

BULLETIN
OF THE
First District Normal School
KIRKSVILLE, MO.



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First District Normal School
KIRKSVILLE, MISSOURI

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SUMMER SCHOOL.

Eleven Weeks, June 1st to August 12th, 1910.

Purpose: The Summer School utilizes time and energy. It is a productive agency in civilization. It removes all cause and all excuse for idleness heretofore entailed by long summer vacations. It is a new enabling clause in our educational constitution. It enables **ambitious teachers** to do in the summer time **advanced student work** whereby they may secure from state and county authorities the certificates and the professional recognition through which they may command better positions and render more efficient service. It enables the high school and college student to pursue school studies continuously and finish in three calendar years the four years of high school or college studies.

The Summer School has effectively uprooted and relegated an old **tradition**, one built on a **false foundation**, which was to the effect that people engaged in intellectual pursuits needed much time for rest and relaxation. The Summer School emphasizes the well known fact that the world's real workers have not wanted rest in the summer time and have seldom had it, excepting when by violation of the laws of health their constitutions have been impaired. The world's greatest mental work has been done in the summer time. The world's workers are in the best of health in the summer time. Many now engaged in education desire employment in those institutions that have continuous sessions, so that vacations, if taken at all, may be had while the bleak winds of February and March are whistling.

The health of men, animals and plants is best and disease ebbs at its lowest in summer time. Colds, grippe, pneumonia, chills, measles, smallpox, diphtheria, scarlet fever, rheumatism and all their attendant train of endless evils go into voluntary retirement just in advance of the heralds of summer time.

Kirksville a Health Resort: The City of Kirksville has never been advertised as a real health resort but it is an exceptionally healthful place. Its very high altitude, its pure water, its well shaded and paved streets, its beautiful lawns make it equal to the best health resort in the State. Of this fact there is no reason for doubt. The Campus of the Normal School is a veritable beauty spot. Its well kept lawns, its shady walks and beautiful driveways, its lake fed from fountains, its great buildings cooled by motor driven fans, its gymnasiums (indoor and outdoor) its baths, its summer playgrounds—these all contribute to make the Summer School environments highly exhilarating life forces.

It is expected and not doubted that a majority of the students who classify June 1st will return to their homes at the close of school on August 12th in better health and spirits than when they entered the Summer School. Anticipation of this fact is justified by experience of the past.

Some Attractions: There will be no opportunity for life to become monotonous in the Summer School. The daily assembly about 10 A. M. will continue affording fine musical programs in which all may participate. There will be social entertainment by the Faculty, by the Y. M. C. A., the Y. W. C. A. and various other organizations. Several of the literary societies and debating clubs and other clubs will continue their sessions during the summer. The Y. M. C. A. and the Y. W. C. A., in their beautiful and healthful rooms, will be a source of enjoyment and inspiration, both on Sundays and on week days. The Military Company should be an attraction to the young men. About the first of August the Kirksville Chautauqua Assembly will be held on the Normal School grounds. It will offer many of the best attractions that the country affords. There will be other sources of instruction and entertainment. The buildings, laboratories, libraries, gymnasiums, athletic field, campus and surroundings contribute to intellectual uplift, to physical health and profitable enjoyment.

Room and board in private families at the usual rates, about \$3.50 per week.

Incidental Fee \$6.00 per quarter. Gymnasium Fee \$1.00 per twelve months paid at opening of first enrollment within twelve months.

County and State Certificates. Provision is made by the State Board of Education to the effect that grades secured in approved summer schools may be accredited on state and county certificates. A student having credit for the work of forty-five days in each of two subjects may be credited for those two subjects. A student having credit for the full Summer School term in three subjects may be credited on state and county certificates for those subjects, but "no grade is to be certified unless the student remains till the end of the term," and no student shall be entitled to receive credit who shall pursue a greater number of studies than the number for which credit may be obtained, except that a student may have additional work or exercise in

subjects which do not require preparation, i. e., in such subjects as gymnasium work, elementary free hand drawing, elementary manual training, sight reading in vocal music, reading and voice culture, etc. "This shall not be construed to allow students to take as a study not requiring preparation any subject which is required for a first grade county certificate; nor shall any credit be allowed for such additional subject not requiring preparation." It will, therefore, be seen that the privileges as regards certification are identical with those of former years.

A People's College: The State Normal School is attempting to do a great work for the people of the State by giving studies that reach from the kindergarten through the most advanced college courses. This wide range of work, meeting the demands of all the people, is found in few schools of any kind. Advanced common school courses are given for the benefit of those who are preparing to teach in the rural and so-called ungraded schools. Professional honors are conferred upon those who complete definite advanced courses such as the best colleges give, provided these definite advanced courses are for vocational purposes. This school is to prepare people for the great vocation of teaching in the public schools of the State—the public schools of all grades and kinds. This school is in close touch with the people. It comes nearer to the people at large than any other kind of school can come. It may, therefore, be justly called "The People's College."

Vocational and Cultural Education. There is increasing demand for education that serves the double purpose of the vocational and the cultural. Various attempts are being made to modernize American Education. The up-to-date Normal School is the leader, the pre-eminent leader in this great work. The Colleges and Universities have too long clung to the merely cultural forms of education. Each year sees the lovers of the old traditions yielding a little more. Each year sees the University and the College growing more friendly and more conciliatory towards real vocational education. But the **Normal School has been on this practical platform for many, many years.** The Normal School assumes that we should take capable people as they are and develop in them what there is to be developed through their needs and inclinations, all based upon their inheritance and their present acquirements.

COURSES.

Agriculture for Teachers: This course is especially designed for teachers who have already some general knowledge of agriculture. A rapid review of the elements of agriculture will be made, then a course of study in agriculture for rural, elementary and high schools will be carefully constructed and worked out. Apparatus for executing it will be gathered, constructed, used and studied. The experiments and exer-

cises will be tried-out with the special view to their location and use in the course of study. It is also planned to devote a portion of the time in this course to the study of the principles of school sanitation and to the gathering and utilization of simple things needed in school sanitation

First Quarter Agriculture. The purpose of this course is to introduce the student to the entire field of general agriculture, in so far as this can be done in the time allotted. The time is to be divided equally between class room discussion on the one hand and the laboratory and school garden on the other.

Industrial and Agricultural Chemistry. This will be in collaboration with the Professor of Chemistry and open only to students of advanced chemistry. The agricultural phase of this course includes ten experiments in dairy chemistry and in the determination of moisture, protein, ether extract, crude fiber, carbohydrates and ash in agricultural products. It also includes a short course of study in the principles of feeding.

Chemistry. The first, second and third quarter courses in **general chemistry** will be offered. Two courses will be offered in **analytical chemistry**, one in quantitative analysis and one in qualitative analysis. These courses prepare students to do such work as assaying and determining the unknown properties of a material. One course will be offered in **applied chemistry**. This course is to familiarize the student with such work as the commercial chemist is called upon to do. The student analyzes fertilizers, stock foods, fermented juices, prepared foods, preservatives, sugars, fruits, dairy products, fats, drugs, etc. The Department of Agriculture assists in the work of giving the chemistry of milk testing and of feeding. There will be one course in **organic chemistry**. The student manufactures the types of organic products and studies their uses. The department is exceptionally well supplied with apparatus for water analysis. In this course the student determines the organic matter, free and albuminoid ammonia, nitrites and nitrates and all the salts in water. He learns to interpret the chemical and bacteriological results as data for determining as to the fitness of water for household use.

Photography. A representative of this Institution recently learned that the Department of Education in the State of New York had command of some two hundred and more outfits illustrating school studies with stereopticons and lantern slides. It is not doubted now by the well informed that one of the simplest and most serviceable of all utilities for illustrating and exemplifying school studies is the lantern slide. This Institution being a vocational institution to prepare teachers for their vocation, has undertaken to organize the best and most practical depart-

ment of photography, lantern slide making and photo engraving to be had in an educational institution. It is proposed to teach a large number of actual prospective teachers how they may utilize their knowledge of physics and chemistry through photography and lantern slide making and how they may equip their several schools with lanterns and lantern slides at very small expense. This includes high schools, graded schools, rural schools, all kinds of public schools. Our Model Rural School has its room for photography. It is now being equipped with up-to-date stereopticon apparatus of various kinds. The fifth grade geography pupil in a rural school, the seventh grade history pupil in every school has a right to the advantages which are offered through such simple and inexpensive equipment as the lantern and lantern slide afford. Our facilities will enable about 150 students of the Summer School to secure substantial mastery of photography, lantern slide making and the use of the stereopticon.

Department of Commerce. Instruction will be offered in all the regular courses of the department. This will include the four quarters in bookkeeping and business practice, affording students opportunity to take up the work at whatever point they may be prepared to start with. Since individual instruction is given, progress is not limited, excepting by the time and aptitude of the student for the work. Commercial law is given in connection with these courses. A beginning class will be offered in stenography. It is possible to master the principles of the system in one quarter. An advanced class will be open to those who are prepared to do speed practice.

Typewriting is offered to students of this subject and also to advanced students in bookkeeping and library cataloging. There will be one special class in the geography of commerce, provided there is sufficient demand for it. This subject is profitable, not only to high school teachers expecting to teach it, but there are many things connected with it which can be utilized in making vital the teaching of ordinary geography in the elementary schools. There will be frequent excursions to mines, factories, etc. An excellent stereopticon with an abundance of slides is continually part of the equipment. The negatives of those slides are available to those who intend to prepare for teaching this subject and who wish to gather equipment for the same. This department thus far has not been able to supply the steadily increasing demand for teachers of commercial subjects. Statistics show that during the past school year the number of students in stenography and typewriting attending the high schools of Missouri has more than doubled. There is, therefore, very great encouragement for ambitious teachers to prepare themselves to teach commercial subjects.

Drawing. Many courses will be given. These will include **advanced drawing and applied art, out of doors sketching, still life and botanical drawing.** Some of the materials used in the applied art will consist of leather, brass, copper and stencil material. Drawing has very high value in all its forms, both for utility and for culture. All teachers need knowledge and skill in drawing. Many of the summer school students will teach in rural schools and in the elementary schools of villages. They need the largest possible knowledge and skill in the various forms of Art, in Drawing, in Painting, in Applied Art and in the subjects allied to Art. We shall undertake to offer all the advantages that can be given with good modern facilities and two skillful teachers.

English. Three quarters will be given in elementary Literature with Composition corresponding to the regular first, second and third quarters. Rhetoric and Composition will also be given in three different courses. There will be classes in Literature and in Grammar with a view to the special methods of elementary teachers. There will probably be two large classes in the Pedagogy of Language and Literature. These will be taught by the head of the Department. There will be the following classes in literature of college rank: English Literature, American Literature, Shakespeare, and 19th Century Prose.

German. There will be some six or seven different courses in German. All these courses are to be of college rank and the requirements are to be as exacting as those of the best college and university classes bearing the same designation. There will be classes in first year German, first and second quarters; in Advanced Composition and in fifth year German, first quarter, the last mentioned to include two from Goethe's Dramas, the same to be read and discussed in lectures and to be accompanied by papers of pupils conducted in German.

Gymnasium Work. The various forms of Gymnasium Work are to be offered for both men and women. Special provisions are being made for instruction in Playground Work and Games for Public School Pupils. Considerable apparatus is being purchased and built for the outdoor gymnasium classes.

History and Government. The courses in History and Government will be as follows:

I. High School Courses:

1. American History classes in 1st, 2nd and 3rd quarters.
2. Civil Government classes in 1st and 2nd quarters.
3. Ancient History, 1st quarter.

II. College Courses:

1. Ancient History, 1st, 2nd and 3rd quarter classes, i. e., Oriental History, Greek History, Roman History.
2. Medieval History.
3. English History.
4. American Political and Constitutional History 1st, and and 3rd quarters.
5. 18th and 19th Century History, 3rd quarter.
6. Politican Institutions or Ancient Life, the class to be determined by the number of students demanding the same.
7. Missouri History, the object of which will be to interest teachers in how to study and teach local history.

Latin. Courses will be offered in First Year Latin, 1st, 2nd and 3rd quarters; in Caesar with composition, 1st, 2nd and 3rd quarters; in Cicero's Orations with Composition; in Sallust's *Bellum Catilinae* with Composition; in Vergil's *Aeneid*; in Tacitus with Composition. Other classes will be organized if there is sufficient demand.

Library Work. Courses in Library Work will be offered as heretofore.

Manual Training. Paper Cutting and Card Board Construction; Basketry; Weaving; Clay Modeling; Bench Wood Work; Elementary Sculpture; Forge Practice, Wood Turning; Mechanical Drawing; Architectural Drawing; Descriptive Geometry; Pattern Making; Carving; Bent Iron and Sheet Metal Work; Manual Training Design; Practice Teaching in Manual Training.

Mathematics. Inspection of the tentative daily program, shown elsewhere in this Bulletin, will give a pretty good idea of the plan of work in Mathematics. There will be four different courses in High School Algebra, three courses in Plane and Solid Geometry, two courses in Trigonometry, one course and probably two in College Algebra; courses also in Analytical Geometry and Calculus. The usual intensive courses in Surveying will be given, to which only those will be admitted who are well qualified and who are prepared to devote to the subject the full time usually required for three regular studies, so that within three months' time the work may be done which usually requires nine months. One of the most practical subjects given in the Mathematics Department is the Pedagogy of Arithmetic and Algebra, in which the salient features of both subjects are emphasized, illustrated and discussed.

Music. The course for the summer term is somewhat different from any planned heretofore. There will be three classes in "Rote

Singing" covering the entire subject as far as it should be introduced in the public schools; also three classes in singing by note, or Sight Reading, embracing the work that should be done from the first to the eighth grade, inclusive. A special class, as usual, for those who wish to become supervisors of Music. A sight reading class for men and a class in the Biography of Musicians will be given. Classes in Harmony, Counterpoint, etc. A special feature will be made of the General Chorus Work.

Physics. Two courses will be offered in this subject:

1. **Mechanics of Solids and Fluids and the Principles of Heat.**

This course constitutes the first quarter's work of the regular course in College Physics. It is essentially a beginning course for mature students. Some knowledge of trigonometry will be found helpful in taking this subject. Some instruction is given however, in this subject as needed. Students taking this work should bring their elementary texts for reference and for comparison in high school methods of presentation.

2. **Electricity.** This course can be taken by students who have had a high school course in physics and by those taking course 1. The theory and knowledge of the subject are developed through a carefully planned and correlated series of experiments for the student, and demonstrations of the more difficult features by the instructor. An attempt is made to give the student a clear understanding of the fundamental facts of the subject and to have him acquire these facts and conceptions in a manner that is fruitful in mental discipline.

This course is the equivalent of the third quarter of the year in College Physics.

Physical Geography. The course consists of a study of surface features and their origin, uplift and erosion and resulting land forms. It is illustrated by maps, models, pictures, lantern slides and work in the field. The Department is supplied with hundreds of maps, lantern slides and stereoscopic views; also with abundant library facilities. The course is valuable for teachers of both Geography and History. A knowledge of the operation of nature as taught in this course, has value in many ways. Students should bring such books on the subject as they have. Even grammar school geographies are valuable for reference. The course leads to a somewhat minute knowledge of localities in outline and relief. A mere knowledge of relief is valueless without distinct and definite location. The course is extremely interesting and sufficiently difficult to demand diligent effort on the part of students.

Physiology. If demanded, a good illustrated course in Physiology

will be offered. It is, however, recommended and preferred that teachers select one of the courses in Zoology. It happens that Zoology courses not only stand for Zoology, but they include pretty nearly all that is usually given in schools and colleges under the head of Physiology.

Reading and Voice Culture. The usual courses will be offered in Reading and Voice Culture.

Zoology. 1. Biology for teachers. This course considers all the problems to be met by the teacher in presenting this subject either as Nature Study in the grades, or in the high school.

2. General Zoology is for students desiring a general course in Zoology.

3. Zoology of College Rank is offered to students prepared to pursue it with profit.

4. Birds. This is a laboratory, field and text-book course in the study of our Missouri birds. It is a profitable course for teachers.

Theory of Education. To the end that prospective teachers may come into a conscious grasp of principles that underlie education in general and the processes of teaching in particular, the following courses are offered:

1. Elementary Psychology.
2. Principles of Teaching and Management.
3. The Science of Education.
4. The Principles of Administration.
5. The History of Education.
6. The High School and Its Problems.
7. Advanced Psychology.

The Elementary School with its eight grades and its Kindergarten deals with education from the standpoint of practice. In this school is offered opportunity for teaching and for observing others in teaching; also opportunity for discussing with the supervisors and critic teachers special subjects and special problems as they arise in the daily work. The out of doors play grounds with out of doors gymnasium and play supervision, as well as the school gardens, will be stimulating to rural teachers no less than to town and city teachers.

Rural School. The Rural School building is undergoing many changes, but the school will be in session during the first four weeks of the Summer Term, at least that is the intention, children being brought from the country in a covered wagon as usual.

For further particulars address

JOHN R. KIRK, PRESIDENT.

TABULAR VIEW OF COURSES OF INSTRUCTION.

Definitions:—"One quarter" means 12 weeks in one subject. "One unit" means three quarters or nine months in one subject or in a series of related subjects, five periods per week, periods being approximately one hour in length, sciences having double periods.

"One year" means three quarters or nine school months.

"ELEMENTARY COURSE."

Freshman Preparatory Year (of Fr. High Sch. Rank).

- | | | |
|---|---|------|
| 1. Adv. Gram., Comp., & Lit. (after completing 8th grade Gram.)..... | 1 | unit |
| 2. Anc. Hist. or Am. Hist., (after completing the usual 8th grade course)..... | 1 | " |
| 3. Adv. Arith. & H. Sch. Alg., (after completing the usual 8th grade course)..... | 1 | " |
| 4. Voc. Mus., Drawing, Manual Training, Physical Education..... | 1 | " |

Sophomore Preparatory Year (of Soph. H. Sch. Rank).

- | | | |
|---|---|------|
| 1. English & American Literature with Composition..... | 1 | unit |
| 2. M. & M. Hist. or Civics and Sanitation ("Physiol.")..... | 1 | " |
| 3. High School Algebra, complete..... | 1 | " |
| 4. Latin or German or Agriculture..... | 1 | " |

Freshman Year (of Jun. H. Sch. Rank).

- | | | |
|--|-----|------|
| I. Four units from the following: | | |
| 1. Eng. & Am. Lit. or Rhetoric..... | 1 | unit |
| 2. Am. Hist. or Anc. Hist..... | 1 | " |
| 3. Geometry (Plane & Solid)..... | 1 | " |
| 4. Latin or German..... | 1 | " |
| 5. Botany or Agriculture..... | 1 | " |
| 6. Commercial Subjects..... | 1 | " |
| 7. Harmony 3 qr., Dr., M. Tr., R. & V. C., Physical Education..... | 1 | " |
| II. Psychology..... | 1/2 | " |

Sophomore Year (of Sen. H. Sch. Rank)

- | | | |
|--|-----|------|
| I. Three units from the following: | | |
| 1. Rhetoric or Literature..... | 1 | unit |
| 2. Civics and Sanitation or Anc. Hist. or M. & M. Hist..... | 1 | " |
| 3. Geometry..... | 1 | " |
| 4. Latin or German..... | 1 | " |
| 5. Botany or Agriculture or Physics or Zoology..... | 1 | " |
| 6. Commercial Subjects..... | 1 | " |
| 7. Harmony or Counterpoint. Form..... | 1 | " |
| II. Concrete Pedagogy & Philosophy of Teaching..... | 2/3 | " |
| III. Teaching in Elementary School..... | 1/2 | " |
| IV. Ped. A. & A. and Ped L. & L. secured in various ways owing to maturity of student..... | 2/3 | " |

SUMMARY.

- | | |
|------------------------|---|
| 1. Fr. Prep. Yr..... | Academic Units 4; Pedagogic Units 0 |
| 2. Soph. Prep. Yr..... | Academic Units 4; Pedagogic Units 0 |
| 3. Freshman Yr..... | Academic Units 4; Pedagogic Units 1/2 |
| 4. Sophomore Yr..... | Academic Units 3; Pedagogic Units 1 1/2 |

Total.....Academic Units 15; Pedagogic Units 2

Constants:—3 units of English, 2 of Mathematics, 1 of History; also 1 of Civics and sanitation; also all pedagogic requirements.

On completion of the above stated courses, the candidate receives the "Elementary Certificate" valid in any county of Missouri for two years.

INTERMEDIATE PROFESSIONAL COURSE,

A First Year or Freshman Teachers College Course.

Graduates of accredited high schools, having four years' courses, receive credit for the work shown in their high school records. They may receive the "Elementary Certificate" on completion of the following pedagogic requirements:

- | | | |
|---|---|------|
| 1. Psychology..... | 1 | qr. |
| 2. Pedagogy and Philosophy of Teaching..... | 2 | qrs. |
| 3. Pedagogy of Arithmetic and Algebra..... | 1 | qr. |
| 4. Pedagogy of Language and Literature..... | 1 | qr. |
| 5. Voc. Mus., Drawing, Man. Tr..... | 3 | qrs. |
| 6. Teaching in Elementary School..... | 1 | qr. |

The minimum time requirement for High School graduates is two quarters, or six school months, but the time usually taken is nine months.

"ADVANCED COURSE."

(All Courses being of College Rank.)

Second Year or Junior Teachers College Year.

- I. Three quarters or nine months each in four of the following subjects:
 - 1. American or English Literature
 - 2. Ancient History or Mediaeval & Modern History or Am. Const. Hist
 - 3. Trig. & Col. Alg. or Col. Alg. and Analytics
 - 4. Latin or German or French
 - 5. Agri. or Zool. or Ph. G. or Chem. or Physics or Thremmatology
 - 6. Commercial Subjects
 - 7. Library Economy
 - 8. Form, Instrumentation and Orchestration
- II. General Pedagogy or Teaching, 12 weeks

Third Year or Senior Teachers College Year.

- I. Three quarters or nine months each in two of the following subjects:
 - 1. English or American Literature
 - 2. Anc. Hist. or Med. & Mod. Hist. or Am. Const. Hist. or Eng. Hist. or Anc. Life or 18 & 19 Century History
 - 3. Trig. & Col. Alg. or Col. Alg. and Analytics or Analytics & Calculus
 - 4. Latin or German or French
 - 5. Chemistry or Physics or Thremmatology
 - 6. Commercial Subjects
 - 7. Library Economy
 - 8. Hist. Music, Biog. Music, Applied Music
- II. History of Education, 6 months
- III. School Administration, 3 months
- IV. Teaching, Elementary or High Sch. 6 months, or Gen. Ped. 3 months & Teaching 3 months

On meeting the requirements of the "Elementary Course" and of the above stated "Advanced Course," a diploma is conferred which includes a teacher's state certificate valid for life.

SUMMARY OF "ADVANCED COURSE" (Life Cert.)

1. El. Course.....	Academic Units 15, Pedagogic Units 2
2. Sen.-Jun. Yrs....	Academic Units 6, Pedagogic Units 2
Total.....	Academic Units 21, Pedagogic Units 4

Constants:—Every Diploma must include (1) The requirements of an "Elementary Certificate;" (2) Plane and Solid Geometry which may be taken in the "Elementary Course" or a subsequent course. (3) One year of College English; (4) One year of College History; (5) One year of College Science; and (6) The pedagogic requirements of the Junior and Senior Years.

Fourth Year of the A. B. in Education Course.

Three quarters or nine months each in four of the following subjects:

- 1. History of the English Language or Elizabethan Literature
- 2. Med. & Mod. Hist. or Eng. Hist. or Am. C. H. or Anc. Life or 18-19 C. H.
- 3. Col. Alg. & Analytics or Analytics and Calculus or Surveying
- 4. Latin or German or French
- 5. Chemistry or Physics or Biology
- 6. Library Economy
- 7. History and Philosophy of Education

Fifth Year of the A. B. in Education Course.

Three quarters or nine months each in four of the following subjects:

- 1. 19th Century Literature or Shakespeare, Tennyson & Browning
- 2. Eng. Hist. or Am. Const. Hist. or Anc. Life or 18-19 Cent. Hist.
- 3. Adv. Col. Alg. & Analytics or Analytics & Calculus or Surveying
- 4. Latin or German or French
- 5. Chemistry or Physics or Biology
- 6. Library Economy
- 7. Elective professional work for specialization

The degree Bachelor of Arts in Education is conferred upon those who complete the fifth year of the A. B. in Education Course.

Tentative Daily Program, June 1 to August 12, 1910.

	ROOM	7:00-7:55	7:55-8:50	8:50-9:45	10:15-11:05	11:05-11:55	1:05-2:00	2:00-3:00	3:00-4:00
B. P. Gentry	17B	Cic. 1 qr.	Tacitus	Cae. 2 qr.	Sallust	Caesar 2 qr.			
T. Jennie Green	19B		Lat. 2 qr.	Cae. 1 qr.	Cae. 3 qr.			Lat. 1qr.	Ovid 2 qr.
J. W. Heyd	12A	Goethe	Convers. & Comp.	Ger. 2 yr. 3 qr.	Adv. Comp.	Ger.1qr.			
W. A. Lewis	9C		Gen. Chem. 1 qr.	Gen. Chem. 3 qr.	Gen. Chem. 2 qr.		Qual. Anal.		
J. E. Rouse	9C		Lab. Work by Agreement		Photog. by Agreement.		Quan. Anal. Applied Chem.		
J. S. Stokes	4B	Col. Physics 3 qr. (Electricity)			Col. Physics 1 qr. (Mechanics)			Phys. Geog. 1 & 3 qrs.	
L. S. Daugherty	2C	Col.Zool.			Gen. Zool.			Birds	
H. H. Laughlin	15B	Agri. for teachers			Gen. Agri, 1 qr.		Agri. Chem.		
H. W. Foght	21B		Am. C. H. 2 qr.	Am.H. 2 qr.			Am. C. H. 3 qr.	Am. C. H. 1 qr.	
Eugene Fair	20B	Greek Hist.	Rom. Hist.	O. Hist.		Anc. Life or Pol.I.			
E. M. Violette	20B				Med. Hist. 1 qr.	18 & 19 C. H. 3qr.		Eng. Hist. 2 qr.	Mo. Hist.
A. J. Newman	20B				Anc. H., H. S. 1 qr.		Am. Hist. 1 qr,		
A. Otterson			Civ. Gov. 1 qr.27C	Alg. 2 qr. 16B	Civ. Gov.2 qr. 16B			Am.Hist. 3 qr. 17B	Alg. 1 qr. 17B
H. C. Harvey	14B		Ped. of A. & A.	Hist. Math.	Ped. A. & A. 12B		Surveying in Field		
Byron Cosby	16B	Alg. 3 qr.	Pl. Geom. 1 qr.	Sol. Geom. 14B]				Col.Alg.2qr .	Calc. 2 qr.
W. H. Zeigel	12B		Trig., Pl. 1 qr.	Alg. 4 qr.	Col. Alg. 1 qr. 14B		Analytics 2 qr.		Trig. 2 qr.
G. H. Jamison						Pl. Geom.2qr. 16B			
Mark Burrows	25B		Shorthand 1 qr	Typewriting.	Bookkg & Bus. Practice.		Adv. Shorthand.	Geog. of Com.	
A. P. Settle	23C		Am. Lit. 1qr.		Ped. L. & L.			Ped. of L. & L.	
Minnie Brashear	27C				Gr. & Comp. 1 qr.		Shakespeare.	Gr C. & Lit. 2 qr.	Gr. C. & Lit., 3 qr.
E. R. Barrett	25C	Gen.Eng.Lit., 2 qr		Lit. 3 qr.	Rhet. 2 qr.	19 Cent. Prose			
F. W. Plunkett	25C		Lit. 2 qr.	Rhet 1qr. (27C)		Rhet. 3 qr. 27C	Lit. 1 qr. 23C		

D. R. Gebhart	14C		Biog.		Voc. Mus. 3 qr.			Teachers Special	
Edith V. Sharpe	12C		St. Rdg. 1-4grds.			St. Rdg. 5-8grades		Voc. Mus. 1 qr.	
Frances T. Crowley	12C		Rote Sing 1-3grds.	Voc. Mus. 1 qr.	Voc. Mus. 2 qr.				
Nellie Buzard	14C				Harmony 2 qr.	Harmony 1 qr.	Harmony 3 qr.		
Leota L. Dockery	33A	Gym.	Gym.	Gym & Playground	R. & V. C.	R. & V. C.			
	2A			Gym.	Gym.			Gym.	Gym.
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Susie Barnes			Ru. Sch.	Ru. Sch.	Ru. Sch. & Theory	Ru. Sch.		Theory.	

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