

1889

1889-1890 Sixteenth Annual Catalog of the Southern Illinois Normal University

Southern Illinois State Normal University

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SIXTEENTH ANNUAL CATALOGUE

OF THE

SOUTHERN ILLINOIS

NORMAL UNIVERSITY

CARBONDALE, ILL.

1889-90.

PUBLISHED BY THE UNIVERSITY.
1890.



SOUTHERN ILLINOIS NORMAL UNIVERSITY.

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LIZZIE M. SHEPPARD,
First Assistant in Grammar School.

† WILLIAM H. HALL,
Assistant in Grammar and Arithmetic.

† Spring Term.

HISTORY.

AN ACT of the General Assembly of the State of Illinois, approved April 20, 1869, gave birth to this Normal School. By this Act it was provided that five Trustees should be appointed by the Governor of the State, who should fix the location, erect the building, and employ teachers for the school. The Governor, General John M. Palmer, appointed Captain Daniel Hurd, of Cairo; Eli Bowyer, of Olney; Colonel Thomas M. Harris, of Shelbyville; Rev. Elihu J. Palmer, of Belleville; and Samuel E. Flannigan, Esq., of Benton. After advertising in the newspapers, and stimulating competition among the town and cities in southern Illinois, these Trustees agreed on Carbondale as the proper location, and fixed the site on a lot of twenty acres, three-fourths of a mile south of the station of the Illinois Central Railroad. The corner stone was laid, with the ordinary ceremonies, by the Grand Master of the Masonic fraternity of the State, on the 17th day of May, 1870. The building was finished in time to be dedicated July 1, 1874, and the first Faculty commenced the work of instruction in the new building July 2, 1874, at which time a Normal Institute was opened with fifty-three pupils.

On the 6th day of September, 1874, the regular work of the Normal University commenced.

On the afternoon of November 26, 1883, at three o'clock, this beautiful building was discovered to be on fire, and before five o'clock, p. m., despite the efforts of Faculty, students, and citizens of Carbondale, the entire building was in ruins. By the heroic labors of students, teachers, and citizens, the large library was saved, and most of the furniture; also the philosophical and chemical apparatus.

The citizens kindly offered the use of rooms in some of the business blocks, which the Trustees accepted, and the school went

on with the regular recitation work, with an actual loss of less than two days. In the meantime a plan was proposed for a temporary school building, and in less than sixty days a building was completed containing fourteen rooms, and the normal school resumed its wonted duties in this, their temporary home.

The General Assembly, by an act approved June 27, 1885, appropriated \$152,065 to replace the first building, then lying in ruins.

The present building is a magnificent structure, in many respects superior to the one destroyed by fire.

There has been a substantial increase in the number of students from the first. From 53 students in the first special session, and 141 during the first term, the school has steadily grown until the spring term of the present year, 1890, when the schedule shows a total in attendance of 525. There have been admitted to the University, in all departments, 3,953 students.

The school has furnished its quota of teachers to this and other States, and the intelligent friends of education, recognizing the great benefit to the teaching forces of a Normal School Training, are making large demands for more of these trained teachers. More than two hundred of the students whose names appear in this Catalogue, had experience in teaching before entering school this year.

GENERAL INFORMATION.

THE OBJECT of the University is to do a part of the work of education undertaken by the State. This is provided for in the departments named below. One design of the Training School is to be an example of what a school for primary scholars should be, and to afford to those preparing themselves to teach a place where they may observe the best methods in operation, and where, at suitable times, they may practice the calling of a teacher under the eye of one well instructed and largely experienced in the work. This practice work and observation is receiving each year more attention with us, and is one of our most valuable advantages.

The Normal Department is to give thorough instruction in the elementary and higher portions of the school course of study, and, indeed, to fit the student by knowledge and discipline for the practical duty of a teacher. It aims to give, in addition to instruction, opportunities of observation and trial to every one passing through the course, so that he shall not be an entire novice in his calling when he enters the school room. With this idea in mind, every branch prescribed to be taught in the common and high schools of our State is carefully studied. Accuracy and complete thoroughness are points held in mind in every recitation, and drills upon the elements are made a specialty. Great attention is therefore bestowed upon the earlier parts of the course, such as spelling and pronunciation, reading and defining, drawing, writing, vocal music, and physical culture. The body needs culture and systematic activity quite as much as the soul, and we begin with making it the servant of the mind, and habituating it to an unhesitating obedience.

The course of study is planned to give information, to assist in self-control and discipline, and to promote culture and refinement. It is arranged in the order which ages have found most profitable and philosophical; and all experience has shown that the first qualifications of a teacher are knowledge and personal self-discipline. The study of methods or practice will go for little until the scientific education has been obtained. The earlier studies are elementary, and the later ones calculated for stimulating thought when it is growing to maturity and needs discipline in proper directions. It is most emphatically urged on all students that they make their arrangements to pursue each study in its order, to do thorough work in each, and not to overburden the mind and body, too, by a larger number of studies than they can carry. Four studies a day should be the extreme limit, and even then one should be a review of a branch already quite familiar.

Few things can be impressed upon the mind to more profit than rules like the following, and we earnestly request school officers, directors, and county superintendents to aid us, and the friends of sound, systematic education to reiterate the maxims: Be thoroughly grounded in the elements of knowledge, particularly spelling with readiness and correctness; adding and multiplying numbers in all possible combinations with electric speed and infallible accuracy; writing with dispatch and neatness a good hand, easily read; drawing any simple figure, and singing. These things well learned in theory, and wrought into practical habits, not only open the door to all fields of knowledge and art, but they do go a long way toward making easy the highest attainments in scholarship and the sweetest grace in all manners and behavior. This Normal University insists on them as both necessary and easy to be gained.

Our rules of government are few in number and very general in their application. They are embraced in the Golden Rule:

“DO TO OTHERS AS YOU WOULD THEY SHOULD DO TO YOU.”

It is expected, of course, that they include:

1. Neatness of person and dress.
2. Purity of words and behavior.
3. Cleanliness of desks, books, and rooms.

-
4. Courteous bearing to teachers and fellow students.
 5. Punctuality and promptness, not to the minute only, but to the second.
 6. Respect for all the rights of others in all things.
 7. Earnest devotion to work.
 8. Quietness in all movements.
 9. By all means be in school the first day and remain till the last day of every term.
 10. Obedience to the laws of love, good will, and duty.

If the spirit of these rules can be infused into the soul and wrought into the habits, each student will for himself grow in goodness and truth, and for the State he will be a power and a blessing.

SUGGESTIONS.

TO THOSE WHO DESIGN TO ATTEND OUR SCHOOL.

UNDERSTAND (1) how many of our studies you have mastered thoroughly, and come ready to be examined on them. Do not forget that one who is to teach should be more thorough than one who is intending to be merely a scholar.

2. Do not take the higher studies till you have passed the lower in our classes or by our examination. Elementary work always pays better in the end than any other. Finish this first; do not be discouraged because your elementary studies have not been thoroughly done; you can remedy all such deficiencies. Quite too many want to begin with the higher studies. Take an examination of the lower ones and find exactly how you stand in them, and then advance as rapidly as you please. It has been found by our experience of fifteen years that a large number of students come to school lacking in the arts of reading, spelling, and writing. Let these be taken as your first studies. We will pass you on, as soon as you have proved you are a master of the arts fundamental of all the practice of learning and teaching.

3. Always bring recommendations from the county superintendent or county judge, or some clergyman or justice of the peace.

4. Come determined to work every day, and to omit no duty; to give up every pleasure for the time, and to do nothing but school duties, and to do them without fail at the proper time. Give up dancing schools as most demoralizing to scholarly habits, and all dancing parties as leading to dissipation and often quarrelsomeness, as well as vice and worthlessness.

TO THOSE WHO SEND SCHOLARS TO SCHOOL.

We trust county superintendents will advise any who contemplate devoting themselves, for a time at least, to the work of teaching, to enter some of our departments—the Pedagogical certainly—and thus to associate themselves with the hundreds who have been with us, and are heartily engaged in elevating the calling of the teacher. It would be well to advise only such to attend as have an honest character and fair health, and good abilities to communicate knowledge. Any one who wants to teach simply because of the lighter and more agreeable labor and better pay, should be discouraged. But when one desires to be worthy, both in knowledge and character, to discharge the high duties of a teacher, and needs more science and better discipline, let him come and profit.

COURSES OF STUDY.

The Courses of Study, we repeat, have been arranged with two purposes in view—(1) to give a strictly Normal course of training to fit teachers for public schools, and (2) to give example of methods of teaching. They therefore go over the whole curriculum of school studies, and give especial attention to those branches which require the use of the observing and perceptive faculties, without neglecting those which demand the use of the imagination and reason. Practical attention is devoted to physics, chemistry, natural history, geography, numbers, and language, and the student is not only taught to know, but to do the work of the branches which he pursues. He is also required to give instruction in all that he learns, so that when he begins his life work he may not be wholly inexperienced in the very beginning of his career.

DIPLOMAS.

We certainly shall not grant diplomas to those who are absent very often, and do not finish every examination, both oral and written. One of the values of a course of study is that it represents years of honest, punctual labor, and a patient, systematic thinking.

DEPARTMENTS.

The School is graded with a course of study arranged into the following departments: A Normal Department with two courses of study, occupying four and three years respectively, and a Preparatory or Training Department consisting of a Grammar, an Intermediate, and a Primary School.

The entire course of study is embodied in the accompanying schedules and tables of studies and hours of recitations. Special attention is called to these, and students are earnestly advised to begin with the lower, and proceed to the higher. There is a natural order of succession of studies; and long and careful experiments have shown that this cannot be inverted without harm.

We ask all to study the syllabus of each department and mark its plan.

POST GRADUATE COURSE.

This will embrace a larger course of history, more of mathematics, political economy, criticism, field work in natural history, analytical chemistry, and dissecting and preserving specimens collected. It will also include a course of lectures on the above branches, and on the history and science of education.

NOTICE TO GRADUATES.

All graduates hereafter who are recommended by the Faculty and approved by the Board of Trustees are, by the Revised School Law, entitled to a State Certificate, granted by the State Superintendent of Public Instruction, good in any county in the State for five years.

CONDITIONS OF ADMISSION.

To be entitled to admission to the Normal Department, ladies must be sixteen years of age, and gentlemen seventeen. They must be of good moral character, and a certificate to that effect will be required. This may be from the county judge, or superin-

tendent, or any known clergyman. To enjoy the privilege of free tuition, they must sign the pledge given below. They are to pass an examination either before the county superintendent or examiners, or before the Faculty of the University, such as would entitle them to a second grade certificate, and they must agree to obey all reasonable requirements as to order, promptness, cleanliness, and good behavior.

THE PLEDGE.

I hereby pledge myself that, after completing my studies in this Southern Illinois Normal University, if a situation can be had with reasonable effort, I will teach in the public schools of this State three years, or at least as long as I have been instructed in it.

FACILITIES FOR ILLUSTRATION.

MUSEUM AND CABINET.

In the first story a large and well-lighted room is set apart as the Museum, and is supplied with elegant center and wall cases of best design and finish, for display of specimens.

The cabinets of minerals and rocks are large, varied, and amply sufficient for the practical work of the student. He will find the zoological and botanical cabinets, comprising thousands of specimens from land and sea, an invaluable aid in his studies in natural history.

The Normal respectfully solicits its friends and the friends of education to aid in building up a Museum worthy of Southern Illinois.

Specimens of minerals, insects, birds, animals, and plants; also Indian relics, such as stone axes and pipes, disks, spear and arrow heads, and pottery, will be thankfully received.

Specimens should be boxed carefully and sent by express, unless heavy, in which case they may be forwarded as freight.

The full name of the donor should not be omitted.

Already our friends have contributed many and valuable specimens to the Museum, and we embrace this occasion to return to them our sincere thanks. More than four thousand specimens have been collected and arranged in the Museum; and the additions to

the Library comprise nearly fifteen hundred volumes. Old books, pamphlets, maps, etc., curiosities, fossils, plants, and fruits will be gratefully received and carefully preserved.

ILLUSTRATIVE APPARATUS.

The University possesses a very complete set of physical and chemical apparatus which is annually increased by the appropriation of the General Assembly.

The above equipment includes, among other pieces of value, a Toepler-Holtz electrical machine, one of Ritchie & Son's best air-pumps with the necessary accessory attachments, a compound microscope of high power, a thermo-electric pile and galvanometer, Crooke's and Geissler tubes, an electrical rotator, a Ruhmkoff's induction coil, sciopticon, and views of scientific subjects.

The Chemical Department has an excellent laboratory supplied with water, gas, and a full set of re-agents.

The Astronomical Department has a telescope of sufficient power to show the rings of Saturn, the moons of Jupiter, double stars, etc., a Dr. Freeman Clarke astronomical lantern and cards for the study of the constellations, astronomical charts, etc.

The Mathematical Department has a surveyor's transit and a compass, which the classes in trigonometry and surveying are required to use constantly.

LIBRARY AND WORKS OF REFERENCE.

The University has a complete set of books of reference, encyclopedias, biographical and pronouncing dictionaries, gazetteers, atlases, etc., which are placed in the study hall, or in the several recitation rooms, so that the students may consult them at any time.

The Library proper occupies a spacious room; it is well furnished, and, in connection with the Reading Room, is open a large part of each school day for students. The Library contains over 9,000 volumes, over 2,000 pamphlets, and includes a professional library for teachers.

SPECIAL SUGGESTIONS.

We do earnestly and affectionately recommend to all our students, and to those who may be in charge of them, or who have influence over them in any way, by advice or authority, that they fix as a rule never to leave the institution before the end of the term, and, if possible, that they complete a full year. Fragments of an education are indeed of much worth, just as the fragments of a diamond are valuable. But how much more profitable are they when united! Do not be absent from school a day. The regular calisthenic exercise, or the military drill, will give you health for consecutive study, and by habitual application you will acquire facility for labor, and will accomplish more than you would have believed.

Every young lady should be provided with an umbrella, a water-proof cloak, low-heeled walking shoes of ample size, and good rubber overshoes. Young men also need umbrellas and overshoes.

LITERARY SOCIETIES.

The students have organized two Literary Societies for the purpose of mutual improvement. They are the ZETETIC SOCIETY and the SOCRATIC SOCIETY. They meet every Friday evening. These afford one of the best means of culture, discipline, and instruction in the practical conduct of business. They have commenced the foundations of libraries, and deserve the countenance and patronage of all students and their friends. They have elegant rooms, admirably fitted and furnished. They represent the energy of the students, and show their devotion to the practical preparation for the public duties of life.

CHRISTIAN ASSOCIATIONS.

The Young Men's Christian Association and the Young Women's Christian Association have each a large and well conducted society which meets weekly, and their committees look after strangers coming to the school, and students who may be sick while attending the school.

LOCATION, ETC.

Carbondale is a city of 3,000 inhabitants, healthful and beautiful, with a refined and cultured people. It is easy of access, and offers inducements for board and social advantages beyond most places. It has, perhaps, fewer temptations to idleness and dissipation, and combines religious and educational privileges in a degree greater than the average of towns and cities. Parents may be assured that their children will be as safe as in any school away from home, and scholars may come here and be certain that economy and industry will be respected and assisted by all. The Illinois Central, the Carbondale & Grand Tower, and the Cairo Short Line Railroads afford ample facilities for convenient access.

EXPENSES.

To those who sign the pledge to teach, tuition is gratuitous; but the law of the State requires that there shall be a fee charged for incidentals, at present not exceeding \$3 per term of fifteen weeks, and \$2 per term of twelve weeks. Tuition in Normal Department, \$9 and \$6; Preparatory Department—Grammar School, \$6 and \$4, and \$4 and \$3; and in the Intermediate and Primary Schools, \$4 and \$3.

Board can be had in good families in Carbondale, at rates varying from \$2.50 to \$3.50 per week; and by renting rooms and self-boarding, or by organizing clubs, the cost may be reduced to \$2.00 per week. Books are sold by the book stores at reasonable prices.

Successful clubs have been carried on during the year now closing, in which prices—including all expense—have ranged from \$2 to \$2.50 per week.

NORMAL DEPARTMENT.

I.—COURSES OF STUDY.

II.—TIME TABLE.

III.—SYLLABUS OF WORK.

ENGLISH AND LATIN COURSE.

	STUDIES.	NORMAL.											
		1st Year.			2d Year.			3d Year.			4th Year.		
		1	2	3	4	5	6	7	8	9	10	11	12
I	Psychology							†	†				
	Ethics									†			
	Pedagogy				†	†						†	†
	School Law									†			
	Practice Teaching							†	†				
II	Botany							†					
	Physics				†								
	Zoölogy					†							
	Physiology							†					
	Chemistry										†		
	Astronomy											†	
III	Geology												†
	Arithmetic	†	†										
	Algebra					†	†	†					
	Geometry								†	†			
IV	Book-keeping												†
	Reading and Phonics	†			†								
	Grammar				†								†
	Rhetoric								†				
	English Anal. and Comp'n.									†			
	English Literature											†	
V	Elocution											†	
	Spelling												†
	Geography	†	†									†	
VI	History				†	†							†
	Constitution U. S. and Ill.												†
VII	Penmanship			†									
	Drawing					†	†						†
VIII	Vocal Music	One term.											
	Physical Culture	Daily exercises.											
	Military Drill	Three times a week.											
VIII	Latin	†	†	†	†	†	†	†	†	†	†	†	†
	Greek												Optional.

The Roman numerals on the margin refer to departments, as in the Syllabus following. The † indicates the place of the study in the Course.

ENGLISH COURSE.

STUDIES.		NORMAL.								
		1st Year.			2d Year.			3d Year.		
		1	2	3	4	5	6	7	8	9
I...	Psychology				†	†				
	Ethics						†			
	Pedagogy	†	†					†	†	
	School Law									†
	Practice Teaching			†	†					
II..	Botany			†						
	Physics				†					
	Zöology					†				
	Physiology						†			
	Chemistry							†		
	Astronomy								†	
Geology									†	
III.	Arithmetic	†	†							
	Algebra				†	†	†			
	Geometry							†	†	
	Book-keeping								†	
IV..	Reading and Phonics	†		†						
	Grammar				†					†
	Rhetoric				†					
	English Analysis and Composition					†				
	English Literature							†		
	Elocution								†	
Spelling										
V...	Geography	†	†				†			
	History		†	†				†		
	Constitution U. S. and Illinois							†		
VI..	Penmanship		†							
	Drawing	†				†		†		
VII	Vocal Music	One term.								
	Physical Culture	Daily exercise.								
	Military Drill	Three times a week.								

The Roman numerals on the margin refer to departments, as in the Syllabus following.
 The † indicates the place of the study in the Course.

TIME TABLE.

FALL TERM.

1	I Latin	D Ped	Chem	B Gram*	A Phys*	Rhetoric.	A Geog*	B Arith.
2		B Psych						
3		A Ph'es.				Eng. Lit.		C Arith*
4	F Latin.	C Gram*	Gen. His.	B Geog.	B Draw*			Writing*
5	Lectures.	Military Drill, Physical and other General Exercises.						
6		B Geom.	A Hist*	B Read.	A Draw.	C Alg.		
7	C Latin.		B Hist*	A Read*	C Draw.			

WINTER TERM.

1	H Latin	C Ped	Astron'y	B Gram*	B Geog*	A Draw*	A Arith.	B'k-k'g.
2		A Psych						
3		B Ped	A Zoölo'y	B Read*			C Arith*	Writing.
4	E Latin.	Eng. Anal.	Elocuti'n	A Geog.	C Draw*			
5	Lectures.	Military Drill, Physical and other General Exercises.						
6		A Geom.	B Hist.	A Read*	B Draw.	B Alg.		
7	B Latin.	C Gram*	A Hist*			B Arith*		

SPRING TERM.

1	G Latin.	Geology	A Physiol	B Hist*	A Draw*	B'k-k'g.*		
2		Ethics	C Gram*	A Zoöl.*	A Read.	B Arith*		
3		A Ped.	A Bota'y.	B Read*	Ph. Geog.			Writing*
4	D Latin.	B Gram.		B Read*	A Geog*	C Draw*		
5	Lectures.	Military Drill, Physical and other General Exercises.						
6		Sch. Law	A Ph'cs*	A Hist.	B Geog*	B Draw*	A Alg.	
7	A Latin.	A Gram.	C'l Gov't.	V'l Music	B Geog*	B Draw*	A Arith*	

The classes marked * are irregular.

SYLLABUS OF WORK.

THIS SYLLABUS includes two Courses—the English, and the English and Latin. Let it be studied in connection with the Courses of Study and Time Table. The English and Latin Course is arranged so as to fill four years of three terms each—twelve terms in all. Each study is named below in this order.

GENERAL LECTURES ON PEDAGOGY, OBSERVATION, AND METHODS.

The first Course of Lectures was delivered during the years just closing. The number was seventeen in all, and a Course of ten will be delivered during the next year. These will be, chiefly, on the History of Education, including Educational Theories, and Lives and Characters of Men Distinguished in Educational Work in different ages and countries. They will, besides these topics, include themes such as the following: The value of the School as distinct from other educational agencies—the Family, the Church, the Press. What the people have a right to expect of the School, and what the School should demand from the people. What the people and the Directors should do for the School. How the teacher and the people may assist each other to make the School do all that can be rightfully expected of it.

Abstracts, Theses, and Reports are required.

I.—PSYCHOLOGY, ETHICS, AND PEDAGOGY.

PSYCHOLOGY.—*Sully's Teacher's Hand-book.*

SEVENTH TERM (B).—Chapters I—XV.

EIGHTH TERM (A).—Chapters XVI—XX.

ETHICS.—*Peabody's Moral Philosophy.*

NINTH TERM.—A study of action and of the springs that lead to it; the governing principles of action; the right; conscience—its office and its training; the sources of knowledge of the right; rights and obligations; motive, passion, and habit; the cardinal virtues; the different ethical systems.

PEDAGOGY.

FOURTH TERM (D).—Need of education; aim of the school; kinds of schools; the public school; Courses of Study for the common schools, with special study of the work in the primary grades; some general principles of education; observation and criticism of work in the Training School.

FIFTH TERM (C).—Brief study of the nature and powers of the child; the mental powers and the order of their development; importance of training the feelings and the will; the nature of education; right order in education; methods of training the different powers; the teacher's motives, preparation, and characteristics; school-house, furniture, and apparatus; school organization and management; purpose and management of the recitation; moral training in schools.—*Hewett's Pedagogy, and Lectures.*

ELEVENTH TERM (B).—Meaning and scope of education; three lines of educational development; lessons from a study of sensation, perception, conception, and attention; memory in education; cultivation of the imagination, judgment, and reason; the emotions in education; moral and religious training; motives and the training of the will; nature and uses of punishment.—*Landon, Sully, and Lectures.*

TWELFTH TERM (A).—Educational ideals, the efforts to realize them, and the effect they have had on individuals and nations.—*Painter's History of Education, and Lectures.*

TWELFTH TERM.—School law of Illinois; summary of school system of the State; the school funds; rights of parties to the school contract; school supervision; examinations; methods for ungraded schools.—*School Law, and Lectures.*

TEACHING.

Four terms of teaching in the Training School are required before graduation. This teaching is to be done at such times as the Superintendent of the Training Department may require, and will be carefully supervised. The teaching will usually be required at the times indicated in the Course of Study.

II.—PHYSICAL AND BIOLOGICAL SCIENCE.

PHYSICS.—*Avery.*

FOURTH TERM (A).—Definitions, properties, and states of matter; dynamics—force and motion, composition and resolution of forces, falling bodies, pendulum, energy, simple machines, laws of equilibrium, friction; hydrostatics—liquid equilibrium, capillarity, buoyancy, specific gravity; hydrokinetics—discharge of liquids through orifices, flow of rivers, water-wheels; pneumatics—atmospheric pressure. Mariotte's laws; barometer, air, force, and lifting pumps, siphon; acoustics—reflection and refraction of sound, sound waves, musical instruments; heat—temperature, thermometer, liquefaction, vaporization, distillation, latent and specific heat, diffusion of heat, thermo-dynamics; optics—velocity, reflection and refraction of light, chromatics, optical instruments, polarization; electricity—magnets, induction machines, condensers, voltaic battery, thermo-electricity, electric telegraph, telephone, electric units, etc.

The various subjects are thoroughly illustrated by practical experiments and problems.

ZOOLOGY.—*Tenney's Elements.*

FIFTH TERM (A).—What is an animal? general idea of the animal kingdom; basis of classification; the five branches or subkingdoms. Vertebrates, classes; mammals, illustrations and analy-

sis in studying the orders, preserving and caring for specimens; birds, groups or orders, illustrations and analyses, preservation of specimens; batrachians, illustrations, etc.; fishes, characters, illustrations, etc.; articulates, classes, insects as a class, the orders, analysis, methods of preservation and care of specimens, injurious and beneficial; arachnida, illustrations; crustaceans, illustrations; worms, orders; mollusca, classes—cephalopoda, gasteropoda, tunicata, brachiopoda, polyzoa, illustrations; radiates, classes—echinodermata, acalephia, polypi, illustrations; protozoans, classes or divisions.

BOTANY.—*Wood.*

SIXTH TERM (A).—The leaf—parts, venation, margin, base, apex, simple, compound; inflorescence—forms, aestivation; floral organs; floral envelopes, situation, kinds of perianths; essential organs; stamens, their parts; pistils, their parts; analysis of plants, with methods of preparing herbarium specimens, begun and continued through rest of term; fruit, dehiscent and indehiscent pericarps, kinds of fruits; seed, its coat, contents; germination, growth of phænogamous plants, study of root and stem; cryptogamous plants, their vegetative organs, reproductive organs, vegetable cells; vegetable tissues; structure of woody tissues and leaves; fertilization of phænogams, of cryptogams; plant action, absorption, circulation, transpiration, and respiration.

PHYSIOLOGY.—*Cutter.*

SIXTH TERM (A).—Physiology and anatomy defined; organic and inorganic bodies; cells, divisions of the human body; bones; structure, classification, condition necessary for healthy diet; digestion, the digestive organs and fluids, what each fluid acts upon; the alimentary canal compared with that of other animals; absorption, the lymphatics; respiration, the respiratory organs, ventilation; circulation, the heart and its accessories; composition of the blood, illustrated with the microscope and by dissection; temperature of the body, clothing, etc.; secretion; glands; the nervous system, the brain, cerebro-spinal nerves, the sympathetic system, functions of the brain; the senses, taste, smell, touch, vision, hearing, a study of the organs of each; the voice,

vocal organs; illustrations with skeleton, charts, models, and specimens through the whole course.

CHEMISTRY.—*Avery.*

TENTH TERM.—Chemical nomenclature, laws governing chemical combinations. Atomic weights, molecular weights, specific gravity and valency of each element. Stoichiometry; theory of acids, bases, and salts; grouping of elements; their discovery, occurrence, preparation, properties, and uses. Description of chemical operations, preparation of re-agents, deportment of bodies with re-agents; special tests for acids and salts.

ASTRONOMY.—*Newcomb and Holden.*

ELEVENTH TERM.—The relation of the earth to the heavens; motions of the earth; planetary motions; laws of motion and gravitation; motions and attractions of the moon; eclipses of sun and moon; celestial measurements; refraction and aberration of light; measures of time; formation of calendars; equation of time.

The solar system; sun, planets, asteroids, and comets.

The constellations; galaxy; variable and multiple stars; star clusters, and nebulae.

Astronomical instruments; spectroscope and polariscope.

GEOLOGY.—*LeConte.*

TWELFTH TERM.—Physiographic geology—general character of the earth's features; system in the earth's features; lithological geology—constitution of the rocks, kinds of rocks; condition, structure, and arrangement of rock masses, stratified, unstratified, and vein form; position of strata, dislocation, order of arrangement. Review of the animal and vegetable kingdoms. Historical geology—Azoic time or age; Paleozoic time—Lower Silurian, Upper Silurian; age of fishes or Devonian age; age of coal plants or Carboniferous age; Mesozoic time, Reptilian age; Cenozoic time; Mammalian age; Psychozoic time, age of man. Dynamic geology:—Life, agency of the atmosphere, agency of water, agency of heat. Illustrations on the subject through the term by cabinet specimens and by the study of the geological formation of Jackson county and vicinity.

MINERALOGY.—*Foye.*

The work in geology is supplemented by a short course in determinative mineralogy. Description of minerals, scales of hardness, and fusibility; specific gravity, solubility, blowpipe tests, streak, system of crystallization, luster, fracture, groups, etc.

III.—MATHEMATICS.

ARITHMETIC.—*Rickoff.*

——— TERM (C).—Simple interest, 6 per cent and 60-day methods; present worth; exact interest; common business method; bank discount; promissory note, essentials to its validity; original notes made, compared and discussed by class; partial payments; annual and compound interest; equation of payments; proportion; square root, illustrating each problem by diagram; cube root, illustrating by use of cubical blocks; mensuration; exchange, domestic and foreign; duties and customs; bonds.

FIRST TERM (B).—Common fractions; fractional units; comparison of fractional with integral numbers; reduction, addition, subtraction, multiplication, and division of fractional numbers. Decimal fractions; comparison of decimal with common fractions, with whole numbers; reduction of decimal to common and common to decimal fractions; addition, subtraction, multiplication, and division of decimals. Longitude and time; denominate numbers, practical measurements. Percentage to interest. Solution of textbook examples, and original problems with discussion of best methods of teaching throughout the term.

SECOND TERM (A).—Simple interest, solution by different methods, discussion, comparison of methods, present worth, exact interest, business method; bank discount, discussion, comparison with true and business discount; promissory note, essentials to its validity, original notes made by members of the class; partial payments; annual and compound interest; equation of payments; proportion; square root, illustrating each problem by diagram; cube root, illustrating by use of blocks; mensuration; exchange, domestic and foreign; duties and customs; bonds. Daily discussion of best methods; original problems. Review fundamental rules with careful discussion of methods in teaching.

ALGEBRA.—*Wentworth's Complete.*

FOURTH TERM (C).—Literal notation and its application to addition, subtraction, multiplication, and division of integral and fractional quantities, and to factors, divisors, and multiples; simple equations; indeterminate equations; inequalities, involution, and evolution; theory of exponents.

FIFTH TERM (B).—Radical quantities; quadratic equations; discussion of problems; higher equations; simultaneous equations.

SIXTH TERM (A).—Proportion; permutation and combination; binomial theorem; identical equations; series; logarithms; compound interest and annuities.

GEOMETRY.—*Wentworth.*

SEVENTH TERM (B).—Straight lines and angles; circumferences; triangles; quadrilaterals; general properties of polygons; circles; problems.

EIGHTH TERM (A).—Lines and planes, solid angles, polyhedrons, spherical polygons; cylinder, cone, and sphere; problems.

BOOK-KEEPING.—*Eastman's Theory Guide.*

ELEVENTH TERM.—Definitions; books used; principles of journalization; posting; trial balance, balance sheet, inventories of resources and liabilities; closing ledger; statements; notes drafts, checks, and names of persons connected therewith; interest, discount, exchange. Partnership, commission, consignment, shipment, accounts sales, administrator's books, etc.

IV.—ENGLISH LANGUAGE AND LITERATURE.

READING.—*New Franklin Fifth Reader.*

FIRST TERM (B).—Elements of speech, with phonic spelling, orthography, articulation, syllabication, accent, emphasis, slur, inflection, pause; management of breath, management of the body; classes of ideas; organs and breathing, voice and speech, voice building, cultivation of voice and manner of utterance; physical culture combined with vocal culture.

THIRD TERM (A).—Methods of teaching beginners; word, phonic, and alphabetic methods considered; faults in teaching beginners pointed out; apparatus to be used in class teaching; qualifications of a good teacher; methods of teaching advanced pupils discussed; thought analysis, classification; pronunciation; diacritical work considered; special attention given to biography of authors, and elements of English literature.

GRAMMAR.—*Harvey.*

——— TERM (C).—Elements of sentence; of what each may consist and what errors likely to occur; complex sentence; abridging complex sentences; compound sentence; parsing and analysis; composition.

THIRD TERM (B).—Rules of syntax; false syntax; peculiar use; capitalization; punctuation; figures of syntax; composition.

TWELFTH TERM (A).—What are the practical points in the study of grammar; how to teach these points; how to induce pupils to put them into practice; which can be taught the younger pupils; punctuation (Bigelow's); composition suited to the different grades; methods of teaching; points of difference in methods.

RHETORIC.—*Raub.*

SEVENTH TERM.—Punctuation thoroughly taught, using Raub as the text-book. Special attention given to all the various forms of letter-writing. English composition practically taught throughout the term. Invention, style of discourse, including purity and propriety of diction, unity, strength, and harmony; figures of speech; elements of the beautiful and the sublime in thought.

This work is supplemented by essays, themes, orations, and discussions.

ENGLISH ANALYSIS.—*Greene.*

EIGHTH TERM.—Principles of language; paragraphing and composition; powers of words; synonyms; idioms; abridging propositions; skeletons for essays; grammatical, rhetorical, and logical analysis.

ENGLISH LITERATURE.—*Raub.*

TENTH TERM.—First ten weeks given to English literature; recitation of text, and readings by teacher and pupils from Chau-

cer, Spenser, Shakespeare, Milton, Bacon, Dryden, Goldsmith, Johnson, Dickens, and others. The remaining five weeks is devoted to American literature; recitation of text; readings by teacher and pupils from Bryant, Longfellow, Whittier, Holmes, Irving, Emerson, Hawthorne, and others. The work during the term is supplemented by essays on authors and their works, book-reviews of Shakespeare's plays, and criticisms in style.

ELOCUTION.—*Hamill.*

ELEVENTH TERM.—Review of the elements of speech, with vocal culture; expression considered; agencies of delivery, voice and action; forms of voice; attributes of voice—quality, force, stress, pitch, time, etc.; exercise in breathing; organs of breathing, voice and speech illustrated by casts; action; cultivation of manner; class drills in gesture, attitude, and facial expression; sources of power in delivery; style of orators; methods of instruction.

SPELLING, WORD ANALYSIS, AND DEFINITION.

CLASS E.—Lessons on objects, names, and qualities: Webster's system of diacritical marks, with some additions.

CLASS D.—Review of preceding lessons; list of words commonly used in connection with the same object; syllabication; rules for spelling; rules for capitalization; giving definitions and making sentences.

CLASS C.—Review preceding lessons; words containing silent letters; words pronounced alike, but different in meaning; diphthongs *ei* and *ie*.

CLASS B.—Review preceding lessons; terms in grammar; terms in arithmetic; terms in geography; terms in reading; terms in natural sciences; abbreviation of titles; business terms, etc.; irregular plurals; making paragraphs.

CLASS A.—Review of rules for spelling and capitalization; constant practice in the use of the diacritical marks; drill on the sounds of the letters; provincialisms and common errors in pronunciation noted.

V.—GEOGRAPHY AND HISTORY.

MODERN GEOGRAPHY.—*Eclectic Complete.*

FIRST TERM (B).—Definition of geographical terms; mathematical geography, circles of situations, zones, latitude, longitude, etc.; winds, ocean currents, climate, etc.; North America, position, contour, drainage, etc.; map drawing; political North America, map drawing; special study of Illinois; South America with map drawing.

SECOND TERM (A).—Europe and Asia with map drawing; Africa, Australia, and Pacific islands; chief commercial routes of the world. Methods in teaching direction, distance, form; idea of scale developed, map of township, county, State; the earth as a whole, motions, form, etc.; definitions, how they should be taught; plan of teaching a continent, North America as a type, outline schemes for different steps. Different methods in teaching map drawing.

HISTORY OF THE UNITED STATES.—*Johnston.*

SECOND TERM (B).—Early discoveries — Spanish, English, French, Dutch. Explorations and attempts at colonization; motives and character of settlers; growth in ideas of popular liberty; religious toleration; inter-colonial wars; revolution; Articles of Confederation and their defects; adoption of the Constitution and principles of our government; study of administrations; admission of States; acquisition of territory and conditions; foreign wars; management of Indians; tariff; bank of the United States, and Sub-treasury Bill; Omnibus Bill.

THIRD TERM (A).—Kansas-Nebraska Bill and its effects; political parties of U. S., principles, changes of name, and organization; civil war; reconstruction; period since civil war, important legislation, progress. Method in U. S. History; reasons for studying U. S. History in public schools; oral and text-book work for young pupils; methods of teaching history in higher grades; principles of Constitution of U. S. to be introduced with the study of U. S. History.

PHYSICAL GEOGRAPHY.—*Guyot.*

NINTH TERM.—Earth's position in the Universe; surface measurement, etc.; evidences of internal heat; the lands, arrangement, outline, relief; islands, position, formation; waters, continental and oceanic; drainage of continents; ocean, oceanic movements; atmosphere; physical and astronomical climate; the winds, vapor in the atmosphere, laws of rainfall, glaciers, life upon the earth; distribution of plants; distribution of animals.

CIVIL GOVERNMENT.—*Thorpe.*

NINTH TERM.—The foundations of government; stages of society; classes of human rights; political rights in England, and in the American colonies; local government; the people in politics; duties and privileges of the citizen. Analysis of the Constitution of the U. S. Constitution and laws of Illinois.

GENERAL HISTORY.—*Swinton's Outlines.*

TENTH TERM.—The origin of civilization; Oriental nations; Greece; Rome; Middle Ages; The Crusades; Feudal System; Growth of the temporal power of the Pope; The Reformation; Mediæval language and literature; The Thirty Years' War. Modern European politics.

VI.—PENMANSHIP AND FREE-HAND DRAWING.

PENMANSHIP.

SECOND TERM.—Position; movement exercises; elements of letters; copy-writing; blackboard practice.

Throughout the term there are talks on the value of writing and suggestions on teaching.

The object is to form a handwriting at once rapid, legible, and compact, and frequent practice is our chief dependence. Muscular movement required.

DRAWING.—*Prang's Books of Art Education.*

FOURTH TERM (C).—Books 1-6, with Manuals. Free-hand drawing; manner of holding pencil; drawing of straight and

curved lines; plane geometric figures and their construction; value of the study of drawing; principles of Construction, Representation, and Decoration, the three divisions of Art Education.

FIFTH TERM (B).—Books 7-9. Free-hand and instrumental drawing. Practice in Construction drawing with the use of geometric problems; practice in model and object drawing; drawing of leaf and natural forms, conventionalizing and using them in decoration and applied design.

TENTH TERM (A).—Light and shade; drawing from models, objects, and casts, and shading with crayon. Blackboard work as useful to the teacher in the illustration of various studies.

Copying of engraved pictures and heads is encouraged after the regular graded work has been taken.

VII.—PHYSICAL EXERCISE AND VOCAL MUSIC.

VOCAL MUSIC.

Attitude, management of breath, rote singing, classification of voices, scales and intervals, musical accents and varieties of measure, melody, harmony, musical notation, staff, bars, measures, clefs, musical fraction, etc.; keys and signatures; articulation, phrasing, musical expression, exercises in writing music. Vocal music is practiced and taught so as to give the student a good knowledge of the art and practice of singing, so that he can conduct the music of a school and inspire the scholar to cultivate and love this refining and ennobling duty of the sweet voice.

PHYSICAL CULTURE.

This is to give grace and symmetry to the frame, and volume and culture to the voice. Daily exercises in movement of limbs and body are conducted in the main hall of the University. The System used by the instructor in all drill work is that of Dr. D. A. Sargent, teacher of physical culture in Harvard College. Seat gymnastics; free arm movements; head and body exercises; leg and foot movements; drills in the use of the dumb-bells; wand

exercises; correct attitude in all movements; marching. All exercises are regulated by the music of the piano.

The aim of these exercises is to impart grace and ease of body whether it is at rest or in motion. That our aim may be realized, the young ladies should have their dress with skirts as light as possible and blouse waists, so as to give freedom of movement to the arms, that they may be easily raised vertically from the shoulders. Society dresses cannot be used profitably in these exercises.

VIII.—LATIN AND GREEK.

LATIN COURSE.

LATIN ELEMENTS.—*Harkness, and Ahn.*

FIRST TERM (I).—Division and combination of letters; English method of pronunciation; classification of words and their properties; nouns and declensions; adjectives and adjuncts; Latin pronouns and their relation to other words; frequent inter-language translations, giving formation and derivation and analysis of English words.

LATIN ELEMENTS (*Continued*).

SECOND TERM (H).—Conjugation of Latin verbs; voice; modes—finite and infinite; tenses, characteristics of conjugations; reviews—oral and written; fundamental rules; daily translation from Latin into English and from English into Latin; parsing and analyzing, giving rules for construction.

LATIN READER.—*Harkness' Grammar and Reader.*

THIRD TERM (G).—Review of all verbs; syntax of sentences; parsing; etymology of words; daily translation of fables and anecdotes; early Roman history; Italian and Roman kings; Rome founded; war of the Sabines; Roman struggles and conquests; consuls; Punic wars; Roman triumphs; civil dissensions. Daily use of grammar with reader.

CÆSAR DE BELLO GALLICO.—*Harkness, and Harper.*

FOURTH TERM (F).—Life and character of Cæsar; general description of Gaul; war with the Helvetii; conspiracy and fate

of Orgetorix; Cæsar's speech to the Helvetian legate; war with Ariovistus, the leader of the Germans. Constant use of grammar and parsing.

CÆSAR DE BELLO GALLICO (*Continued.*)

FIFTH TERM (E).—War with the Germans, accounts of early nations; German mode of warfare; final result; war with the Belgæ; bridge over the Rhine and crossing into Germany; invasion of Britain; review of the grammar with regard to the rules for construction. The style of Cæsar.

C. SALLUSTII BELLUM CATILINARUM.—*Harkness, and Harper.*

SIXTH TERM (D).—Account of Sallust; Lucius Catiline—his character, conspiracy, and confederates; time, circumstances, and cause of conspiracy; fate of allies and Catiline; views of Cato, Cæsar, and others; results upon the Roman government; frequent written translations; daily exercises in grammar, giving rules for construction; written and oral examinations. Style of Sallust.

P. VIRGILII MARONIS ÆNEIS.—*Frieze, and Harper.*

SEVENTH TERM (C).—History of Virgil; hero of the poem; causes of the Trojan war; overthrow of Troy; mythology of the dei majores and dei minores; early history of Carthage; accounts of Dardanus, Anchises, Achates, Dido, Priam, Hector, Achilles, and others; journeyings of Æneas and his companions, and final arrival in Italy; poetic meter; parsing and syntax of sentences; written examinations. The excellencies and defects of Virgil's style, etc.

CICERO IN CATILINAM.—*Allen and Greenough.*

EIGHTH TERM (B).—Outline of life and character of Cicero; birth and character of Catiline; the Catilinian conspiracy; the allies; origin and cause of conspiracy; fate of Catiline and leaders. Both literal and liberal translations; daily reference to analytical and synthetical constructions of sentences; the style of Cicero.

TACITUS DE GERMANIA.—*Anthon.*

NINTH TERM (A).—Life and writings of Tacitus; his style; situation of Germany; manners and customs of the early inhabitants; characteristics of the race; mode of living; description of the country; tribes of German origin; cavalry, infantry, and

modes of warfare; free, smooth, and polished translation required; written and oral examinations. Tacitus as a historian.

GREEK COURSE.

GREEK RUDIMENTS.—*Harkness.*

CLASS F.—Greek characters; classification of letters into vowels and consonants; diphthongs; sounds; declension of articles, nouns, adjectives, and pronouns; etymology of words; short exercises in translation from Greek into English and English into Greek, and parsing; written examinations.

GREEK RUDIMENTS (*Continued*).

CLASS E.—Conjugation of verbs; active, middle, and passive voices, with other properties of words; syllabic and temporal augmentations; reduplications; euphonic changes; daily translations from Greek into English and from English into Greek; frequent reviews; etymology and parsing; written examinations.

GREEK RUDIMENTS (*Continued*).

CLASS D.—Mute, liquid, and contract verbs finished; verbs in second conjugation; irregular verbs; particles, syntax, and classification of sentences; rules for construction; translating Greek fables, jests, anecdotes, legends, and mythology; thorough review of grammar; Anabasis begun; written and oral examinations.

XENOPHON'S ANABASIS.—*Goodwin's Anabasis and Grammar.*

CLASS C.—Character of Xenophon; History of Darius, Artaxerxes, and Cyrus; outline of the Anabasis; account of the march of the Ten Thousand; modes of early Grecian warfare; the Cilian Queen; arrival in Babylonia; battle of Cunaxa; death of Cyrus; thorough review of Greek grammar, and constant attention to parsing; written examinations.

MEMORABILIA OF SOCRATES.—*Robbins or Anthon.*

CLASS B.—History of Socrates; charges against him; his innocence; his "Daimon"; Socrates' views of the value of friends and friendship; apothegms upon the rusticity of conduct; remedy for the loss of appetite; dissertation upon the manner of eating and mode of life, etc.; reference daily to the analysis and synthe-

sis of sentences, in accordance with the rules of grammar; written examinations.

HOMER'S ILIAD.—*Seymour, and Antenreith's Homeric Dictionary.*

CLASS A.—Trojan war; fall of Troy; the Greeks; the Troad; captive maids; war between Achilles and Agamemnon; Grecian mythology; priests; greater and lesser gods; death of Hector; time, persons, and places considered; style of Homer; dialectic differences and ancient forms.

PREPARATORY (TRAINING) DE-
PARTMENT.

I.—GRAMMAR SCHOOL.

II.—INTERMEDIATE SCHOOL.

III.—PRIMARY SCHOOL.

PREPARATORY DEPARTMENT.

THE EIGHT grades of the Primary, Intermediate, and Grammar Schools, corresponding to the first eight years of the public schools, constitute the Preparatory Department of the University; and pupils whose scholarship is not sufficient for admission to the Normal School can find such work as they need in one of these lower schools. The pupils of the Normal School do the required teaching by taking charge of classes in this Department, their work in this line having the careful supervision of the Training teachers. The Preparatory Department is the Training Department of the University.

The studies of this Department and the order in which they are taken, are shown below.

GRAMMAR SCHOOL.

The work of this school is arranged to fit pupils who have completed the Intermediate School studies for the Normal Department. This is also a general preparatory school for all who need to give special attention to one or more branches before admission to the Normal classes. Classes in writing and drawing are formed each term.

Special attention is called to the elementary classes in the science studies required for a first-grade certificate, as physiology, natural philosophy, botany, and zoology. A class in elementary algebra will commonly be formed each Spring term for the benefit of those who have been teaching in the winter.

TIME TABLE.

SEVENTH GRADE.

FALL TERM.	WINTER TERM.	SPRING TERM.
1. E Geography.	D Geography.	C Geography.
2. E Reading.	D Reading.	B Botany.
3. Writing and Drawing.	Writing and Drawing.	Writing and Drawing.
4. H Arithmetic.	G Arithmetic.	F Arithmetic.
5.	Vocal Music and General Exercises.	
6. D Language.	C Language.	B Language.

EIGHTH GRADE.

1. E Arithmetic.	D Arithmetic.	C Reading.
2. B Physiology.	B Zoology.	B Physics.
3. Writing and Drawing.	Writing and Drawing.	Writing and Drawing.
4. E History.	D History.	C History.
5.	Vocal Music and General Exercises.	
6. A Language.	E Grammar.	D Grammar.
7. E Algebra.*	D Algebra.*	
* Optional.		

SEVENTH GRADE.

ARITHMETIC.—*Rickoff.*

FALL TERM (H).—Review of fundamental rules; Unites States money; factors and divisors; addition, subtraction, and multiplication of common fractions. *To page 155.*

WINTER TERM (G).—Division of common fractions; complex fractions; decimal fractions; bills. *Pages 155-200.*

SPRING TERM (F).—Measures; simple and compound denominate numbers, longitude and time; practical applications. *Pages 200-248.*

READING.—*Swinton's Fifth Reader.*

FALL TERM (E).—Vocal exercises; phonic analysis; pronunciation; meaning of words; thought of sentence; study of how to read; correct position; practice reading; memorizing of easy recitations.

WINTER TERM (D).—Vocal and phonic exercises and study of words continued; pitch, tone, etc.; analysis of lessons with a view of bringing out thoughts of author; transposition of thought into other words; outlines and abstracts of lessons; memorizing of selections; supplementary reading; practice in sight reading.

LANGUAGE.—*Knox-Heath's Part Second.*

FALL TERM (D).—The sentence; how used; kinds; the parts of speech; dictation exercises. *Pages 1-96.*

WINTER TERM (C).—Meanings and kinds; inflection to conjugation; capitalizing; dictation exercises; simple forms of composition; vocabulary lessons. *Pages 96-187.*

SPRING TERM (B).—Conjugation; verb phrases; participles; how to use the parts of speech; criticism of incorrect sentences; composition; vocabulary lessons; easy paraphrasing. *Pages 187-284.*

GEOGRAPHY.—*Eclectic Complete.*

FALL TERM (E).—Position, form, direction, distance, township, county, State; the earth as a whole, shape, motions, etc.; elementary definitions; latitude and longitude; North America, position, contour, relief, drainage, etc.; map drawing.

WINTER TERM (D).—Political North America, map drawing of the different divisions; special study of Illinois; South America, physical and political divisions, with map drawing.

SPRING TERM (C).—Europe and Asia, with map-drawing; also Africa, Australia, and Pacific islands.

BOTANY.—*Gray's How Plants Grow.*

SPRING TERM (B).—Leaf—parts, character, kinds; illustrations and analyses of leaves; plant—parts, their uses and subdivisions; germination; flowers—kinds, parts, uses; analyses of flowers.

EIGHTH GRADE.

ARITHMETIC.—*Rickoff.*

FALL TERM (E).—Practical measurements—lumber, masonry, flooring, plastering, painting, paper-hanging, carpeting, paving,

bins, tanks, cisterns. Percentage; trade discount; insurance, commission and brokerage; stocks; taxes. *Pages 262-301.*

WINTER TERM (D).—Interest; bank discount; promissory note; partial payments; annual interest; compound interest; equation of payments; proportion—simple and compound.

READING.

SPRING TERM (C).—Supplementary reading; elementary course in literature.

LANGUAGE.—*Knox-Heath's Part Second.*

FALL TERM (A).—How adjectives are used; phrasing; paraphrasing; composition; elements of a sentence; rules for spelling. *Pages 284-396.*

GRAMMAR.—*Harvey.*

WINTER TERM (E).—Rules for capitals; parts of speech and their properties; parsing; drill in correct use of pronouns; auxiliary verbs. *Pages 1-88.*

SPRING TERM (D).—Parsing; drill in correct use of verbs; conjugation; principal parts of irregular verbs; simple sentences; elements; phrases; use of synonyms. *Pages 88-165.*

U. S. HISTORY.—*Barnes.*

FALL TERM (E).—Discoveries, explorations, and claims to territory in the new world by European nations; colonization, character, and motives of early settlers, their hardships; Indians, their habits and relations with colonists; colonial forms of government, charter, royal, proprietary; slavery in the colonies; religious freedom; education; British oppression; inter-colonial wars. Revolutionary war and its results; Constitution of United States and departments of government.

WINTER TERM (D).—Early administrations; principles of government, admission of states; increase in area and population; inventions and progress; foreign wars: political parties and principles; Monroe Doctrine; protective tariff; financial panic of 1837; gold in California.

SPRING TERM (C).—Causes of civil war; events of civil war; credit of the U. S., and National banking system; political and

military leaders; return of seceded states; settlement of difficulties with England; France in Mexico; important treaties and recent acts of legislation.

PHYSIOLOGY.—*Stowell's A Healthy Body.*

FALL TERM (B).—Alcohol; fermented liquors; distillation cells; the bones; the skeleton and the joints; hygiene of the bones; the muscles; exercise; our foods; cooking; digestion; digestion in the stomach; digestion in the intestines; alcohol, tobacco, opium, and the digestive organs; absorption; the blood; circulation; the effects of alcohol and tobacco on the heart and the circulation; respiration; ventilation; sleep; the kidneys; the skin; temperature of the body; the nervous system; alcohol, tobacco, opium, and the nervous system; the sense of sight; the sense of taste; the senses of smell and touch; the senses of temperature, weight, and hearing; opium, tea, coffee, and tobacco; alcohol and long life; what the authorities say; before the doctor comes.

ZOOLOGY.—*Tenney's Natural History of Animals.*

WINTER TERM (B).—A general idea of animals; vertebrates; classes; orders of mammals; birds and their orders, illustrated by specimens and analytical work; reptiles and their orders, illustrated; batrachians and their orders illustrated; fishes and their orders to a limited extent, illustrated; articulates; classes; insects with illustrations; crustaceans; mollusks; a partial study of the higher classes with illustrations; radiates; a partial study of the classes, with illustrations.

PHYSICS.—*Gage's Introduction.*

WINTER TERM (B).—Matter, energy, motion, and force; attraction of gravitation, molecular forces. Dynamics of fluids—transmission of pressure, barometer, compressibility and elasticity of gases, buoyancy of fluids, density, and specific gravity. General dynamics—momentum, laws of motion, composition, and resolution of forces, center of gravity, falling bodies, curvilinear motion, pendulum; work and energy, mechanic and static laws. Heat—sources, temperature, thermometers, effects of heat, latent and specific heat, thermo-dynamics, steam engine. Electricity

and magnetism—batteries, currents, conductors, galvanometer, induction, electric light and electric bells, telegraphy and telephony. Sound—vibrations, velocity of sound, reflection, intensity, re-enforcement and interference, pitch, quality and force, overtones, musical instruments, laws of vibrating cords, phonograph. Light—sources, velocity, photometry, reflection and refraction with laws, prisms, lenses, mirrors, images, color, optical instruments.

INTERMEDIATE SCHOOL.

READING.

FOURTH YEAR.—Appleton's Third Reader completed; Harper's Third Reader; supplementary reading, Johonnot's Third Book, Neighbors with Wings and Fins, and Some Others; use of the Dictionary begun.

FIFTH YEAR.—Appleton's Fourth Reader; use of books of reference begun; definitions and synonyms required to a limited extent; supplementary reading, Johonnot's Intermediate Book, Some Curious Flyers, Creepers, and Swimmers.

SIXTH YEAR.—Supplementary reading—Johonnot's Fourth Book, Neighbors With Claws and Hoofs, and Their Kin; Lamb's Tales from Shakespeare, etc.

ARITHMETIC.

White's Elementary Arithmetic is taken up at the beginning of the Fourth Year (First Year Intermediate), and is the basis of instruction in this branch through the three years of this school.

LANGUAGE.

FOURTH YEAR.—Dictation and letter writing continued; form of business letter taught; compositions, not exceeding four paragraphs, based on knowledge gained by reading, with a teacher, J. McNair Wright's Nature Readers, Sea-side and Way-side, Nos. 1 and 2; selections of poetry memorized.

FIFTH YEAR.—Knox-Heath's Elementary Lessons in English, Part First.

SIXTH YEAR.—Review, and application of work of Fifth Year to the study of selections from Irving, Longfellow, Whittier, Hawthorne, Holmes, etc.

WRITING.

FOURTH YEAR.—Word and sentences continued; constant attention given to position and movement. Knowledge acquired applied to all written exercises.

FIFTH YEAR.—Work of previous year continued.

SIXTH YEAR.—Knowledge acquired applied to copying choice selections of poetry and prose.

DRAWING.

FOURTH YEAR.—The second six solids—ellipsoid, ovoid, equilateral triangular prism, cone, pyramid, and vase form. Applied as in the previous year. (*See third year, Primary.*)

FIFTH YEAR.—Text-book of Art Education No. I, and half of No. II.

SIXTH YEAR.—Complete Text-book of Art Education No. II, and No. III.

MUSIC.

Note and rote singing throughout the school. Daily practice from the Modulator, and from a First Music Reader.

GEOGRAPHY AND HISTORY.

The Eclectic Elementary Geography is begun with the Fourth Year (First Year Intermediate), and continued through the Fifth Year, with supplementary reading.

During the Sixth year Eggleston's Primary History of the United States is studied, with special reference to the manners and habits of the people, the character of individuals, the moral lessons to be gained, and the acquisition of stories for use in language lessons.

NATURAL SCIENCE.

FOURTH AND FIFTH YEARS.—During these years natural science is taught in connection with reading, language, and drawing,

and includes the study of leaves, plants, flowers, fruits, animals, and the human body.

SIXTH YEAR.—Hooker's Child's Book of Nature.

FALL TERM.—Part II. Animals.

WINTER TERM.—Part III. Air, Water, Heat, Light, etc.

SPRING TERM.—Part I. Plants.

PRIMARY SCHOOL.

The Course of Study for the Primary School covers the first three years of the child's attendance on school. The paragraphs following indicate in general terms the work of this School.

SENSE TRAINING.

The training of the senses is made introductory to instruction in reading, and also forms the basis for oral instruction in number and language.

READING.

FIRST YEAR.—For six weeks or more, words in script, the words learned to be reproduced on slate or blackboard; Appleton's First Reader begun and completed; Harper's First Reader completed; the easier phonic elements of words learned, commencing with the consonant sounds, then taking the short vowel sounds, and ending with the long vowel sounds.

SECOND YEAR.—An advanced First Reader; Appleton's Second Reader; phonic elements of all words used in lessons; syllabication and accent of all words learned; supplementary reading, Jhonnot's Natural History Series, First Book, Cats and Dogs.

THIRD YEAR.—Harper's Second Reader; first half of Appleton's Third Reader; supplementary Reading—Jhonnot's Natural History Series, Second Book, Friends in Feathers and Fur; Ruskin's King of the Golden River, etc.

NUMBER.

The work in Number is based on Rickoff's Numbers illustrated. Balls, blocks, straws, etc., and Number Charts are in constant use throughout the three years.

LANGUAGE AND LITERATURE.

FIRST YEAR.—Oral instruction by means of familiar conversations on animals, plants, and common things, with constant attention to correct expression. Children trained to see and to express their thoughts in stories, also to re-tell stories; three forms of sentences and two uses of capitals taught by means of dictation exercises; some easy and pleasing selections of poetry memorized.

SECOND YEAR.—Stories told from pictures (Prang's Natural History Series, Trades and Occupations, etc.); descriptions of objects presented; lessons on the human body and on domestic animals; dictation exercises to teach correct forms of paragraphing, punctuation, and use of capitals; written work based on knowledge gained from the reading work of the corresponding grade, in the form of short sentences; some easy and pleasing selections of poetry memorized.

THIRD YEAR.—Oral and written reproduction of stories read by the teacher; dictation exercises to teach more fully paragraphing, punctuation, etc.; compositions, not exceeding three paragraphs, based on knowledge gained from the reading of the corresponding grade; some selections of poetry memorized; form of a friendly letter taught.

WRITING.

FIRST YEAR.—Words copied as wholes on slate or blackboard in connection with the reading and the language lessons; after the first term typical words practiced under the direction of a teacher. Correct pencil holding and position attempted from the first.

SECOND YEAR.—With lead pencil under the direction of a teacher. Drill on the small letters, with special reference to the joining of letters; capitals begun.

THIRD YEAR.—Use of pen begun; small letters reviewed, and capitals completed and reviewed; short sentences; movement exercises daily.

DRAWING.

FIRST YEAR.—Outline work beginning with the second term; simple lessons in form and color; tablet and stick laying.

SECOND YEAR.—Lessons in form and color; tablet and stick laying, paper cutting and folding; modeling in clay.

THIRD YEAR.—The first six solids—sphere, cube, cylinder, hemisphere, square prism, and triangular prism. Deriving ideas of form from seeing and handling geometric solids and familiar objects based on them; ideas of form developed by clay modeling, and stick and tablet laying; ideas of form expressed by drawing on slates and blackboard, by language, and by making objects in paper and clay.

MUSIC.

New First Series of Charts of the National Music Course, the Modulator, and the corresponding part of a New First Reader.

GEOGRAPHY.

In the first two years oral instruction is given preparatory to local geography.

THIRD YEAR.—Oral lessons on school room and surroundings, home town and neighboring towns, township, county and adjacent counties, and State.

NATURAL SCIENCE.

During the first three years natural science is taught in connection with language, and includes principally the study of domestic animals and familiar plants.

ADDENDUM.

Students of the school who desire it will be instructed in Short-hand and Type-writing by competent teachers.

MILITARY DEPARTMENT.

MILITARY.

DOUGLAS CORPS OF CADETS.

G. V. BUCHANAN, COMMANDING.

THOSE male pupils over 15 years of age, who may so desire, are formed into a Cadet Battalion for the purpose of military drill and exercise. The drill is for three-fourths of an hour, three days each week, and in no way interferes with school duties. The United States Government has furnished, for the use of the Cadets, 100 Springfield cadet rifles, two 3-inch rifled cannon, and 100 cavalry sabres, at no cost whatever to the State or to the Institution.

The Cadet uniform is similar to that of the Grand Army of the Republic, with the exception that the buttons are those of the State troops. The cap is of blue cloth, shoulder straps, and other insignia of rank same as for infantry service U. S. Army. A full suit can be bought in Carbondale at from \$12.00 to \$20.00, according to quality. The advantage of this choice of uniform is that it is cheap, can be purchased anywhere, and if a Cadet remains at the University only one term, at the end of that time, by a change of buttons, he has a simple civilian's suit that can be worn without being in the least conspicuous. No better suit than this can be obtained for school wear, and it is earnestly recommended that all who come to school with the intention of becoming Cadets provide themselves with it either before or after their arrival.

The corps is divided into a number of companies suitable to its size. The officers receive commissions, and the non-commissioned officers warrants, from the Commandant.

It is the desire of the Faculty and Board of Trustees that all the male pupils of the proper age join the Military Department. The value of the drill in developing an erect and gentlemanly carriage, and in counteracting the stooping effect produced by bending over the desk in the act of study, is very great. It gives to the Cadets three-fourths of an hour, three days each week, in the open air as a relief from the study hall, and, in addition, gives them a knowledge of military matters that in case of war, or domestic violence, or insurrection, would be of great value to themselves and to their country.

The time available for instruction in this Department is necessarily limited, and varies considerably with the weather and circumstances. The courses have been planned to suit these conditions and embody what, for want of a better general distinction, may be termed essential and auxiliary features.

Under the former we include all that knowledge which would best prepare the student to render efficient *practical* service; as a company officer or non-commissioned officer of the State militia; as an organizer of the same in case of necessity, and as a member of—very much the largest and most important component of every great army—the Volunteer Infantry.

The auxiliary features comprise subjects designed to arouse and enhance in the students a desire for military knowledge, and may include anything calculated to stimulate them to further study of military subjects, and increase their interest in and taste for military affairs and service.

For us, under our conditions and limited time, the making of the former a first consideration seems the wisest course to pursue and most likely to result in practical benefit to the country. Hence, when the conditions happen to be unfavorable, only so much time is devoted to the auxiliary kind of instruction as can be spared from that which is considered more important.

COURSE—FALL TERM, 1889-90.

PRACTICAL INSTRUCTION.

INFANTRY TACTICS.—School of the Squad; Manual of Arms; School of the Company; Skirmish Drill; Battalion Drill; Honors, Salutes, etc.; Competitive Drills.

ARTILLERY TACTICS.—Manipulation and Service of Piece.

THEORETICAL INSTRUCTION.

INFANTRY TACTICS.—Recitations and examinations.

FORMATION OF BATTALION.

Captains . . .	Salter, J. C.	Sergeants . . .	Donoho, T. L.
	Galbraith, C. M.		Burge, L. E.
	Bryden, W. O,		Bridges, D. Y.
	Lawrence, J. H., Adj.		Hamill, R. E.
	Beman, G. W.		McGuire, A. E.
1st Lieuts . .	Whitney, W. B.		Allen, L. R.
	McMackin, F. G.		Ashley, W. H.
	Patten, A. E.		Porter, A. B.
	Merrick, C. H.		Rude, O. J.
	Shinn, S. H.	Corporals . .	Whitchurch, J. E.
2d Lieuts . . .	Bliss, A. L.		Pugh, C. H.
	Brown, R.		Batson, W. A.
	Anderson, G. F.		Hagler, G. L.
	Steele, R. E.		Farthing, J. R.
1st Sergts . .	Ayre, P. S.		Finn, S. N.
	Walker, F. E.		Purdy, G. E.
	Waller, E.		Russel, C. W.
	Renfro, R. E.		Ledbetter, J. N.
Sergeants . .	McKean, A. G.		Hamill, A.
	Kell, O. A.		Sheppard, F. A.
	Whelpley, F. L.		Rapp, C. R.
	Brantly, J. H.		Campbell, J. G.
Privates . . .	Anderson, W. L.	Privates . . .	Burnside, W. K.
	Anderson, A.		Cowan, N.
	Atkins, G. O.		Chandler, L. C.
	Brewer, O.		Chanaberry, M. F.
	Brown, G.		Crabtree, E. J.
	Brayshaw, F.		Crowe, L. B.
	Boomer, C.		Culp, C.
	Barter, W. E.		Cunningham, G.
	Benedict, W.		Cunningham, J.
	Barter, J. S.		Dewey, J. M.
	Blackman, C. C.		Dougherty, A. J.

Privates... Downey, L.
 Donoho, C.
 Davis, A. D.
 Davis, H. W.
 Deason, E.
 Ervin, F. J.
 Etherton, M.
 Euler, W.
 Ferrel, C. H.
 Gambach, G.
 Grammer, F.
 Grammer, L.
 Grammer, A.
 Hamill, J. T.
 Hubbard, S. A.
 Hord, R.
 Hopper, O.
 Hodge, H. F.
 Inman, O. M.
 Inman, H. H.
 Ihle, C.
 Isom, W. C.
 Jones, B.
 Keller, C. R.
 Kiesel, G.
 Knauer, H. S.
 Kell, A. B.
 Klien, H. J.
 Leeds, A.
 Lee, H. D.
 Levan, L. C.
 Maxwell, W. S.

Privates... Martin, W. J.
 McCormack, L.
 McCormack, W.
 Mushrush, F.
 Morton, R.
 McGuire, E.
 McIlwain, J.
 Moore, S. L.
 Marvin, B.
 Miller, E.
 Ogle, H.
 Patten, E. S.
 Pasley, G. M.
 Queen, S.
 Ruff, H. E.
 Sauer, P. E.
 Snider, E.
 Stone, H. E.*
 Smith, H. M.
 Stilley, C. W.
 Stilley, P. D.
 Schofield, W. H.
 Stout, C.
 Smart, J.
 Thompson, W. W.
 Whiteman, F. M.
 Wiseman, A. L.
 Weaver, F.
 Wentz, E.
 Watt, J. S.

Total, 128.

*Deceased.

COURSE—WINTER TERM, 1889-90.

PRACTICAL INSTRUCTION.

INFANTRY TACTICS.—School of the Squad; Manual of Arms; School of the Company; Competitive Drills; Examinations in Tactics.

ARTILLERY TACTICS.—Saber exercises.

FORMATION OF BATTALION.

Captains . . .	Salter, J. C.	Sergeants . .	Hamill, R. E.
	Galbraith, C. M.		McGuire, A. E.
	Bryden, W. O., Adj.		Allen, L. B.
	Beman, G. W.		Whitchurch, J. E.
1st Lieuts . .	Whitney, W. B.		Pugh, C. H.
	Shinn, S. H.		Ledbetter, J. N.
	McMackin, F. G.		Sheppard, F. A.
	Patten, A. E.		Hagler, G. L.
	Bliss, A. L.		Ashley, W. H.
2d Lieuts . .	Brown, R.		Rapp, C. R.
	Anderson, G. F.	Corporals . .	Campbell, J. G.
	Walker, F. E.		McCormack, L.
	Renfro, R. E.		Stilley, C. W.
1st Sergts . .	Waller, E.		Stilley, P. D.
	McKean, A. G.		Walker, H. A.
	Kell, O. A.		Dougherty, A. J.
	Whelpley, F. L.		Hubbard, S. H.
Sergeants . .	Porter, A. B.		Maxwell, W. S.
	Donoho, T. L.		
Privates . . .	Akin, G.	Privates . . .	Blackman, C. C.
	Anderson, W. L.		Brush, S. G.
	Atkins, G. O.		Biggs, W. W.
	Allen, H. E.		Brown, G.
	Anderson, A. C.		Bowen, J.
	Barter, W. E.		Cowen, W. L.
	Burnside, W. K.		Cunningham, G.
	Barter, J. S.		Custer, W. M.
	Biggs, C. W.		Donoho, C.
	Boomer, C.		Dewey, J. M.

Privates . . . Davis, H. W.	Privates . . . McGuire, E.
Driskill, A.	Ogle, H.
Euler, W.	Ogden, M. S.
Gurley, W. W.	Patten, E. S.
Hall, P.	Pasley, G. W.
Hopper, O.	Ruff, H. E.
Hord, R.	Rawson, G. I.
Herod, J. R.	Roane, I.
Helms, H. L.	Richardson, E.
Herrin, J.	Ragen, W. H.
Isom, W. C.	Stout, C.
Jones, B.	Sauer, P. E.
Kell, A. B.	Tait, J. J.
Levelsmier, J. W.	Tanner, J. M.
Lee, H. D.	Toler, J. B.
Levan, L. C.	Wade, C. S.
McIlwain, J.	Wentz, E.
Mushrush F.	White, J. M.
Mead, G.	Walker, R. A.
Meyer, F. W.	Welsh, J.
McCormack, W. T.	Watt, J. S.
McClellan, W. J.	Walker, I. C.
Miller, J. A.	Total, 102.

COURSE—SPRING TERM, 1889-90.

PRACTICAL INSTRUCTION.

INFANTRY TACTICS.—School of the Squad; Manual of Arms; School of the Company; Skirmish Drill; Battalion Drill; Honors, Salutes, etc. Sham Battles and Competitive Drills for medal.

ARTILLERY TACTICS.—Manipulation and Service of the Piece; Firing with blank cartridges; Salutes and sham battles.

FORMATION OF BATTALION.

Captains . . . Salter, J. C., Adj.	1st Lieuts. . . Whitney, W. B.
Galbraith, C. M.	Sainn, S. H.
Bryden, W. O.	McMackin, F. G.
Lawrence, J. H.	Patten, A. E.
Beman, G. W.	Bliss, A. L.

2d Lieuts...	Brown, R. Anderson, G. F. Walker, F. E. Renfro, R. E.	Corporals ..	Biggs, W. W. Dewey, J. M. Barter, J. S. Isom, W. C. Kell, A. B. Lee, H. D. Patten, E. S. McCormack, W. T. Boomer, C. Sauer, P. E. Wentz, E. McClellan, W. J. Cowan, N. Burnside, W. K. McGuire, E. M. Franklin, W. J. Galbraith, W. R.
1st Sergts..	Waller, E. Kell, O. A. Porter, A. B. Donoho, T. L. Rude, O. J.		
Sergeants..	Whitchurch, J. E. Rapp, C. R. Stilley, C. W. Ashley, W. H. Purdy, G. E. Campbell, J. G. Dougherty, A. J. Ruff, H. E. Hubbard, S. H. Pugh, C. H. McCormack, L. Stilley, P. D.		
Privates ...	Akin, G. Allen, C. N. Boswell, W. T. Batson, H. H. Bundy, E. S. Barnwell, C. G. Brayshaw, F. Bryan, R. L. Burkitt, J. A. Brooks, J. T. Bowen, J. A. Barter, O. Baker, J. L. Culver, F. O. Clutts, G. E. Custer, W. M. Cox, H. J.	Privates ...	Crawford, J. E. Cunningham, G. Colp, M. Chew, F. Cummings, J. B. Carson, L. Daws, A. Dorris, W. S. Deason, E. Driskill, A. Etherton, G. Felts, W. T. Glick, H. Gear, J. P. Garrett, W. M. Helbig, G. Hawkins, J. F.

Privates . . . Herrin, J. A.	Privates . . . Rauch, W. H.
Hodge, H. F.	Ragen, W. H.
Hill, A. L.	Richardson, E.
Herod, J. R.	Ragsdale, S. C.
Henard, W. S.	Stout, C. L.
Hopper, O.	Stout, H. C.
Hincke, G. E.	Stout, L. A.
Hershey, J. R.	Small, J. B.
Knauer, H. S.	Simmons, W. R.
Kerley, S. Y.	Spiller, J. W.
Leeper, R. C.	Steers, F. W.
Lewis, A. C.	Shourd, W. O.
Mason, H. M.	Sitter, H.
Mathis, J. B.	Sitter, J.
Mathis, J. W.	Taylor, H.
McIlwain, J.	Tanner, J. M.
McCall, S. R.	Toler, J. B.
McCall, T. E.	Veach, W. F.
Norfolk, D. H.	Vogel, F. G.
Ogle, H.	White, T. O.
Parish, W.	White, J. M.
Rausch, A. T.	Whittenburg, A. L.
Russell, W. A.	Walker, R. A.
Robinson, S. P.	Wise, A. J.
Ragsdale, J. S.	Williams, O.
Roane, I.	Watt, J. S.
Reynolds, M. T.	Young, R. S.
Total for year by terms, 366.	Total, 136.



PUPIL TEACHERS, STUDENTS, AND
ALUMNI.

PUPIL TEACHERS.

Alexander, Anna R.	Lawrence, A. Blanche.
Anderson, George F.	Lawrence, John H.
Anderson, Mary J.	Lingenfelter, Ada.
Anderson, Nettie A.	Lirely, Wm. H.
Ayre, Philip S.	Littleton, Cora E.
Barr, Jessie G.	Maxwell, Wm. S.
Barter, Emeline E.	McMackin, Fred G.
Bellamy, Addie.	Mesler, Mary B.
Beman, George W.	Meyer, Fritz W.
Blanchard, Guy.	Miller, Mary Eliz.
Bliss, Anson L.	North, M. Alice.
Brown, Robert.	Patten, Arthur E.
Buckley, Elizabeth F.	Peebles, Lizzie S.
Bundy, Joseph B.	Phillips, Myrtle K.
Burge, Lloyd E.	Purdy, George E.
Busam, Rosa.	Purdy, Wallace C.
Chanaberry, Millard F.	Rhoads, Miriam E.
Davis, A. Donald.	Roane, Cora.
Davis, Charles H.	Rude, Otto J.
Davis, Mary E.	Rury, Francis O.
Deason, Richard O.	Steele, Robert E.
Easterly, Mattie.	Storment, John C.
Eddleman, Ellen J.	Troy, Nellie C.
Ferrell, Minnie.	Vogel, Frederick G.
Galbraith, Charles M.	Waller, Elbert.
Hackney, Kate G.	Wallis, Mary.
Hanson, Julia.	Wham, Agnes C.
Hill, Mamie E.	Wham, Dora A.
Holden, Wm. M.	Whelpley, Frank L.
Hord, Addie.	Whitchurch, John E.
Hord, Ruth.	Whitney, Wm. B.
Kimmel, Emma L.	Woodson, Myrtle F.
Kimmel, Ruby I.	Youngblood, Louise R.
Lansden, Mary G.	Zetzsche, May J.

NORMAL DEPARTMENT.

POST GRADUATES.

NAME.	RESIDENCE.
Bryden, Helen.....	Carbondale
Fryar, Minnie J....	Carbondale
Hall, William Herbert.....	Albion
Wallis, William Jr.....	Carbondale

SPECIAL STUDENTS.

Brown, Dennis Clarence.....	Carbondale
Clark, Lulu.....	Centralia
Gage, Lizzie Cornelia.....	Kansas City, Mo.
Lawrence, Lizzie Hattie.....	Chester
Teeter, Annie Crowther.....	Carbondale

NORMAL SCHOOL.

SENIORS.

Bain, John Charles.....	Vienna
Hackney, Kate Gracia.....	Atwater
Hull, Bertha.....	Carbondale
Keller, Kent Ellsworth.....	Campbell Hill
Lansden, Mary Gallaher.....	Cairo
Ramsey, Joseph Eli.....	Lancaster
Sams, Fountain Fernando.....	Jonesboro
Smith, Mabel.....	Carbondale
Storment, John Calvin.....	Salem
Torrance, Anna Eliza.....	Salem
Van Cleve, Martin Thomas.....	Vienna

STUDENTS OF THIRD, SECOND, AND FIRST YEARS.

NAME.	RESIDENCE.
Abel, Lelia Belle.....	Carbondale
Adams, Ella.....	Opdyke
Adams, Roy Ned.....	Ullin
Agnew, Eunice.....	Samoth
Alexander, Anna Roseman.....	Carbondale
Allen, Charles W.....	Broughton
Allen, Lewis Richardson.....	Jackson Co.
Allyn, Louise Hurlbut.....	New London, Conn.
Anderson, George Forbes.....	Carbondale
Anderson, Mary Jane.....	Cobden
Anderson, Nettie Ann.....	Cobden
Applegath, John.....	Carbondale
Applegath, May Augusta.....	Carbondale
Atkins, George Oliver.....	Sumner
Ayre, Philip Sheridan.....	Dix
Baker, John Louis.....	Harrisburg
Barnwell, Charles Grant.....	Ozark
Barr, Jessie Glein.....	Carbondale
Barter, Emeline Eliza.....	Harrisburg
Barton, Flora Louise.....	Carbondale
Batson, Henry Houston.....	Makanda
Batson, William Albert.....	Makanda
Bellamy, Addie.....	Carbondale
Beman, George Woods.....	Carbondale
Biggs, Della.....	Jackson Co.
Biggs, William Wentworth.....	Jackson Co.
Blackman, Charles Curtis.....	Richview
Blackman, Louella Phoebe.....	Richview
Blair, Hattie Mary.....	Raccoon
Blair, William Herbert.....	Centralia
Blanchard, Guy.....	Tamaroa
Bliss, Anson Lee.....	Mt. Vernon
Boomer, Cincinnatus.....	Buncombe
Bouscher, Scott.....	Murphysboro
Boyd, Frank Leslie.....	Carbondale
Brantley, John Holden.....	Jackson Co.
Brayshaw, Frank.....	De Soto
Bridges, Lena Harriet.....	Carbondale

NAME.	RESIDENCE.
Brittain, Nellie L. Adora.....	Cutler
Brown, Grace Elizabeth.....	Carbondale
Brown, Robert.....	Carbondale
Bryan, Robert Lorin.....	Creal Springs
Bryden, William Osborne.....	Carbondale
Buck, Nettie May.....	Mt. Vernon
Buckley, Elizabeth Felgar.....	Marion
Bundy, Joseph Boen.....	West End
Burge, Lloyd Everett.....	Centralia
Burnside, Sallie.....	Carlyle
Burket, Grace Lulu.....	Carbondale
Burkitt, Jesse Albert.....	Mulkeytown
Burr, Howard Hart.....	Murphysboro
Busam, Rosa.....	Mound City
Campbell, John Gaines.....	Carbondale
Campbell, Julia Brush.....	Carbondale
Chanaberry, Millard Filmore.....	Marion
Chandler, Larkin Craig.....	Sandoval
Chew, Frank.....	Sato
Clark, Mary Cordelia.....	Williamson Co.
Cochran, Lulu May.....	Carbondale
Cowan, Walter Lee.....	Carterville
Cowen, Norredde.....	Carlyle
Cox, Henry Jamiah.....	Ora
Cox, Henry Thomas.....	Anna
Crawford, Della Evalene.....	Frankfort
Crawford, John Emmett.....	Christopher
Crawshaw, Joseph Russell.....	Jackson Co.
Croft, Joseph Clinton.....	Elco
Culver, Orland Frank.....	Ganntown
Cunningham, George Washington.....	Mt. Vernon
Cunningham, John.....	Mt. Vernon
Curlee, Clyde Zebedee.....	Tamaroa
Curson, Cora.....	Effingham
Custer, Emily Annetta.....	Carbondale
Custer, William Melvin.....	Carbondale
Curtis, Sadie.....	Paris
Dawes, Arthur.....	Broughton
Davis, Amaziah Donald.....	Metropolis

NAME.	RESIDENCE.
Davis, Charles Holmes.....	Metropolis
Davis, Mary Edna.....	Centralia
Davis, Ruth Elnora.....	De Soto
Deason, Richard Oscar.....	Carbondale
Delaney, Cora Rebecca.....	Irvington
Dewey, James McFarlan.....	Carbondale
Dillinger, Lizzie Mary.....	Jackson Co.
Dixon, Andrew.....	Carbondale
Downey, Clement Lee.....	Jonesboro, Ark.
Donoho, Chesterfield.....	Exchange
Donoho, Thomas, Lee.....	Hickory Hill
Dorris, Wilbern Stephen.....	Harrisburg
Dougherty, Andrew Jackson.....	Mound City
Dowd, Bertha Morley.....	Makanda
Duchow, John.....	St. James
Duncan, Vinna.....	Marion
Easterly, Mattie.....	Jackson Co.
Eddleman, Ellen Jenkins.....	Du Quoin
Elkins, William Anderson.....	Buncombe
Etherton, Guy Everett.....	Grand Tower
Etherton, Herman.....	Jackson Co.
Etherton, Monroe.....	Jackson Co.
Farthing, John Richard.....	Farina
Felts, William Troy.....	Lake Creek
Ferrell, Minnie.....	Carterville
Ferrell, Nora.....	Carterville
Finley, Florence.....	Bridgeport
Finley, Maggie.....	Bridgeport
Finn, Samuel Norman.....	Foxville
Foster, Sadie Catherine.....	Du Bois
Franklin, William John.....	Carlyle
Frederich, Louis John.....	New Memphis
Freeman, Wynn Dixon.....	Opdyke
Galbraith, Charles Marion.....	Carbondale
Galbraith, John Tyman.....	Carbondale
Galbraith, Walter Ridgely.....	West End
Gardner, Francis Napoleon.....	Paducah, Ky.
Gendron, Perry Jacob.....	Kaskaskia
Gerlach, Jacob Phillip.....	Sparta

NAME.	RESIDENCE.
Gilbert, Ida Mae.....	Carbondale
Gilbert, Lillian.....	Carbondale
Gillis, Elizabeth Emily.....	East St. Louis
Griffin, Camp Kirkland.....	Equality
Grogan, Mollie.....	Marion
Hagler, George Lewis.....	Jackson Co.
Hagler, William Jackson.....	Carbondale
Haldaman, Chrissy Rebecca.....	Pomona
Haldaman, Mary Catherine.....	Pomona
Hall, Aurora Ann.....	Anna
Hall, Kate May.....	Anna
Hall, Phil.....	Carterville
Hamill, Commodore Perry.....	Freeburg
Hamill, Russell Edwin.....	Freeburg
Hanson, Julia.....	Murphysboro
Harvey, Sarah.....	Effingham
Hawkins, John Frederick.....	Dix
Heinzelman, Agnes Mary.....	Belleville
Helbig, Guido.....	Okawville
Helms, Herman Lafayette.....	Belleville
Henard, William Sherman.....	Pleasant Grove
Herod, James Russell.....	Elizabethtown
Herrin, John Alfred.....	Herrin's Prairie
Hershey, Jacob Robert.....	Bridgeport
Hill, Austin Leon.....	McLeansboro
Hill, Mamie Elizabeth.....	Centralia
Hinchcliff, William Henry.....	Fredonia
Holden, Emma Laura.....	Carbondale
Holden, Fannie Jennette.....	Carbondale
Holden, William Morton.....	Carbondale
Hopper, William Oscar.....	Spring Garden
Hord, Addie.....	Flora
Hord, Robert Guy.....	Carbondale
Hord, Ruth.....	Flora
Hubbard, Samuel Alexander.....	Goreville
Huthmacher, Josephine.....	Grand Tower
Jenkins, Hattie Elizabeth.....	Elkville
Johnson, Flora Baxter.....	Mound City
Jones, Benjamin.....	Sandusky

NAME.	RESIDENCE.
Kell, Albert Baker	Salem
Kell, Anna Violet	Salem
Kell, Iva Lucy	Foxville
Kell, Lincoln Samuel	Salem
Kell, Omer Adrian	Salem
Keller, Charles Raymond	Mt. Vernon
Kerstine, Jakie	Makanda
Kimmel, Emma Lee	Carbondale
Kimmel, Laura Elizabeth	Carbondale
Kimmél, Ruby Ida	Carbondale
Kimzey, Ralph Dwight	Tamaroa
Knisely, John Scott	Omega
La Master, Ella Julia	Marion
Lawrence, Alice Blanche	Carbondale
Lawrence, John Hamilton	Carbondale
Ledbetter, John Nelson	Elizabethtown
Leeds, Anson	Allendale
Leeds, Clara	Mt. Carmel
Levan, Lavinia	Murphysboro
Lindley, John William	Hutsonville
Lingenfelter, Ada	Newton
Lirely, William Henry	Makanda
Littleton, Cora Ellen	Cobden
Lockett, Jason Swaney	McLeansboro
Martin, George Ellsworth	Olmsted
Mason, Henry McDaniel	Cave-in-Rock
Mathis, James William	America
Maxwell, William Sherman	Sailor Springs
McClellan, William Isham	Mulkeytown
McCormick, Looney	Goreville
McKinney, Daisy	Carbondale
McMackin, Fred Gray	Salem
Medlin, Joshua Columbus	Rileyville
Merrick, Charles Henry	Okawville
Mertz, Dora Louise	Carbondale
Mesler, Mary Belle	Cobden
Myers, Fritz William	Metropolis
Miller, Joseph Alexander	Smithton
Miller, Mary Elizabeth	Carbondale

NAME.	RESIDENCE.
Montgomery, Martha Wilson.....	Villa Ridge
Moore, Samuel Logan.....	Cassville, Mo.
Morrison, Charles Hugh.....	Odin
Morton, Ralph Brown.....	Raccoon
Mushrush, Frank.....	Chauncey
Nave, Dollie.....	Thompsonville
Neal, Marshall Monroe.....	Benton
Norfleet, Dora Jane.....	Raccoon
Norfolk, Daniel Harrison.....	Centralia
*North, Mary Alice.....	Carbondale
North, Clara Campbell....	Carbondale
North, Percy Elliott.....	Carbondale
Otrich, Leona.....	Dongola
Parkinson, Charles Andrew.....	Raccoon
Parkinson, Frank Alva.....	Raccoon
Paslay, George Marion.....	Ramsey
Patten, Arthur Eustace.....	Carbondale
Peay, Lulu.....	San Antonio, Tex.
Peebles, Lizzie Smith.....	Cobden
Perry, Celia May.....	Jackson Co.
Phillips, Myrtle Kingsley.....	Nashville
Pike, Nellie Bernice.....	Degonia
Proctor, Lucy Abbie.....	Carbondale
Pugh, Charles Harvey.....	Calhoun
Purdy, George Eli.....	Vergennes
Purdy, Wallace Charles.....	Vergennes
Queen, Samuel.....	Pomona
Ragsdale, Joseph Senter.....	Paducah, Ky.
Ragsdale, Samuel Crawford.....	Moscow
Ramsey, Amanda Isabell.....	Lancaster
Ramsey, Maria.....	Allendale
Randolph, Mary Ann.....	Carterville
Rapp, Charles Robert.....	Carbondale
Rapp, John.....	Red Bud
Renfro, Robert Eagle.....	Carbondale
Rhoads, Miriam Elizabeth.....	Metropolis
Richardson, Edward... ..	Farina
Roane, Cora.....	Opdyke

*Deceased.

NAME.	RESIDENCE.
Roane, John Quince.....	Opdyke
Royall, Mary Lilly.....	Villa Ridge
Rude, Otto J.....	De Soto
Ruff, Horace Ewing.....	Pitman, Ark.
Runkwitz, Edwin Herman.....	O'Fallon
Rury, Francis Oliver.....	Percy
Russell, Wirt Allyn.....	Carbondale
Salter, Annie Porter.....	Carbondale
Salter, John Cleveland.....	Carbondale
Scurlock, Fannie Charlotte.....	Carbondale
Sears, Nellie Powers.....	Effingham
Shepard, Frank Adams.....	Linn
Shinn, Samuel Henry.....	Carlyle
Sinks, John Henry.....	Lake Creek
Skehan, Josephine.....	Cobden
Slimpert, M. May.....	New Grand Chain
Small, James Barter.....	Harrisburg
Smart, James Wiley.....	Simpson
Snider, Ina Minerva.....	Centralia
Snyder, Arthur John.....	Farina
Songer, Mamie.....	Kinmundy
Sprecher, Theodora Maud.....	Richview
Starzinger, Anna Rosa.....	Carbondale
Steele, Frank Bell.....	Percy
Steele, John Carr.....	Mound City
Steele, Robert Erben.....	Percy
Stewart, Ellen.....	Buncombe
Stokes, Le Maud.....	Anna
Stotlar, Norcie.....	Herrin's Prairie
Stout, Charles Logan.....	Chauncey
Stout, Mattie.....	Sato
Tanner, James Monroe.....	Benton
Taylor, Harry.....	Harrisburg
Thompson, Laura Ella.....	Jackson Co.
Tierney, Nellie Constance.....	Nashville
Tindall, Grace Luami.....	Carbondale
Toler, John Burt.....	Carbondale
Towle, Herman Theodore.....	Harrisburg
Towne, Leta Adaline.....	Cobden

NAME.	RESIDENCE.
Troy, Nellie Claudia	Carbondale
Tyer, William Joshua	Cave-in-Rock
Veach, William Franklin	Vienna
Vogel, Frederick George	Floraville
Wade, Charles Thomas	Iola
Walker, Isaac	Regent
Walker, Richard Asberry	Metropolis
Waller, Elbert	Jackson Co.
Wallis, Anna	Nashville
Wallis, Mary	Carbondale
Weaver, Annie	La Clede
Webb, Cora	McLeansboro
Weir, Joseph Minton	Hartford
Wentz, Edward	Marine
Wham, Agnes Cora	Foxville
Wham, Dora Abigail	Foxville
Whelpley, Frank Livingston	Cobden
Whitchurch, John Ezra	Centralia
Whitney, William Baker	Carbondale
Whittenberg, Alonzo Lindorf	Tunnel Hill
Wiedeman, Frank Edward	Harrisburg
Williams, Rosa	Carbondale
Williamson, Charles Wesley	Calhoun
Wise, William Clinton	Anna
Woodson, Myrtle Florence	Cairo
Wooten, Mary	Shumway
Wooters, Ida Alice	Raccoon
Youngblood, Louise Roots	Carbondale
Zetsche, May Jane	Okawville
Total	300

PREPARATORY DEPARTMENT.

GRAMMAR SCHOOL.

NAME.	RESIDENCE.
Akin, George.....	Murphysboro
Alexander, John William.....	Carbondale
Alexander, John W. T.....	Commercial Point
Allen, Charles Snyder.....	Jackson Co.
Allen, Henry Edward.....	Jackson Co.
Alsobrook, Thomas Bartel.....	Pulaski
Anderson, Albert Calvin.....	Cobden
Anderson, Walter Lafayette.....	Cobden
Ashley, Edgar Chapman.....	Carbondale
Ashley, William Henry.....	Carbondale
Askins, Charles.....	Marion
Bagwell, Ollie May.....	Murphysboro
Baker, Daisy.....	Cottage Home
Baker, May Rhoda.....	Cottage Home
Baker, Stella.....	Cottage Home
Balcom, Ella Florence.....	Jackson Co.
Barr, Bertha Alice.....	Carbondale
Barter, James Samuel.....	Attila
Barter, Jane Rachel.....	Cawthon
Barter, Oliver.....	Attila
Barter, William Esterbrook.....	Attila
Barton, Josie Meagher.....	Carbondale
Batka, John Henry.....	Belle Rive
Benedict, James Marion.....	Fitts Hill
Benedict, Webster Washington.....	Fitts Hill
Benefiel, Delila.....	Alto Pass
Bennet, Anna Neal.....	Jackson Co.
Bennet, Jacob Homer.....	Jackson Co.

NAME.	RESIDENCE.
Biggs, Charles Walter.....	Cobden
Bise, Charles.....	Ullin
Blanchard, Maude.....	Tamaroa
Blaydes, Carrie Belle.....	McLeansboro
Boomer, Nola.....	Buncombe
Boomer, Simeon.....	Buncombe
Borger, John Breese.....	Carbondale
Bostich, George Washington.....	Jackson Co.
Boswell, William Thomas.....	Anna
Boulden, Victoria Allen.....	Simpson
Boucher, Andrew Sherman.....	Murphysboro
Bourschier, Laura.....	Jackson Co.
Bourschier, Thomas.....	Jackson Co.
Bowen, James Anderson.....	Cerro Gordo, Tenn.
Bradley, George Bickley.....	De Soto
Bradley, Ollie May.....	De Soto
Brandon, Bertha.....	Makanda
Brewer, Ora,.....	Jackson Co.
Brewster, Thomas Herbert.....	Carbondale
Bricker, Libbie.....	Greenfield, Tenn.
Bridges, Charles Gauss.....	Carbondale
Bridges, Daniel Young.....	Carbondale
Bridges, Ella Lucretia.....	Carbondale
Brooks, Fannie Belle.....	Makanda
Brooks, John Thomas.....	Saratoga
Brown, Eugene.....	Troy, Mo.
Brush, George Mortimer.....	Carbondale
Brush, Silas Grattan.....	Carbondale
Bryden, Eva Hamilton.....	Carbondale
Bundy, Edward Samuel.....	Carbondale
Burkhart, Lena.....	Marion
Burnside, William Kirkley.....	Carlyle
Burton, Nettie.....	Hoopeston
Cavanah, Alonzo.....	Ivy
Carson, Lane.....	Broughton
Chenoweth, Anna Belle.....	Herrin's Prairie
Chew, Phoebe Jane.....	Sato
Churcher, Azariah.....	Carbondale
Clark, Chester.....	Carbondale

NAME.	RESIDENCE.
Clark, Cora Lee	Grand Tower
Clark, Esther Fanny	Carbondale
Clark, Mary Jane	Grand Tower
Cochran, John Horace	Carbondale
Cochran, Maude Olive	Carbondale
Clutts, George Edwin	Cobden
Colp, Monroe	Carterville
Cooper, Cora	Carbondale
Cowan, Eugene	Carterville
Crabtree, Elmer Jackson	Walnut Hill
Crawford, Da Costa	Frankfort
Crawshaw, Henry Alonzo	Jackson Co.
Crowe, Levi Benson	Du Bois
Crowther, Anna	Carterville
Crowther, Sarah	Carterville
Cruse, Charles	Marion
Culp, Charles	Anna
Cummins, Jason Berry	Grantsburg
Curtis, Nellie Davie	Jonesboro
Davis, Melinda Emerson	Anna
Davis, Nellie	Equality
Davis, William Hardiman, jr.	Murphysboro
Deason, Edward	De Soto
Dillinger, Charles Edward	Jackson Co.
Dixon, Luella Carrie	Carbondale
Driskill, Aretus	Smithland, Ky.
Dunaway, Julia Ann	Marion
Dunbar, William Seaburn	Springfield
Easterly, Brownlow	Ava
Ellwell, Martha Eleanor	Cutler
Ervin, Fred J.	Edgewood
Euler, William Frederick	Hecker
Evans, Dollie Myrtle	Grand Tower
Evertson, Emma	Carbondale
Ferrell, Clement Harrison	Harrisburg
Freeman, Richard Bartley	Freeburg
Friedline, Edward	De Soto
Fryar, May Emily	Carbondale
Gambach, George	Hecker

NAME.	RESIDENCE.
Garritt, William Munn	Grantsburg
Gibbs, Louis Joseph	Cobden
Gilbert, Nannie May	Carbondale
Gillham, Lillian Belle	Upper Alton
Glick, Henry Peter	Lakewood
Goe, Emma Freece	Carbondale
Goforth, William Alexander	Du Quoin
Goodbread, Joseph Henry	Grand Tower
Grammer, Arthur	Carbondale
Grammer, Carrie	Carbondale
Grammer, Ferdinand	Pomona
Grammer, Lavinia	Jackson Co.
Grammer, Lemma	Carbondale
Grear, James Patrick	Mt. Pleasant
Gurley, William Waller	Pleasant Grove
Hagler, Amer	Jackson Co.
Hagler, Andy	Jackson Co.
Hagler, Letha	Carbondale
Hall, Lelia Leander	Foxville
Hall, Ludie	Metropolis
Hamill, Aaron Archibald	Freeburg
Hamill, James Theodore	Freeburg
Hamilton, Julia	Vienna
Hanson, Hattie Catharine	Murphysboro
Harker, George Mifflin	Carbondale
Harris, Flora Jane	Makanda
Hastings, William Jackson	Jackson Co.
Hawkins, Lena	Dix
Hayes, Flora Belle	Carbondale
Hinchcliff, Esther Mary	Fredonia
Hincke, George Emil	Pinckneyville
Hobbs, Tillie Jane	Carbondale
Hodge, Harry Frank	Murphysboro
Hodge, Jennie	Murphysboro
Holden, Maggie Louise	Carbondale
Hopper, Jennie	Carbondale
Huthmacher, Julia Elizabeth	Grand Tower
Ihle, Charles	Cobden
Inman, Harold Hilliard	Pomona

NAME.	RESIDENCE.
Inman, Hattie Almeda.....	Pomona
Inman, Otis Murphy.....	Pomona
Isom, Lillie.....	Villa Ridge
Isom, William Clayborne.....	Degognia
Jenkins, Blanche Gertrude.....	Jackson Co.
Jenkins, Frank.....	Jackson Co.
Jenkins, Louise Anna.....	Jackson Co.
Jerome, Carolina Olivia.....	Carbondale
Jones, Edward Moses.....	Centralia
Jones, Edward Reece.....	Du Quoin
Kays, Ada Irena.....	West End
Kays, Emma Davis.....	West End
Keesee, Leota Ethel.....	Carbondale
Keown, John Van.....	Jackson Co.
Kerby, Pet.....	Sikeston, Mo.
Kerley, Schuyler Yasmahar.....	Grantsburg
Key, David Francis.....	Carbondale
Kiesel, George.....	Troy
Kipp, Emma.....	Anna
Kirkham, Essie.....	Elizabethtown
Kirkham, Nellie.....	Birmingham, Ala.
Klien, John Henry.....	Grubb
Knauer, Harmon Solomon.....	Ava
Lackey, Oliver Francis.....	Pulaski
Lawrence, Abbie Robarts.....	Carbondale
Lawrence, Angie Edna.....	Carbondale
Lawrence, Carroll Gray.....	Carbondale
Layman, Eva.....	Tamaroa
Lee, Dora Elsie.....	Pomona
Lee, Homer Dalton.....	Pomona
Lee, May Gertrude.....	Pomona
Leeper, Robert Corbin.....	Unionville
Levan, Leverett Crittenden.....	Murphysboro
Levelsmier, William Joseph.....	Jackson Co.
Lewis, Arthur Clayton.....	Carrier Mills
Lewis, Emma Lena.....	Carbondale
Lingle, Willis Eddie.....	Makanda
Long, Orlena Catharine.....	Pomona
Martin, Eva Viola.....	Osage

NAME.	RESIDENCE.
Martin, William Isaac	Metropolis
Marvin, Bert Riggs	Jackson Co.
Mathis, John Brown	America
Maxey, Kate Lewis	Carbondale
Mayfield, Sarah Elizabeth	De Soto
McCall, Samuel Rutledge	Vienna
McCall, Thomas Edgar	Vienna
McCormack, William Thomas	Goreville
McCracken, Minor	Carbondale
McGregor, Emma	Gard's Point
McGregor, Mary	Gard's Point
McGuire, Arthur Hill	Carbondale
McGuire, Emory Madison	Carbondale
McGuire, Sylvia Louise	Carbondale
McIlwain, James	Okawville
McKean, Albert George	Carbondale
McKinney, Ella Jane	Jackson Co.
McKinney, John William	Jackson Co.
Mead, Guy Frederick	Carbondale
Mertz, George West	Carbondale
Miller, Alice	Carbondale
Miller, Andrew Edward	Metropolis
Morgan, Henrietta	Makanda
Morton, May Rebecca	Carbondale
Munger, Grace Experience	Carbondale
Munger, Howard Park	Carbondale
Murrie, Oscar	Simpson
Nave, Zella May	Thompsonville
North, Julia	Carbondale
Ogden, Marcus Henry	Cottage Home
Ogle, John Howard	Belleville
Oliver, Carrie Lindsay	Chesterfield
Owens, Florence	Mound City
Papenberg, William Christian	Red Bud
Parish, William Henry	Harrisburg
Parrish, Jessie Ann	Carbondale
Patten, Edward Stuart	Carbondale
Perry, Helen Mary	Jackson Co.
Perry, Thomas Allyn	Jackson Co.

NAME.	RESIDENCE.
Phillips, Lucy Haven	Nashville
Phillips, Rena Belle.....	Du Quoin
Pindell, Clara Elizabeth.....	Cairo
Porter, Arthur Benjamin.....	Carbondale
Price, David August.....	Carbondale
Prickett, Guy Cavett.....	Du Quoin
Ragen, William Henry.....	Carlyle
Ragsdale, Martha.....	Buncombe
Ragsdale, Mary.....	Buncombe
Ramsey, Flo.....	Lancaster
Rauch, William Henry.....	Makanda
Rausch, Adolph Trangott.....	Hecker
Rawson, Grant Irving.....	Carbondale
Rendleman, Edith Ann.....	Jonesboro
Rendleman, Ottie.....	Alto Pass
Renfro, Melissa.....	Olmsted
Reynolds, Marshall N.....	Murphysboro
Rhoades, Jeff.....	Alto Pass
Roberson, Clara Ann.....	Murphysboro
Robinson, Ida.....	Murphysboro
Robinson, Nellie Gill.....	Carbondale
Robinson, Wiley Guy.....	Carbondale
Ross, Ralph England.....	Benton
Rowan, Claudia Estella.....	Jackson Co.
Rowlett, Addie Belle.....	Sparta
Rucker, Josie.....	Mound City
Russell, Charles Wilson.....	Mt. Carmel
Russell, Clara.....	Cartersville
Russel, Rebecca.....	Vienna
Sauer, Phillip Edward.....	Evansville
Scofield, William Henry.....	Cairo
Scott, Florence Stuart.....	Albuquerque, N. M.
Searing, Mabel Martha.....	Carbondale
Shirrel, Theodoria.....	Murphysboro
Showrd, William Oscar.....	Anna
Simmons, William Riley.....	Simpson
Simpson, Minnie Augusta.....	Unionville
Sitter, Harrison J.....	Anna
Sitter, Jefferson.....	Cobden
Slimpert, Lucy R.....	Nea Grand Chain

NAME.	RESIDENCE.
Smart, John William.....	Simpson
Smith, Edgar Ralph.....	Carbondale
Smith, Frederick.....	Makanda
Smith, Henry Melvin.....	Pomona
Smith, Henry Willis.....	Saint Mary's, Mo.
Snider, Dollie.....	Carbondale
Snider, Emmett Lawrence.....	Salem
Snider, Fred M.....	Carbondale
Snider, John.....	Carbondale
Snider, Manning.....	Carbondale
Sowell, Myrtle Irvine.....	Carbondale
Spiller, John William.....	Marion
Spires, William Robert.....	Jackson Co.
Sprague, Athela.....	Blairsville
Starzinger, Theresia Marie.....	Carbondale
Steers, Mollie Ella.....	America
Steers, Thomas Samuel.....	America
Stelle, Edith Ethlyne.....	McLeansboro
Stelle, Ellenor May.....	McLeansboro
Stilley, Charles Washington.....	Lake Creek
Stilley, Elma Alma.....	Lake Creek
Stilley, Perry Davis.....	Lake Creek
Stone, Harry Edward*.....	Carbondale
Stone, Mina Ethelwyn.....	Carbondale
Stout, Henry Cooper.....	Sato
Stout, Louis Andrew.....	Cobden
Stout, Mary.....	Sato
Sullivan, Ella.....	South America
Tate, John Joseph.....	Smithton
Tate, Matilda Caroline.....	Smithton
Tate, Myrtle Ann.....	Thompsonville
Taylor, Oscar Theodore.....	Carbondale
Teeter, George Howard.....	Carbondale
Teeter, Horace Frank.....	Carbondale
Teeter, Jennie Banks.....	Carbondale
Temple, Dora Ellen.....	Cutler
Temple, Stella Aileen.....	Cutler
Thaxton, Cora Melinda.....	Cottage Home
Thomas, Maude.....	Blairsville

*Deceased.

NAME.	RESIDENCE.
Thompson, Bessie Milner	Carbondale
Thompson, Lena Maria	Carbondale
Thompson, Ward Eginton	Carbondale
Thompson, William Wesley	Mt. Vernon
Toney, Adaline Columbia	Carbondale
Veach, Florence Alice	Vienna
Walker, Alice Catharine	Makanda
Walker, Fred Elbert	Mt. Vernon
Walker, Harry Alfred	Carbondale
Watson, Lena Sarah	Makanda
Watt, John Samuel	Troy
Weaver, Frank Samuel	New Liberty
Webber, Emma	Raleigh
Webber, Jack	Raleigh
Webber, John	Raleigh
Webber, Winnie Arnett	Raleigh
Welch, John Henry	Ramsey
Weller, Nellie	Carbondale
West, Isabella C.	Canton, Miss.
White, Helen	DuQuoin
White, Joe Mitchell	Savannah, Tenn.
White, Thomas Otis	Carterville
Whiteman, Fred Monroe	Vandalia
Wiedaman, Anna	Harrisburg
Williams, Oscar Dennison	Anna
Williamson, Priscilla	Carbondale
Wise, Albert Johnson	Anna
Wiseman, Ammon Lawrence	Jackson Co.
Woods, Abraham Lincoln	Jackson Co.
Woods, Anna	Carbondale
Woods, Joseph Madison	Carbondale
Woods, Rhoda Leota	Carbondale
Wright, Anna	Jackson Co.
Wyatt, George Lewis	Simpson
Wykes, Frank Edgar	Carbondale
Yeckley, William Othello	Lake Creek
Young, Robert Samuel	Makanda
Youngblood, Laura Allen	Carbondale
Zetsche, William Lane	Okawville
Total	341

INTERMEDIATE.

NAME.	RESIDENCE.
Barton, Dick	Carbondale
Beman, Newton Davis	Carbondale
Bennet, Laviana True	Jackson Co.
Boomer, Helen	Buncombe
Bridges, Abbie Lucretia	Carbondale
Bridges, Rolland Eugene	Carbondale
Campbell, Alice	Carbondale
Clements, Louis Cyrus	Carbondale
Clements, Robert Sanford	Carbondale
Elder, Mary Elizabeth	Carbondale
Farley, Laura	Carbondale
Grant, Earnest Ross	Carbondale
Harker, Oliver Albert	Carbondale
Hunter, Edna May	Carbondale
Hypes, Ann Cornelia	Lebanon
Johnson, Bessie Agnes	Carbondale
Leary, John Erben	Carbondale
McAnally, Jesse Frank	Carbondale
McFadin, Charles Harmon	Carterville
Mesler, John Mitchell	Cobden
Munger, Robert Parke	Carbondale
Murphey, William Gordon	Carbondale
Muse, George Hayes	Carbondale
North, Hugh McAllister	Carbondale
Parkinson, Daniel Baldwin, jr	Carbondale
Phifer, Cora	Jackson Co.
Rapp, George Leslie	Carbondale
Smith, Harry	Carbondale
Taylor, Otho Breese	Carbondale
Thompson, Ralph Eginton	Carbondale
Tindall, William Schushert	Carbondale
Valentine, Ira	Carbondale
Wallis, Marshall	Carbondale
Weller, Paul Dickson	Carbondale
Total	34

PRIMARY.

Allen, Frank Benjamin	Jackson Co.
Allen, Mary	Jackson Co.

NAME.	RESIDENCE.
Beman, Ellen	Carbondale
Bird, Lubertha	Carbondale
Boyd, Charles Anthony	Carbondale
Bridges, Albert Franklin	Carbondale
Bridges, Ruth Brush	Carbondale
Brush, Harrie Roberts	Fort D. A. Russell, Wyo.
Campbell, Lansing	Carbondale
Cochran, Leander	Carbondale
Cochran, George Depew	Carbondale
Davis, Jennie Winne	Carbondale
Dixon, Curtis Edward	Carbondale
Evans, Leah Suffronia	Carbondale
Grant, Augustus Blake	Carbondale
Gustin, Alphis	Carbondale
Harker, Winne	Carbondale
Hayes, Anna	Carbondale
Hemphill, Walter Simon	Golconda
Hobbs, Thomas McElroy	Carbondale
Lightfoot, Anna Evaline	Carbondale
Magness, Roxy	Carbondale
Malone, Edna Irene	Sikeston, Mo.
Malone, Effie Maude	Sikeston, Mo.
Mitchell, Edward Clay	Carbondale
Mitchell, Jesse Frank	Eldorado
Neber, Nora Lee	Jackson Co.
O'Haver, Fred Joseph	Carbondale
Putnam, Harry Richard	Carbondale
Renfro, Charles Duncan	Carbondale
Stoltz, Ellen	Carbondale
Taylor, Clifton Ledbetter	Carbondale
Teeter, Kate M.	Carbondale
Teeter, Lillian Belle	Carbondale
Thompson, Albert Theodore	Carbondale
Thompson, Raymond Milner	Carbondale
Throgmorton, Edward Lee	Carbondale
Toney, Grace Ella	Carbondale
Wallis, Edward	Carbondale
Wallis, Robert	Carbondale
Wykes, Fred Arlington	Carbondale
Total	41

GENERAL SUMMARY.

Post Graduates.....	4
Special Students.....	5
Seniors.....	11
Normal School.....	300
Grammar School.....	341
Intermediate.....	34
Primary School.....	41
Total.....	<hr/> 736

SUMMARY BY TERMS.

Enrolled in Fall Term.....	441
Enrolled in Winter Term.....	457
Enrolled in Spring Term.....	525
Total.....	<hr/> 1423

ALUMNI.

1876.

NAME.	OCCUPATION.	ADDRESS.
Brown, John N.....	Teacher and farmer.....	Walshville
Caldwell, Beverly.....	Taught since graduation.....	Moline
Hawthorn, John C.*.....	Lawyer.....	
Ross, George C.....	Taught 5 years. Lawyer.....	Benton
Wright, Mary.....	Taught 2½ years.....	Cobden

1877.

Barnes, Belle D. A†.. }		Bloomington
Mrs. Dr. Green		
Burton, Arista.....	Taught since graduation.....	Mt. Vernon
England, James H.....	Taught 6 years. Farmer.....	Carbondale
Warder, William H.....	Taught 3 years. Lawyer.....	Marion

1878.

Caldwell, Delia.....	Taught 7 years.....	Carbondale
Courtney, Alva C.....	Taught since graduation.....	Golden City, Col.
Evans, Charles E*.....	Taught 3 years. Minister.....	
Hanna, James A.....	Taught 4 years.....	Saltillo, Tenn.
Hillman, Orecelia B..... }	Taught 4 years.....	Sedgwick, Kan.
Mrs. Merrill.....		
Jackson, Sarah E†..... }		Du Quoin
Mrs. Kimmel.....		
Kennedy, George R†.....	Taught 1 year. Merchant.....	Murphysboro
McAnally, John T.....	Taught 4 years. Physician.....	Carbondale
McAnally, Mary C..... }	Taught 10 years.....	Mt. Vernon
Mrs. Moss.....		
Pierce, Edward R.....	Taught 2 years. Minister.....	Silver City, N. M. Ter.
Plant, Richmond†.....	Lawyer.....	St Louis, Mo.
Robinson, Edward H.....	Physician.....	Lawrenceville
Thompson, David G.....	T'ght 3 yrs; Co. Supt. 3 yrs.; Lawyer...	Golconda

*Deceased.

†Paid tuition.

1889.

NAME.	OCCUPATION.	ADDRESS.
Burnett, Andrew C†	Lawyer	Lamar, Mo.
Farmer, George H. C.	Taught since graduation	Okawville
McCreery, Ida M*	Taught 3 years	
Phillips, Lyman T.	Taught 2 years. Dentist	Nashville

1880.

Bruck, Lauren L	Taught since graduation	Arrowsmith
Gray, Joseph	Taught since graduation	Anna
Heitman, Lewis	Taught 4 years. Druggist	Chester
Hull, Charles E.	Merchant	Salem
Kimmel, Henry A.	Taught since graduation	Friendsville
Mann, Wallace E.	Taught 3 years. Sec'y Y. M. C. A.	Decatur
Ogle, Albert B†	Journalist and Farmer	Belleville
Rentchler, Frank P	Manufacturer	Belleville
Sheppard, Lizzie M.	Taught 8½ years	Carbondale
Warder, Gertrude A.	} Taught 7 years	Chicago
Mrs. Michelet		

1881.

Burton, Chas. H	Lawyer	Mt. Vernon
Hughes, William F.	Taught 7 years	Murphysboro
Karraker, Henry W.	Teacher and Farmer	Dongola
Lorenz, John W.	Taught 4 years. Druggist	Evansville, Ind.
Marshall, Oscar S.	Telegrapher	Willis, Kas.
Marshall, Thomas S.	Banker	Salem
Sowers, Mary A.	Taught 5 years	Jonesboro
Ward, Edward I.	Taught since graduation. Co. Supt.	Pinckneyville

1882.

Atkins, Wezette	} Taught since graduation	Ottawa, Kan.
Mrs. Parkinson		
Deardorff, Lizzie M.	Taught since graduation	Ashland, Kan.
Ennison, Walter J.	Lawyer	Chicago
Goodall, Adella B†	} Taught 3 years	Carbondale
Mrs. Mitchell		
Krysher, Alice	} Taught 4 years	Jackson Co.
Mrs. Livingstone		
Mead, Albert E.	Lawyer	Hutchison, Kas.
Parkinson, Arther E†	Lawyer	Kansas City, Mo.
Stewart, Henry A.	Physician	New York
Wood, John W.	Taught since graduation	Cobden

*Deceased.

†Paid tuition.

1883.

NAME.	OCCUPATION.	ADDRESS.
Alexander, Franklin M.	Taught two years. Minister	Murphysboro.
Bain, William B†	Merchant	Vienna
Bryden, Maggie	Taught since graduation	Danville
Buckley, Alice M	} Taught 2 years	Murphysboro
Mrs. Alexander		
Fager, Daniel B	Taught since graduation	Collinsville
Houts, M. Lily	Taught 4 years	Olney
Kimmel, Belle	Taught 3 years	Elkville
Martin, John	Taught since graduation	Decatur
Nave, Della A	Taught 4 years	Carbondale
Sprecher, Edgar L	Taught 5 years	City of Mexico

1884.

Aikman, Fannie A*	}
Mrs. Kimmel		
Beesley, Alicia E.	Taught since graduation	Linn
Buchanan, Clara J.	} Taught 2 years	Carbondale
Mrs. Merrimon		
Buchanan, George V.	Taught since graduation	Carbondale
Buchanan, Mary	Taught since graduation	Effingham
Burket, Anna L	Taught 1 year	Carbondale
Cawthon, Christopher C.	Taught since graduation	Wichita, Kan.
Duff, May B*	Taught 1 year
Gill, Joseph B†	Lawyer. Member Gen'l Assembly	Murphysboro
Hendee, Lu Bird	Taught since graduation	Vandalia
Hileman, Philetus E.	Taught 1 year. Lawyer	Ft. Smith, Ark.
Jenkins, John H.	Taught since graduation	Elizabethtown
Lightfoot, Richard T	Taught 2 years. Lawyer	Carbondale
Ridenhower, Carrie L*	} Taught 4 years
Mrs. Mount		
Thomas, Maud*	Taught 4 years
Treat, Chas. W	Taught 2 years. Student	Green Castle, Ind.

1885.

Bryden, Helen	Taught since graduation	Carbondale
Buckley, Mary I.	} Taught 1 year	Freeport
Mrs. Warner		
Dunaway, Ada L†	At home	Carbondale
Fringer, William F.	Physician	Pana
Hull, Gertrude†	At home	Carbondale
Lacey, Rurie O.	Taught 2 years. Physcian	Elizabethtown
Lancaster, Tilman A.	Taught 3 years. Lawyer	Chattanooga, Tenn.
Miller, John E.	Taught since graduation	Collinsville
Roberts, Mary A.	Taught 4 years	Carbondale
Thomas, Kate	} Taught 3 years	Vienna
Mrs. Chapman		

*Deceased.

†Paid tuition.

1886.

NAME.	OCCUPATION.	ADDRESS.
Allen, Sarah A. Mrs. Crenshaw . . . }	Taught 1 year	Pinckneyville
Barber, Florence M.	Taught since graduation	Minneapolis, Minn.
Brown, Adella, A.	Taught since graduation.	Mission'y. Luxar, Egypt
Fryar, Minnie J.	Taught since graduation.	Carbondale
Fulton, Alexander H.	Taught 3 years.	Arizona
Hord, Kittie E	Taught 3 years.	Carbondale
Hundley, Ella.	Taught since graduation.	Denton, Tex.
Kennedy, Maggie.	Taught since graduation.	San Antonio, Tex.
Loomis, Carrie I Mrs. McCreery . . . }	Taught 1 year	Thompsonville
McAnally, Fannie D. Mrs. Fager. }	Taught 3 years.	Collinsville
Nichols, Louella†.	Taught 3 years.	Carlyle
Storment, Edgar L	Taught 2 years.	Arizona
Williams, Cora. Mrs. Wiley. }	Taught 3 years.	Pomona, Cal

1887.

Allen, Robert M†.	Lawyer.	Springfield
Blair, Carrie	Taught since graduation.	Olathe, Kan.
Bryden, J. Rockwell†.	Mining Engineer.	Carbondale
Campbell, Harmon M†.	Merchant.	Carbondale
Cleland, Clara B Mrs. Strong }	Taught 1 year.	Des Plaines
Cleland, May.	Taught since graduation.	Des Plaines
Cowan, David J.	Taught since graduation.	Washington Ter.
Glick, Albin Z.	Merchant.	Carbondale
Goodall, Samuel H.	Taught since graduation.	Marion
Harmon, Mark D.	Taught since graduation.	Grayville
Hawkins, Cicero R.	Lawyer.	Carbondale
Hewitt, Emma L.	Teaching	Hickman, Ky.
Hill, Mary A.	Taught since graduation.	Foxville
Hundley, Nannie	Taught since graduation.	Eldorado
Johnston, Lewis E.	Taught 1 year. Student of Law.	Kansas City, Kan.
Kirkpatrick, James H.	Taught since graduation.	Squak, W. T.
Lawrence, Bertha.	Taught 2 years.	Champaign Co.
McMackin, Edward G	Taught since graduation	Patoka
Phillips, Louise E.	Taught since graduation	Cairo
Ripley, Charles H.	Lawyer.	Chicago
Scott, Luther T.	Taught 1 year.	Carbondale
Searing, Harry	At home. Lumberman.	Carbondale
Sebastian, Julia A	Taught since graduation	Edwardsville
Smith, Seva A.	At home.	Carbondale

*Deceased.
†Paid tuition.

1887. (*Continued*).

NAME.	OCCUPATION.	ADDRESS.
Snyder, Lydia E.....	Taught since graduation.....	Blue Island
Tait, Minnie A.....	At home.....	Carbondale
Turner, George T.....	Taught 2 years. Student of Law.....	Vandalia
Wham, Steuben D.....	Taught since graduation.....	Raccoon

1888.

Bribach, Catherine J....	Taught since graduation.....	Cairo
Baumberger, Lulu.....	Taught since graduation.....	Greenville
Hall, William H.....	Taught since graduation.....	Carbondale
Hickam, Ada.....	Taught since graduation.....	Mount Carbon
Johnson, Callie E.....	At home.....	Carbondale
Leary, Mary.....	Taught since graduation.....	Makanda
Lindsay, David W.....	Taught since graduation.....	Greenville
Morgan, Charles M.....	Student of Law.....	Ann Arbor, Mich.
Reef, William A.....	Taught 1 year. Stenographer....	Leadville, Col.
Richards, Kate E.....	Taught since graduation.....	Delphos, Kan.
Street, Jasper N.....	Taught since graduation.....	Kinmundy
Trobaugh, Frank E.....	Taught 1 year.....	Jackson Co.
Wham, Maggie.....	Taught 1 year.....	Vandalia

1889.

Allyn, Lois A.....	Taught since graduation.....	Winchendon, Mass.
Bridges, Mary E.....	At home.....	Carbondale
Colyer, Frank H.....	Taught since graduation.....	Browns
Kimzey, Walter R.....	Taught since graduation.....	Tamaroa
McMeen John D.....	Taught since graduation.....	Murphysboro
Parkinson, John M.....	Taught since graduation.....	Mt. Carmel
Parks, Lizzie.....	Taught since graduation.....	Coulterville
Wallis, William.....	Taught since graduation.....	Herrin's Prairie

CALENDAR FOR 1890-91.

Fall Term begins Monday, September 8—ends Thursday, December 18, 1890.

Winter Term begins January 5, 1891, and closes March 19, 1891.

Spring Term begins March 23, 1891, and closes June 11, 1891.

Examinations for the year begin June 8, 1891.

Annual Commencement, June 11, 1891.

CALENDAR FOR 1890-91.

1890

JULY.

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AUGUST.

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SEPTEMBER.

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OCTOBER.

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DECEMBER.

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1891

JANUARY.

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FEBRUARY.

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MAY.

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JUNE.

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