hall, Florence B., Fargo, N. D.
Halsing, Ella RComstock
Halver, Winnie A
Denhoff N D

Halverson, John E
McGregor, Iowa
Haugen, Inga
Abercrombie, N. D.
Hedlund, NannieMoorhead
Hicks, Minnie V. Hickson, N. D.
Hicks, Minnie V. Hickson, N. D.
Hills, LauraManston
Hoff, KalaAshby
Hoff, MathildaPerley
Holem, Mabel CFertile
Holum, EdithFlom
Iverson, Inga IMcIntosh
Jensen, Bertha B Moorhead
Tepson, Anna IGlyndon,
Jepson, Anna JGlyndon, Johnson, Arthur W. Moorhead
Johnson, DoraHalstad
Johnson, Lawrence H. Moorhead
Johnson, Luffa FWoodland
Johnson, Luna F Woodland
Johnson, MaryMoorhead
Johnson, TheaClitherall
Jahr, JennieHitterdal
Jones, Alice IFargo, N. D.
Jorgenson, Pearl H
Hickson, N. D.
Kaushagen, HannahBorup
Keeney, PhoebeFargo, N. D.
Recitey, I noche raigo, iv. D.
Knutson, Anna HMoorhead
Knutson, Anna HMoorhead
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelson
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelson Larson, Alma DMoorhead
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelson Larson, Alma DMoorhead Larson, Annie MGlyndon
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelson Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelson Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon Larson, Myrtle ERollag
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelton Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon Larson, Myrtle ERollag Lee, Flora MBeltrami
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelton Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon Larson, Myrtle ERollag Lee, Flora MBeltrami
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Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelson Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon Larson, Myrtle ERollag Lee, Flora MBeltrami Lee, LauraMoorhead Loveid, LouiseNewfolden
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelson Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon Larson, Myrtle ERollag Lee, Flora MBeltrami Lee, LauraMoorhead Loveid, LouiseNewfolden Lundberg, Jennett A
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelton Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon Larson, Myrtle ERollag Lee, Flora MBeltrami Lee, LauraMoorhead Loveid, LouiseNewfolden Lundberg, Jennett A Pelican Rapids
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelson Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon Larson, Myrtle ERollag Lee, Flora MBeltrami Lee, LauraMoorhead Loveid, LouiseNewfolden Lundberg, Jennett A Pelican Rapids Lundin, FlorenceMoorhead
Knutson, Anna HMoorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelson Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon Larson, Myrtle ERollag Lee, Flora MBeltrami Lee, LauraMoorhead Loveid, LouiseNewfolden Lundberg, Jennett A Pelican Rapids Lundin, FlorenceMoorhead
Knutson, Anna H Moorhead Knutson, Elmer St. Cloud Lang, Lillian D Felton Lang, Lilly Moorhead Lang, Margaret E Felson Larson, Alma D Moorhead Larson, Annie M Glyndon Larson, Bertha E Glyndon Larson, Myrtle E Rollag Lee, Flora M Beltrami Lee, Laura Moorhead Loveid, Louise Newfolden Lundberg, Jennett A Pelican Rapids Lundin, Florence Moorhead McArthur, Ida Callaway. McCann, Lulu
Knutson, Anna H Moorhead Knutson, ElmerSt. Cloud Lang, Lillian DFelton Lang, LillyMoorhead Lang, Margaret EFelton Larson, Alma DMoorhead Larson, Annie MGlyndon Larson, Bertha EGlyndon Larson, Myrtle ERollag Lee, Flora MBeltrami Lee, LauraMoorhead Loveid, LouiseNewfolden Lundberg, Jennett A Pelican Rapids Lundin, FlorenceMoorhead McArthur, IdaCallaway. McCann, Lulu
Knutson, Anna H Moorhead Knutson, Elmer St. Cloud Lang, Lillian D Felton Lang, Lilly Moorhead Lang, Margaret E Felson Larson, Alma D Moorhead Larson, Annie M Glyndon Larson, Bertha E Glyndon Larson, Myrtle E Rollag Lee, Flora M Beltrami Lee, Laura Moorhead Loveid, Louise Newfolden Lundberg, Jennett A Pelican Rapids Lundin, Florence Moorhead McArthur, Ida Callaway. McCann, Lulu

McGuire, Gladys..Long Prairie McLean, Mary E.....Argusville, N. D. Madson, Marie......Dalton Malloy, Herbert Moorhead Martinson, Elof.....Audubon Martinson, Mary A....Audubon Martinson, Mary E.....Fisher Mauritson, ClaraShelly Melby, Mary.....Long Prairie Meilicke, Bertha T.....Ulem Messelt, Belinda G..... Mentor Midgarden, Theckla....Glyndon Midthun, Minnie A.....Flom Midthun, Henry......Flom Mix, Lillian B......Detroit Moen, Selma.....Shelly Munsen, Hilda E.....Audubon Munsen, Nettie M.... Audubon Murray, Hannah E..... Morris Murray, Kathryn G..... Morris Myers, Edith M.....Foxhome Nelson, Agnes M....Moorhead Nelson, Amanda L..... Nelson, Olive M. B.....Fargo, N. D. Norgaard, Nina....Fargo, N. D. Nystrom, Emelia. Horace, N. D. Oberson, Tilla.....Shelly Oistad, Josie.....Shelly O'Laughlin, Lulu.... Moorhead Orvedal, Olena J.....Wild Rice, N. D. Paulson, Petra T.....Elizabeth Pearson, Alice L.... Comstock Pearson, Anna C..... Pearson, Elma B.....Comstock Peterson, Carl J..... Moorhead Peterson, Paul.....Moorhead Peterson, Peter......Hendrum Phalen, Anna G......Wheaton Pomeroy, Adele. Fargo, N. D. Qualley, Nora C..... Hendrum

Quist, May E. . Thief River Falls

Ramstad, Otto. Thief River Falls
Rasmussen, Lucy Fargo, N. D.
Redland, Stella EShelly
Remore, Blanche E
Fargo, N. D.
Remore, Grace M. Fargo, N. D.
Runnels, MaycieMoorhead
Ryan, Archie C Moorhead
Ryan, MarySt. Vincent
Saetre, Mabelle E Henning
Sanders, Fred WClinton
Schill, HannahMoorhead
Scott, EdithFargo, N. D.
Scott, JessieFertile
Severtson, Nelsina. Pelican Lake
Shaiavitch, RoseFargo, N. D.
Shaiavitch, Sophie. Fargo, N. D.
Sitz, Blondina D
New York Mills
Skeim, Anna RTwin Valley
Solwold, Olaf AHitterdal
Soreng, GedaKensington
Sorvig, AlfredErskine
Spangelo, Hannah. Twin Valley
Stebbing, MayUlen
Sternberg, Louis VMoorhead
Stewart, Florence M
Fargo, N. D.

Stone, Marie G Detroit
Stordahl, OscarHendrum
Stromstad, Selma AShelly
Swanson, MarieFargo, N. D.
Swenson, TheaShelly
Thackery, Jay LMoorhead
Thomas Andrew Flom
Thompson, AndrewFlom
Thompson, Lawrence V
Thompson, Maizie E. Moorhead
Thompson, May F. L
Fargo, N. D.
Thompson, Peter Moorhead
Thortvedt, AlphaGlyndon
Trost, Arnold A Moorhead
Tufts, Annie Belle Fargo, N. D.
Tufts, LovidaAkeley
Velo, TillieUlen
Waale, Ida LHawley
Wangberg, Millie JHalstad
Warwick, MamiePage, N. D.
Weeding, LillieOrtonville
Weld, Malcolm FZumbrota
Weum, SeverinaGeorgetown
Wiger, Anna TUlen
Williams, LillianHawley
Willis, Gova. Winnipeg Junction
Wright, BertPerley

Special Students

MacGregor, Anna....Moorhead Schulz, Lydia......Moorhead Morton, Catherine....Moorhead

Summary

Graduate Courses—		
Senior Graduate Class	13	
Junior Graduate Class	11	
Elementary Graduate Class	51	
	7	75
Advanced Academic-Professional Courses—		
Senior Class	14	
Junior Class	22	
Third Year Class	25	
Second Year Class	73	
First Year Class	204	
Special Students	3	241
		341
Elementary Course		25
Total for Normal Department		441
Additional students who secured credits in Summer School.		304
Total number of Normal School students		745
Elementary School		
Grammar Grades	55	
Intermediate Grades	51	
Primary Grades	49	
Total in Elementary School		155
Total in both departments		900
Counted twice		3
Whole number of students during the year		897



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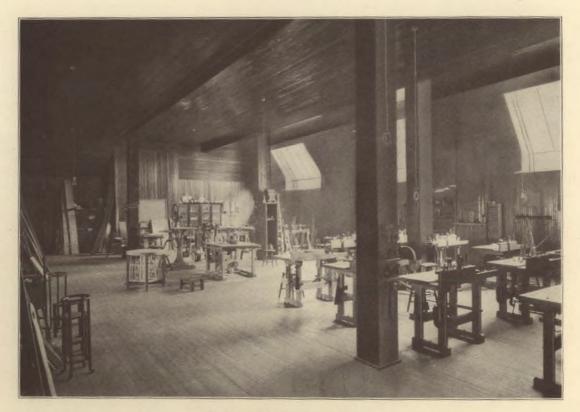


THE GYMNASIUM



PHYSICIAL SCIENCE





MANUAL TRAINING DEPARTMENT



DRAWING DEPARTMENT