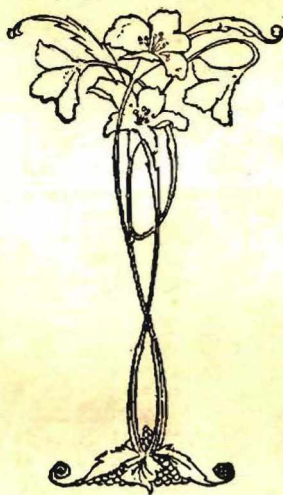


Third Annual Announcement



The Cameron State School of Agriculture



A Secondary School of Agriculture for the
Fourth Supreme Court Judicial District

Opens Tuesday, September 5, 1911

Lawton, Oklahoma

CALENDAR 1911-1912

JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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JANUARY							FEBRUARY							MARCH						
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SCHOOL CALENDAR, 1911-12

The session will consist of three terms of sixteen, ten, and ten weeks respectively. This does not include the Christmas holidays.

The Fall Term begins Tuesday, September 5, 1911, and closes Friday, December 22, 1911.

The Winter Term begins Tuesday, January 2, 1912, and closes Wednesday, March 13, 1912.

The Spring Term begins Thursday, March 14, 1912, and closes Thursday, May 23, 1912.

Commencement Day, Friday, May 24, 1912.

The Christmas holidays begin Saturday, December 23, 1911, and close Monday, January 1, 1912.

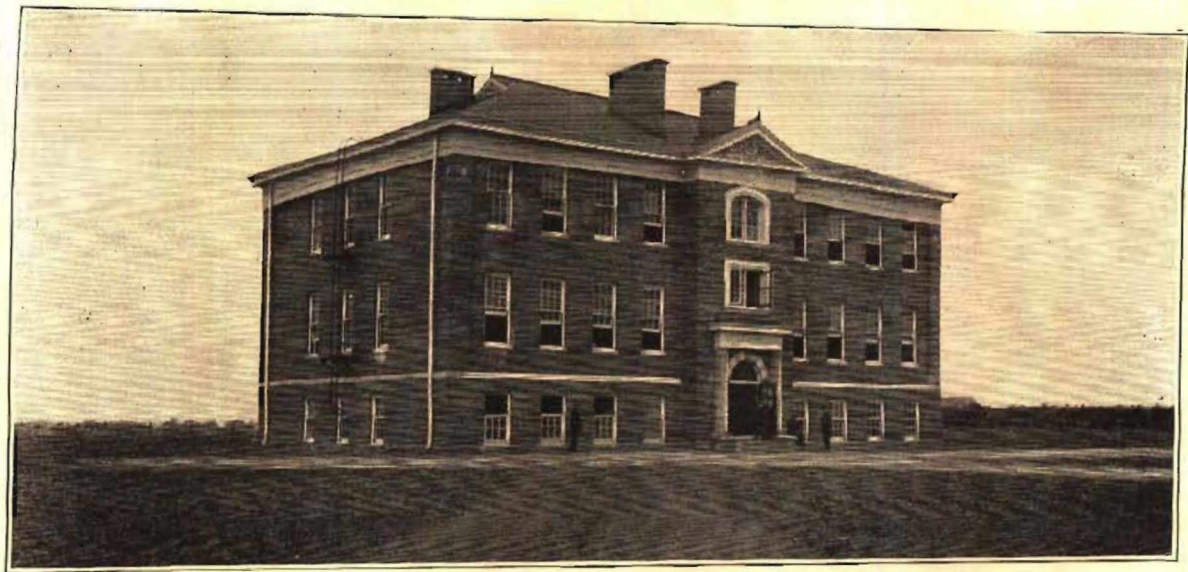
BOARD OF REGENTS

Oklahoma State Board of Agriculture

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HON. DAN DIEHL, Vice President.....	Gotebo
HON. R. F. WILSON, Treasurer.....	Valliant
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HON. FRANK IKARD.....	Chickasha
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HON. BENJ. HENNESSY, Secretary.....	Oklahoma City

Department of District Agricultural Schools

B. C. PITTTUCK, Dean.....	Oklahoma City
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MAIN BUILDING

FACULTY

J. A. LINER

Superintendent

A. H. CHAPMAN

Agriculturist

MRS. DORA COX FRYE

Professor of Mathematics and English

CECIL KIRKPATRICK

Professor of Domestic Science and Arts

C. E. HANSON

Professor of Drawing and Manual Training

JENNIE EDWARDS

Instructor

EARL G. FULLEN

Professor of Music

The Cameron State School of Agriculture

The Cameron State School of Agriculture is located at Lawton, Comanche County, Oklahoma, and represents the Fourth Supreme Court Judicial District, comprising the counties of Oklahoma, Canadian, Cleveland, Caddo, McClain, Grady, Garvin, Comanche, Stephens, Murray, Jefferson, Tillman, Jackson, and Harmon.

Management

Under constitutional and statutory provisions the Oklahoma State Board of Agriculture is the Board of Regents of this and like schools. These men are deeply interested in the development of agricultural and industrial education and may be relied upon to carry out the purposes and intent of the law establishing secondary agricultural schools in this state. The immediate supervision of all agricultural schools is directed through the Department of District Agricultural Schools, B. C. Pittuck, Dean, Oklahoma City, Oklahoma. Local government is in the hands of the Superintendent and Faculty.

Lawton

Lawton is on the C., R. I. & P. and St. L. & S. F. Railways, and is of easy access from all parts of the district. Lawton is a town of about 9,000 inhabitants, and is supplied with all the modern public utilities. Lawton has fifteen churches representing all the denominations.

Purpose

The First State Legislature, in providing for the establishment of secondary agricultural schools, intended that these schools should afford a more practical form of education to the boys and girls of Oklahoma than had been at their command. Holding this purpose and intent in view the Cameron State School of Agriculture offers a useful and practical education to the boys and girls of the farms, villages, and towns, in the Fourth Supreme Court Judicial District, who are not yet prepared for true college work, or because of a lack of time or money, cannot pursue a regular collegiate course of study. No course other than an industrial course is offered, but complete instruction under competent teachers is provided for in arithmetic, algebra, geometry, history, reading, bookkeeping, grammar, rhetoric, composition, etc., all of which will be of such a nature as to be useful to every boy and girl. The courses are designed to teach the student not only how things should be done, but how to do them.

In addition to the school work it is intended that the farm shall be used to promote the development of the agricultural resources of the district. To carry out this end the experiment station and crop demonstration work is carried on with special reference to the needs of the farmers of the district in which the school is located.

Buildings

The State has just completed a commodious central building which will accommodate more than 300 students. Each department will have rooms in this building designed for its special use—dairy laboratory, soil physics and farm crops, carpentry, blacksmithing, domestic science and arts (cooking and sewing), general academic work, are all provided for, and in addition to these a library room, offices and a large auditorium. The building is steam heated throughout and is thoroughly sanitary in all its equipment.

Equipment

The equipment of the various departments of the school looks towards a practical application of things with which the student is familiar.

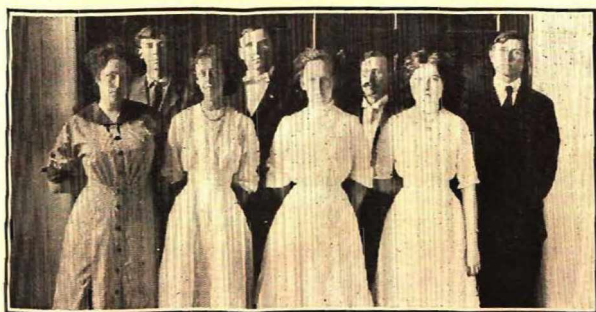
Library.—A well selected library including historical, literary, scientific and industrial works, agricultural periodicals and experiment station reports, is available for student use. Every department is represented in the library and students are required to do collateral reading and reference work. Students are allowed under certain rules to take books to their rooms.

Mathematics, English and History.—The equipment of this department is very largely represented in the school library, but in addition it is supplied with class room charts, globes and models.

Agriculture.—This department is equipped with soil physics apparatus, gasoline and steam engines, cream separators, churns, butter workers, Babcock testers, and all necessary farm tools, implements and machinery. With this equipment the physical properties of soils are tested; the draft of farm implements is determined; milk is tested for composition and adulteration; butter is made; the purity and viability of seeds determined, etc. The farm with its live stock, implements and machinery is an important part of the equipment of the agricultural department.

Domestic Science and Arts.—The kitchen, dining room, laundry, store room and sewing room are carefully and practically equipped. Each student is furnished with a complete set of utensils and kitchen apparatus and a locker for same, and is held responsible for its proper care and condition.

Drawing and Manual Training.—The drawing room is furnished with drawing benches, blue print apparatus and models. The carpenter shop is equipped with eighteen modern work benches. Each student is supplied with an individual set of edged tools, consisting of a quarter inch chisel, half inch chisel, one inch chisel, one and one-half inch plane bit, and a two inch plane, which he is required to keep in good working order. The general tools in each bench are a rip saw, cross cut saw, back saw, rule, marking gauge, dividers, try square, hammer, mallet, T-bevel, screw driver, oil stone, sloyd knife, bit brace, spoke shave, smooth plane and a jack plane. The department is equipped with a set of general tools such as a universal plane, jointers, saw set, key-hole saw, draw-knife, wrenches, clamps, auger bits and gluing apparatus. The blacksmith shop is equipped with fifteen forges, anvils and sets of tools. Each set of tools consists of a blacksmith's hammer, machinist's hammer, set hammer, square flatter, hardy, top and bottom fullers, top and bottom swages, small square, calipers, several tongs and punches, which the student is required to keep in good condition. In addition to these the shop is supplied with screw plates, drills, vises, grindstone, emery grinder, a fifty-inch exhaustor and a nine horse power gasoline engine. A special reference library consisting of the latest and most practical books on these subjects is supplied for the use of students in this department.



SCHOOL OCTETTE

Music.—Common school music is required of all students. The department is thoroughly equipped for this purpose. In addition musical organizations are encouraged and the direction of these is without cost to the student.

Students are encouraged to organize musical organizations, such as the orchestra, band, and mandolin clubs. The Professor of Music gives his services to these without cost to the student. Students who take advantage of this instruction are required to show their appreciation by faithful work, otherwise they will not be allowed to continue.

Physical Training and Athletics.

Systematic individual work in physical culture is required of all students. This work is under the supervision of competent teachers.

The school authorities foster all kinds of clean manly and womanly games, and these are carefully supervised and controlled by the Faculty, and are never allowed to interfere or overshadow the school work. The students have a live athletic association, and baseball, tennis, basket-ball, and track teams are organized in season.

Rules and Regulations

The daily life of the student while attending the school is subject to the supervision of the Faculty.

The use of tobacco on the school grounds, and the use of spirituous liquors of all kinds are strictly forbidden.

Any one unwilling to comply with these rules should not apply to the school for admission.

Students Earn Money

Many of the male students earn money about town and on the school farm. Some young women find good homes with families in Lawton where they can earn their board.

Literary Societies

Two literary societies have been organized in the school. The Department of English recognizes work done in the societies, and urges all students to associate themselves with one of these societies as early in the course as possible.

Student Associations

Young Men's Clubs and Christian Associations are being organized. Similar associations will be formed among the young women. The purpose of these associations is to build up the moral and spiritual character of the students and afford social culture and refinement.

Fees

An incidental fee of \$1.50, payable upon entrance, is charged each student. A fee of \$2.50 per month will be charged all students whose parents or guardians do not live in Oklahoma.

Cost of Living

The cost of living in Lawton is very little greater than the cost of living at home. Good board in private families can be procured at \$14 to \$18 per month, including lodging, lights, and fuel. It will be the aim and purpose of the people of the town and community to make the surroundings of all pupils as pleasant and homelike as possible. Parents can rest assured the best interests of their sons and daughters will at all times be under the immediate care and protection of the Superintendent and those families with whom they may find homes.

Courses

The following courses are offered:

1. Three-Year Course in Agriculture and Domestic Science and Arts.—This course is designed for the purpose of giving the student a strong, industrial, preparatory course in Agriculture and Domestic Science and Arts, and leads to the Agricultural and Mechanical College and State Normal Schools.

Admission to this course will be governed as follows:

- (a) Any student who has completed the eighth-grade work of the common schools will be admitted without examination.
- (b) Any boy or girl fifteen years of age or over, who indicates special ability and fitness for carrying on the work, may, at the discretion of the Superintendent, and upon examination, be admitted to this course. Those who are in doubt concerning their qualifications should present the subject fully to the Superintendent at least two weeks prior to the opening of the school.

2. Three-Year Preparatory Course.—The sixth, seventh, and eighth grade work of the common schools will be given to the boys and girls of the rural districts when called for. Elementary Agriculture and Domestic Science and Arts will be required of the students in this course.

Requirements for admission will be the same as govern in the public school system. No student, however, will be admitted to this course who has the same privilege in his own school district, except upon the written approval of the Superintendent, or Principal in charge of the school in which the student is attending, or is entitled to attend, and only ten such students will be received from any one county.

3. Elective Course of Special Character.—The instruction given in this course will largely depend upon the ability and needs of the student. The outlining of such courses will be given careful consideration by the Superintendent.

The privilege of this course will be granted any boy or girl sixteen years of age and over, and of good physical development, who may indicate the desire and ability to carry the work selected. No examination will be required, but the privilege of taking such work will be at the discretion of the Superintendent.

4. Short Courses for Farmers and Others.—These courses will be intensely practical, and have been arranged for the farmer and the farmer's wife, and the boy and girl on the farm, as follows:

- (a) **Winter Short Course.**—This course opens and closes with the winter term of the regular session, and is offered to meet the demand for winter work in Agriculture, Manual Training, and Domestic Science and Arts. The student may elect such of the industrial subjects as may be determined upon in consultation with the Superintendent and Faculty. The preference of the student is given careful consideration. The privilege of this course will be granted in accordance with the provisions governing Course No. 3.
- (b) **One Week's Short Course.**—This course will be held during the fall term, and will include lectures and demonstrations on agricultural topics, domestic science and arts, canning, preserving, and cooking.



BOYS' BASKETBALL TEAM
GIRLS' BASKETBALL TEAM

COURSE OF STUDY—BOYS

Subjects and Hours

“C” YEAR

English -----5	English -----5	English -----5
Arithmetic -----5	Algebra -----4	Algebra -----4
American History -----5	Stock Judging--1 (2)	Stock Judging--2 (2)
Elementary Agriculture --3 (2)	Elementary Botany -----3 (2)	Agricultural Botany -----3 (2)
Music ----- (2)	Music ----- (2)	Music ----- (2)
Drawing ----- (2)	Drawing ----- (4)	Drawing ----- (4)
Carpentry ----- (4)	Carpentry ----- (4)	Carpentry ----- (4)
	Farm Machinery 2 (2)	Road Making --- (2)

“B” YEAR

English -----4	English -----4	English -----4
Algebra -----4	Algebra -----4	Algebra -----4
Elementary Physics -----3 (4)	Chemistry -----3 (2)	Chemistry ----- (2)
Farm Crops -----3 (2)	Breeds -----3 (2)	Agricultural Practice -----2 (4)
Grain Judging--2 (4)	Dairying -----3 (4)	Agricultural Physics -----3(4)
Blacksmithing - (4)	Blacksmithing - (4)	Blacksmithing - (4)
		Forestry -----3

“A” YEAR

English -----4	English -----4	English -----4
Plane Geometry 5	Plane Geometry--5	Civics -----5
Ancient History -----5	Medieval History -----5	Veterinary Science -----3 (2)
Farm Management and Practice --3 (2)	Feeds and Feeding -----4	Feeds and Feeding -----4
	Fruit Growing --3 (2)	Insects and Plant Diseases -----3 (2)
Poultry Culture--3 (2)	Farm Accounts - (4)	Vegetable Gardening ---1 (4)
Farm Accounts - (4)		

COURSE OF STUDY—GIRLS

Subjects and Hours

“C” YEAR

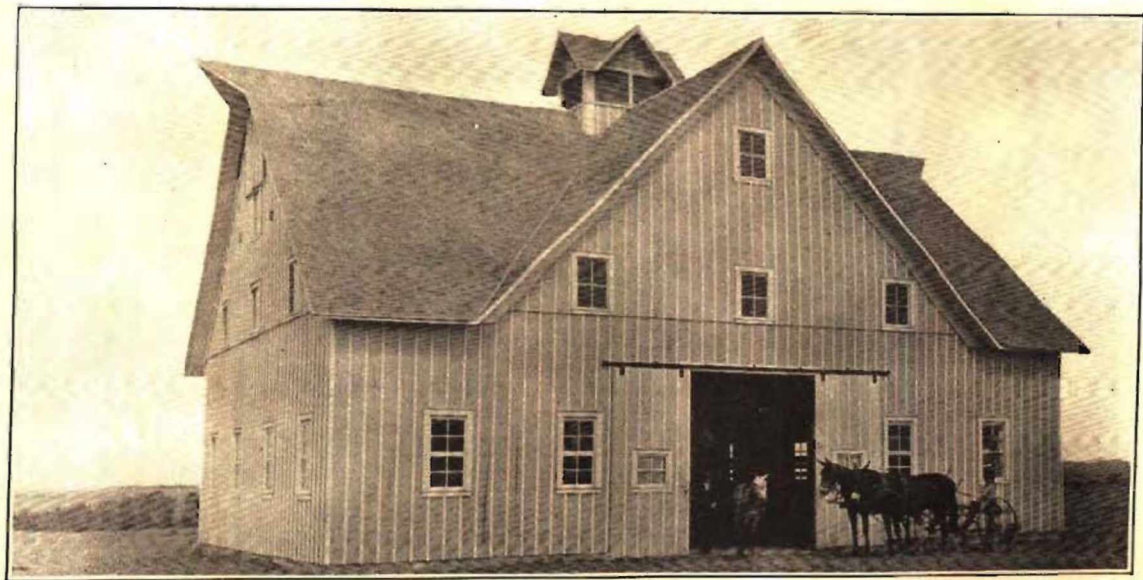
English -----5	English -----5	English -----5
Arithmetic -----5	Algebra -----4	Algebra -----4
American History -----5	Elementary Botany -----3 (2)	Agricultural Botany -----3 (2)
Cooking ----- (4)	Cooking ----- (4)	Cooking ----- (4)
Music ----- (2)	Music ----- (2)	Music ----- (2)
Sewing ----- (4)	Sewing ----- (4)	Sewing ----- (4)
Drawing ----- (4)	Drawing ----- (4)	Drawing ----- (4)
Social Culture --2	Social Culture --2	Laundry ----- (2)
	Laundry ----- (2)	

“B” YEAR

English -----4	English -----4	English -----4
Algebra -----4	Algebra -----4	Algebra -----4
Elementary Physics -----3 (4)	Chemistry -----3 (2)	Chemistry ----- (2)
Cooking ----- (4)	Forestry -----3	Forestry -----3
Sewing ----- (4)	Cooking ----- (4)	Cooking ----- (4)
Farm Crops ----3 (2)	Sewing ----- (4)	Sewing ----- (4)
	Dairying -----3 (4)	Agricultural Physics -----3 (2)
Domestic Hygiene -----2	Invalid Cooking (2)	Floriculture --2 (2)
	Basketry ----- (2)	

“A” YEAR

English -----4	English -----4	English -----4
Plane Geometry 5	Plane Geometry 5	Civics -----5
Ancient History 5	Medieval History -----5	Insect and Plant Diseases -----3 (2)
	Home Nursing --2	Vegetable Gardening --1 (4)
Cooking ----- (4)	Cooking ----- (4)	Dressmaking --- (4)
Poultry Culture 3 (2)	Household Arts (4)	Millinery ----- (4)
Farm Accounts... (4)	Farm Accounts.. (4)	Home Economy -3



SCHOOL BARN

Departments of Instruction

AGRICULTURE

Mr. Chapman

This department is equipped with soil physics apparatus sufficient for a thorough course in the study and testing of soils for moisture content, movement of soil moisture, pore space in the various grades of soil, and for the movement of air, etc., through the soils. Instruments for the determination of the draft of farm machinery, plows, cultivators, etc. are also provided. The dairy laboratory is equipped with both hand and power churns, butter workers, hand and power separators, Babcock testing machines, gasoline engines, steam boilers, cheese making apparatus, etc., and all that goes to make a complete equipment for first class dairy laboratory. Here the pupils are taught the various methods of separating the fat from milk, testing the milk for butter fat content, how to make and handle butter, including packing and shipping. There are in this department also corn graders, smut treaters, seed graders, fanning mills, etc., for the thorough study of handling and treating seed and grains. There is also a small hand gin used in studying the per cent. and grade of lint from the different varieties of cotton. The laboratory for botany is equipped with both dissecting and compound microscopes and dissecting sets. There is also a chemical laboratory for demonstrating principles of reactions and chemical changes and their relation to farm life. Provisions are also made for a study of the purity and viability of seeds and for a thorough study of corn judging. The farm with its live stock, implements and machinery is also an important part of the equipment of this department and is at all times accessible for study and demonstration.

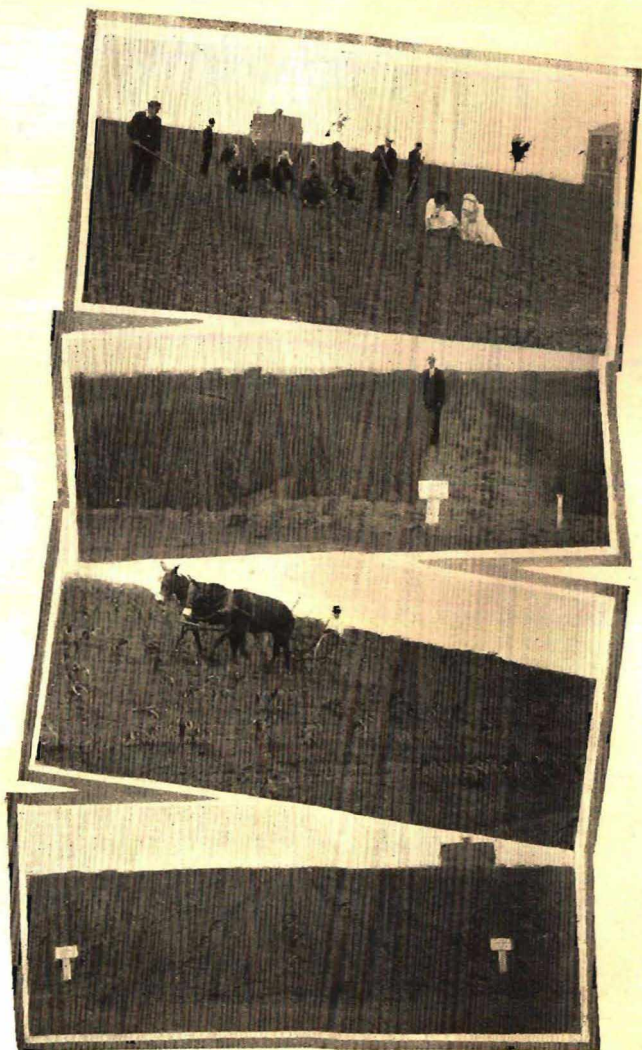
Farm

The school owns and operates a good 160-acre farm. Part of the farm lies along Wolf Creek bottom and the remainder is upland. This is fortunate in that we have represented the two important types of soil found in this district. At present 75 acres are under cultivation. This will soon be increased to about one hundred acres. The remainder with the exception of a nice native pecan orchard will be devoted to pasture and will be set in bermuda grass as fast as possible. The farm is used entirely for experimental and demonstrational purposes. Students will have opportunity and be required to study and take notes on the various methods pursued on the farm.

The school owns a fine \$2,000 barn which is equipped with the best of machinery and implements for handling hay, grain, etc. There will be added such buildings as tool sheds, poultry houses, piggeries, etc., during the present session. These buildings will be constructed largely by the boys in school.

The school also owns a herd of pure bred Jerseys and a herd of grades which will be developed to demonstrate the possibilities along this line of work. There are also two breeds of hogs represented and two breeds of poultry. The farm owns two good spans of mules and a fine mare.

The various forms of tools, implements and machinery as put out by the best manufacturers are used on the farm. Some of the leading factories are placing their goods here for use and demonstration on the farm. The farm is a very important adjunct to the teaching department. There will be run in connection with it a first-class cream-



VEGETABLE GARDENING
 A WHEAT PLAT
 CULTIVATING CORN
 A CORN PLAT

ery where the farmers can bring their cream and receive for it the very highest market price at all times. The butter and products from it will be placed on the markets preferably in the towns of this district.

It is also planned by this department to make a careful study of fruit growing and orcharding for this section. The most promising varieties of fruits, berries, etc. will be tested and the most successful methods of cultivation and spraying studied.

Elementary Agriculture.—A study of the classification, preparation, and proper cultivation of soils. Importance of careful selection and testing of seeds. Insects and birds that are beneficial and that are injurious to farmers. Pruning and grafting fruit trees. Selection and care of domestic animals, etc.

Farm Machinery and Implements.—Lectures and demonstrations of the use and care of farm machinery and implements.

Elementary Botany.—A careful study of plant life in general. Learning the names and the uses of the most common plants, and also, the name, structure, and office of each part of the plant.

Stock Judging.—A careful training in score-card work. A study of animal form, as an index of excellence in beef, dairy, mutton, wool, and pork production and of efficiency in labor.

Road Making.—Lectures and practice in the construction of ordinary roads; the construction of small bridges, culverts and drains; kinds of road making materials and their cost.

Agricultural Botany.—A study of the structure and physiology of plants; how they feed and grow and reproduce themselves.

Farm Crops.—Crops suited to the district, and methods of improvement by seed and field selection; their cultivation and place in general rotation plans; methods of handling, harvesting, and curing.

Grain Judging.—This applies especially to judging corn, using score-cards and following rules generally accepted; instruction in cotton judging and other grains of interest to farmers.

Soils and Fertilizers.—The nature, function and origin of soils; green and artificial manures; tillage and its relation to soil fertility; the seeds of various crops; proper methods of applying fertilizers.

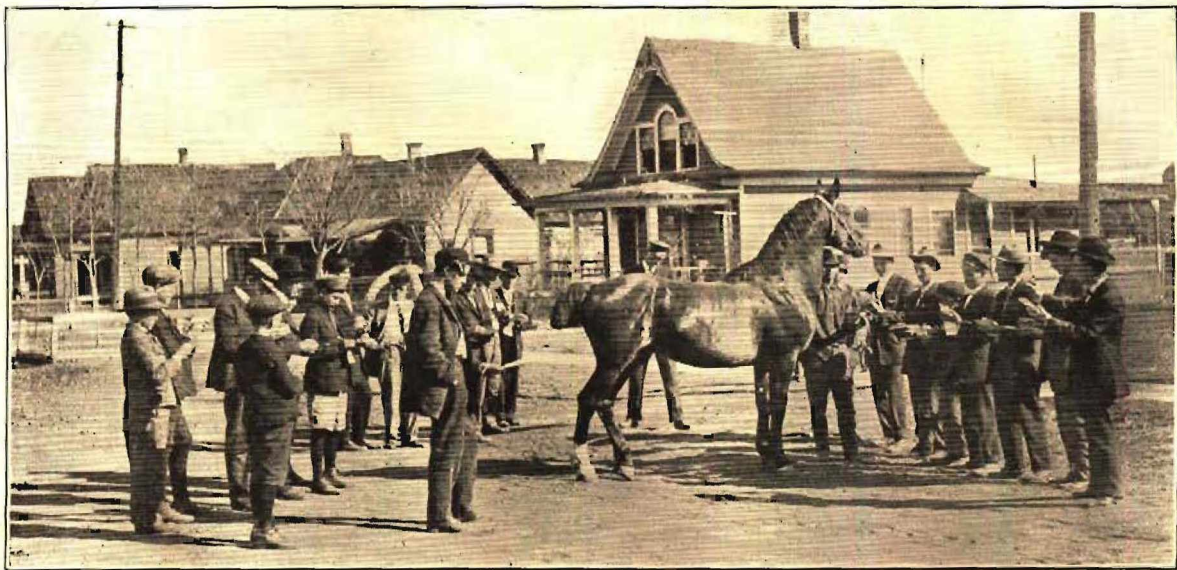
Breeds of Farm Animals.—Lectures upon feeds and types of farm animals, and their characteristics.

Farm Dairying.—Types, feed, care and management of dairy cattle; the composition of milk and the best method of handling; butter making and cheese making will be carefully considered.

Forestry.—A consideration of the planting and care of wind brakes and shelter beds; habits and value of the native and introduced trees; methods of propagation.

Agricultural Physics.—The relation of physics to farm operations is carefully considered, and illustrated by practices with which the student is familiar.

Agricultural Practice.—The student is required to do much practical work. All the subjects taught are supplemented with work in the laboratory and field. Stock-judging, butter-making, milk testing, pruning trees, planting, cultivating, harvesting, feeding stock, etc., indicate in a measure the practical exercises, all of which are as much a part of the regular course as the class room work.



CLASS IN STOCK-JUDGING

Farm Economics.—Farming as a business; systems, equipment, and marketing problems.

Poultry Culture.—A study of the different breeds of chickens with special reference to the points of excellence of each; the care and management of any breed to obtain best results.

Farm Accounts.—Bookkeeping for the farm to show the outgo and income; simple records to show the profits and losses.

Feeding and Managing Farm Animals.—A study of the best methods of feeding farm animals; calculating balanced rations; value and importance of the particular feeds in each locality with reference to the kinds of stock grown; care and management will be considered from a hygienic standpoint.

Fruit Growing.—Lectures upon the location, cultivation and care of the orchard; fruits suited to the district; methods of combatting insects; preparation and use of sprays.

Diseases of Farm Animals.—The causes and treatment of common diseases of farm live stock.

Insects and Plant Diseases.—An elementary course covering the habits of farm insect pests; methods of destroying; important plant diseases are studied and remedies considered.

Vegetable Gardening.—Garden tillage, irrigation, transplanting, care and handling of hot beds, insect pests, and the growing of seasonable vegetables.

DOMESTIC ECONOMY

Miss Kirkpatrick

This course is designed to give the student a practical knowledge along industrial lines, and deals especially with the three fundamental needs of man—food, shelter and clothing. The aim is to develop neatness, accuracy; to familiarize the student with those subjects which bear directly upon the art of home-making, and to cultivate properly the economic and aesthetic tendencies of each student.

Cooking.—This subject deals with foods, giving the student a thorough knowledge of their composition and nutritive value; of their production, care, selection, preparation, cooking, and serving. The first year's work in cooking includes such subjects as fuel, heat, simple chemistry of fire building, the range and its care, the kitchen and its equipment, the cleaning and care of the house.

The proper cooking of simple foods will be taught, as—

Potatoes—Baked, steamed, rice, escalloped.

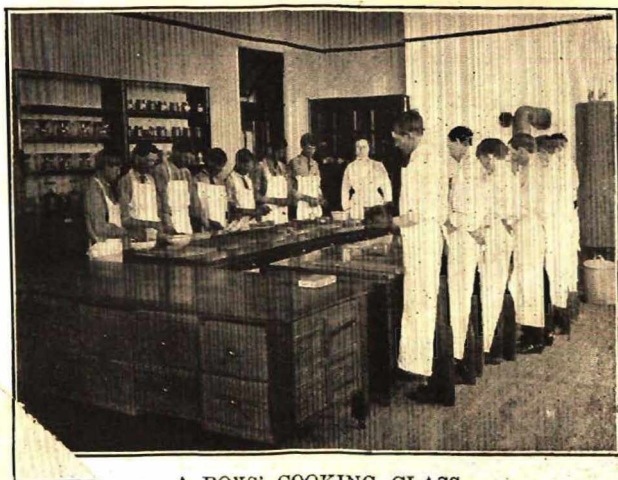
Eggs—Experiments will be made to determine the most satisfactory ways of cooking eggs. Simple custard dishes will be prepared.

The above are only a few of the many practical things to be derived from this course, all of which the student will be able to do at home.

The second year's work is more complex, and includes study of the preparation and composition of foods; nutritive values and uses of food in the body; home canning and pickling of fruit, and jelly making. Preparation of the regular meals, and suppers, are given by the students, and a study of habits of neatness is made of the table service.



A GIRLS' COOKING CLASS



A BOYS' COOKING CLASS

Sewing.—The work in sewing deals with the subjects of shelter and clothing. It includes weaving of small rugs on hand-loom, simple baskets and mats of raffia and reed; the various hand-stitches taught upon some useful article, as pillow-case or towel; mending, darning, and patching of different materials, and the care and selection of clothing; simple knitting and crocheting.

In the second and third years the course will be more advanced. Pattern-drafting will be taken up, also the making of undergarments, shirt-waists, etc.; decorative needlework and designing will be introduced; also the study of the protective, economic, and aesthetic phases of clothing and house-furnishings.

Household Art.—Lectures on the house and grounds, and the sanitary conditions involved in selecting a site for the house; decoration, furniture, floor coverings, practical problems in house planning, and interior and exterior decoration.

Social Culture.—The usages of good society, manners, conversation, introductions, entertainments, etc., are discussed; suggestions are made with reference to reading, literary taste, and the choice of books.

Hygiene.—This subject gives the student a practical knowledge of the human body and its functions, and shows the need of personal responsibility for the care and improvement of health in the home; diseases due to improper food; infectious diseases and their prevention; general causes of diseases; functions of the skin, teeth, etc.; clothing as it affects the health.

Household Management.—Housekeeping as a business deserves our best thought if health, comfort and happiness are to be attained; care of the dining-room and kitchen; food and clothing; the division of incomes and the cost of living.

Laundrying.—Properties of soaps, washing fluids, bleaching powders, starches, etc., and their relation to laundry work; methods of cleansing fabrics without injury to the material or color, and the best methods of removing stains.

Home Nursing.—Care for cases of sudden illness or accident; the use of disinfectants and the laws controlling the spread of disease; demonstrations of how to treat wounds, poisons, sprains, fractures, and the use of bandages.

Invalid Cookery.—Cleanliness and daintiness of the invalid's tray, dishes and food; special diets for fevers, consumptives and convalescents; preparing gruels, milk, broth, and jellies.

Domestic Chemistry.—Specific use of food in the body; its digestion, absorption, etc.; methods of determining the food principles of meats, starchy foods, eggs, milk; adulteration of foods and their detection.

Millinery.—Creates a simplicity of taste and combination of colors from the artistic point of view; making and trimming bonnets and hats made on wire and buckram frames; selection of hats, plumes, ribbons, flowers; renovating and use of old materials is also considered.

DRAWING AND MANUAL TRAINING

Mr. Hanson

The work of this department extends over two years of the regular course. Special attention is given to the formation of habits of neat-



SHORT COURSE CORN-JUDGING CLASS



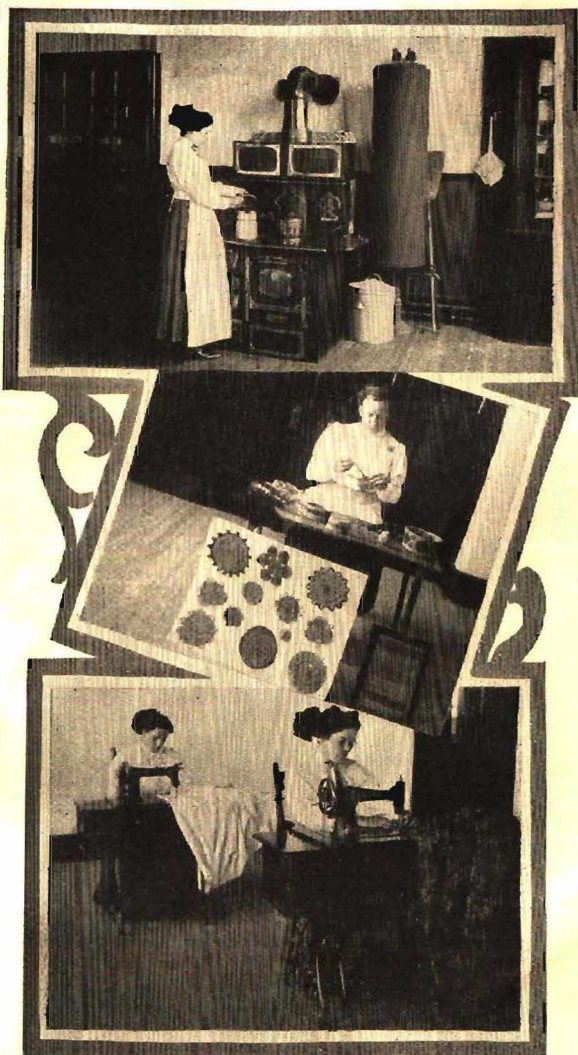
A LESSON IN VARNISHING

ness, order, and approved methods. The student is under the constant supervision of the teacher, who enforces economy of time, labor and material. The work is practical and educates both the hand and the mind. The demonstration method of teaching, supplemented by oral and printed instruction, is used. The teacher performs the exercise before the class, explaining and demonstrating every step. This gives the student the advantage of seeing how a skilled workman handles tools.

Carpentry.—This subject is not merely manual training, but farm carpentry. Lectures are given on the care and use of the common carpenter tools that should be on every farm, the construction of farm buildings, framing, laying out rafters, stairways, etc., estimating building material such as lumber, concrete, brick, paint and hardware. The set of preliminary exercises are designed to give the student a working knowledge of carpenters' tools. The operations of sawing, grinding, sharpening, planing, gauging, chiseling, laying out, gluing, finishing and painting are taught. Each student is provided with a set of edged tools which he is required to sharpen himself. The erection of buildings needed on the farm or the making of cabinets and apparatus for the school building is a part of the regular class work.

Farm Blacksmithing.—This subject comprises instruction in the management of the forge and fire, and in bending, tempering and case-hardening. Students are required to make links, rings, hooks, bolts, elevises, tongs, cold chisels, punches, etc., and to become familiar with all the operations necessary to enable them to do their own repair work when they return to the farm. Instruction is given in the use and care of files, screw-plates, etc. Broken parts of farm machinery are repaired and farm tools are sharpened by the class. The nature and the structure of the different kinds of iron and steel is explained, as well as the processes by which each is produced. Instruction is also given in the care and use of the gasoline engine. Each student will have an opportunity to operate the engine until he becomes familiar with it.

A ladies' class in wood-working is organized whenever a sufficient number of applications are made to warrant it. They are taught how to sharpen kitchen tools and how to make shelves and other conveniences for the home.



PREPARING A SPECIAL DISH
BASKET MAKING
SEWING

Drawing.—During the first term, the students make free-hand drawings of models so as to enable them to make perspective sketches of buildings, farm appliances and machinery. Then such instruction is given as will best teach them the use of drafting tools and the practical value of drawing in the designing and arranging of buildings, such as dwellings, barns and out-buildings. Students make drawings of some of the carpentry exercises and afterward work from them, thereby getting direct application. They are encouraged to plan buildings and other structures that are needed at home, and to make a list of materials, showing cost of same and cost of construction.

MATHEMATICS, ENGLISH AND HISTORY

Mrs. Frye
Miss Edwards

Mathematics

All students take mathematics. The work of the department continues through the three years of the regular course.

This course of study includes Arithmetic, Algebra and Geometry and is designed to give the student a thorough knowledge of the fundamental principles of mathematics, correct ideas of the business customs of the day, to interest the pupils in the problems of our natural resources and industries and to be able to meet the ordinary problems of everyday life, rather than a drill on abstract, meaningless, tiresome rules.

Arithmetic.—The first term of the first year is devoted to a review of the principles of arithmetic with a view of increasing speed, accuracy and skill in the use of what has been learned and of developing the power to apply it to everyday problems. A few applications thoroughly mastered are worth more than ten times as many facts stored away. The problems used are in harmony with and taken from the work done in other departments, thus increasing the interest and benefit derived from the exercises.

Algebra.—In many of its phases Algebra is only general arithmetic and it is a great mistake to suppose arithmetic is finished when algebra is begun. No attempt is made to present a mass of unimportant details that are entirely different from and foreign to what has been previously learned. The algebraic formula is only an arithmetical short cut. The principles of algebra are presented first not as rules but reasons, later as rules with reasons. The work of algebra is to increase facility in computation and form a basis for the rounding out of higher mathematics.

Geometry.—Geometry, more than any other subject in the secondary school mathematics, offers opportunity for attaining all the ends of teaching mathematics. It gives ample occasion for exact reasoning, for real induction applied to simple data, for correlation with other work, with drawing, geography, manual training, blacksmithing, physics and chemistry as well as algebra, for practical application, for drill in numerical computation, for training and habits of neatness and exactitude and for the cultivation of powers of precise thought and accurate expression.

Through concrete or constructive geometry the pupil develops a desire to discover for himself and is thus led into original research. Geometry is a living, growing science, not a cast-iron subject whose sum total is recorded in one book. The pupil should be made to feel that it is a large growing field of which he knows a part and should look forward with pleasure to obtaining a deeper and more critical insight.



BOYS' CLASS IN CARPENTRY



GIRLS' CLASS IN CARPENTRY

ENGLISH

The work in this department is outlined, not only to teach the pupil how to use correct English, but to cultivate a love for and an appreciation of good literature and to stimulate an appetite for reading good books.

First Year English.—The work of this year is reconstructive as well as constructive and rounds out the work begun in the eighth grade. The course is thoroughly practical, giving very little attention to technicalities and emphasizing good usage. This is supplemented by paragraph writing, story-telling and the reading of classics; thus developing good form from an appreciation of good literature. The pupil is taught, in this way, the principles of composition before he realizes that there is such a thing as a definition or rules governing composition.

Some of the classics studied are "The Lady of the Lake," "The Sketch Book," "The Vicar of Wakefield," "Enoch Arden," and "The Last of the Mohicans."

Second Year English.—The study of the principles of composition and rhetoric is begun in the second year, most of the time being given to sentence and paragraph structure. The pupil is taught that clear thinking must precede clear expression and often is required to give his work orally before attempting to write it. After the student has become able to tell a story connectedly, he may attempt a short composition. Brief comparisons and descriptions may be required from selections in the classics and in this way the pupil is led into original thought. "The Merchant of Venice," "Silas Marner," "Ivanhoe," "As You Like It," "Vision of Sir Launfal" and "The Tale of Two Cities" are included in the second year's work.

Third Year English.—In the third year the study of the whole composition and its related parts occupies most of the early part of the year. The composition and literature are more closely correlated than in the preceding years. Good models are presented, the principles pointed out and enforced and the pupils required to commit to memory important and beautiful extracts. The student is made to realize that simplicity and precision are the first requisites of good writing.

Discussions of the characters studied in the classics are encouraged and often sufficient interest is aroused to call forth an excellent debate or criticism.

"Macbeth," "Rhyme of the Ancient Mariner," "Palamon and Arcite," "Hamlet," "Julius Caesar" and "The Princess" are among the classics studied in this year.

HISTORY AND CIVICS

All students are required to take this work. Collateral reading is required of the student; also reports, which are made from time to time as required by the instructor.

General History.—Special attention will be given to social development, to the growth of institutions and government. Particular emphasis will be placed upon geographical and physical conditions.

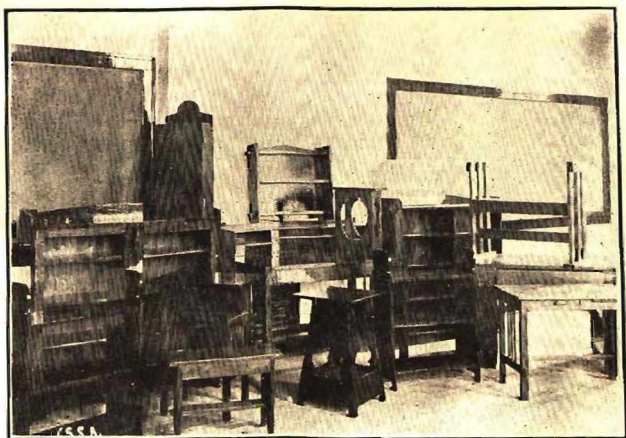
Civics.—The student will be given a general knowledge of the principles of government. Special emphasis will be placed upon our local development.

Ancient and Medieval History.—A careful study of ancient nations, their rise and fall, their effect upon the middle ages. Development of European nations; a careful study of their effect upon modern civilization. The Renaissance; reformation and religious wars for their effect upon our education and religion.

The boys and girls who attend the Cameron State School of Agriculture are surrounded by all proper moral influences. The Superintendent exercises personal supervision over them in this regard, and not only sees to it that they are pleasantly located in Lawton, but also that their time is profitably occupied during recreation hours.

For further information write

J. A. LINER, Superintendent,
Lawton, Oklahoma.



SAMPLES OF STUDENTS' WORK

Students

"B" Year Students

Brown, Jos.	Elgin
Cook, Minnie	Sedan
Huff, J. W.	R. F. D. No. 1, Walter
Orr, Paul	Lawton
Parks, Raymond	Geronimo
Parlier, Esther	R. F. D., Lawton
Tague, Ruth	Lawton
Turner, Homer	R. F. D. No. 7, Lawton

"C" Year

Aurell, Lucile	R. F. D. No. 4, Lawton
Beard, Fred	Snyder
Broe, Iva	Lawton
Bivens, Asa	Alheatone
Cline, Mildred	R. F. D. No. 2, Lawton
Chancellor, Joe	Lawton
Corwin, Hugh	R. F. D., No. 7, Lawton
Disney, Clarence	Hunter
Fennema, Nick	R. F. D. No. 4, Lawton
Ferris, John	R. F. D. No. 4, Lawton
Fisher, Owen	R. F. D. No. 4, Lawton
Gibson, Anthony	R. F. D. No. 4, Lawton
Gypson, Leroy	Hastings
Hammond, Aubrey	R. F. D. No. 2, Lawton
Hunt, J. C.	R. F. D. No. 6, Lawton
Lewis, Ralph	R. F. D. No. 4, Lawton
Lewis, Sam	R. F. D. No. 4, Lawton
McCoy, Ogle	Lawton
Morgan, Frank	Lawton
Parks, Lula	Geronimo
Pennington, Alma	Hollis
Scruggs, Virginia	Geronimo
Scruggs, Palmer	Geronimo
Strickland, Marie	Lawton
Studebaker, Willie	R. F. D. No. 6, Lawton
Tillman, Forrest	R. F. D. No. 4, Lawton
Thompson, Floyd	R. F. D. No. 6, Lawton
Wilkins, Lois	Lawton

"Specials" (Regular)

Franklin, Barbara	Lawton
Gossage, W. R.	Roswell, N. M.
Jones, Marie	R. F. D., Lawton
Nolte, Minnie	Randlett
Roberts, Russell	Lawton
Stewart, Ruth	Lawton
Yantis, Edna	Lawton

Preparatory

Anderson, Emil	R. F. D., Lawton
Anderson, Amelia	R. F. D., Lawton
Allen, Zoe	Indianahoma
Allison, Alice	Durant
Bergstrom, Sigrid	Lawton
Beaver, Wm.	R. F. D. No. 4, Lawton

Blake, J. L.	Walter
Brown, Edward	R. F. D. No. 4, Lawton
Cooter, Chas. R.	R. F. D., Lawton
Cramer, J. A.	R. F. D., Lawton
Everton, Victoria	Lawton
Fronaberger, Verna	Lawton
Ferris, Bryan	R. F. D. No. 4, Lawton
Gypson, Gladys	Hastings
Hill, Thomas	R. F. D., Lawton
Hoagland, Ruby	Lawton
Hart, Clifton	R. F. D. No. 2, Lawton
King, Albert	Lawton
King, Katheryn	Lawton
Macomb, Ida	Faxon
Munson, Minnie	R. F. D. No. 7, Lawton
Moline, Martin	Indianahoma
Morris, John	Lawton
Naylor, Harold	Hollister
Oliver, Reynold	R. F. D. No. 3, Lawton
Patton, Frank	Lawton
Ray, Mary	R. F. D. No. 5, Lawton
Recknagel, Carl	R. F. D. No. 5, Lawton
Recknagel, James	R. F. D. No. 5, Lawton
Rhodes, Chloe	Gotebo
Starbuck, George	R. F. D., Lawton
Smith, Leonard	Lawton
Thomas, Amos	R. F. D. No. 4, Lawton
Thomas, Huston	R. F. D. No. 4, Lawton
Timmous, Henry	Comanche
Watson, Ray	Lawton
Watson, Mary	Lawton
Ware, Mary	Edmond
Wiederman, Eva	R. F. D. No. 3, Lawton
Wilkins, Bruce	R. F. D., Lawton
Wood, Lillian	Lawton

Specials (Short Course)

Brown, Verne	Kingfisher, Kingfisher County
Brashears, Fannie	Mtn. Park, Kiowa County
Britain, Vivian	Mtn. Park, Kiowa County
Boys, Mrs. S. B.	Cyril, Caddo County
Bradshaw, Mrs. W. S.	Mangum, Greer County
Cook, Mamie	Mtn. Park, Kiowa County
Dutcher, Bruce	Stecker, Caddo County
Donnelly, Louis	Taupa, Comanche County
Danne, Jos.	Kingfisher, Kingfisher County
Fennema, Nick	Lawton, R. F. D., Comanche County
Hooper, Bessie	Hastings, Jefferson County
Hooper, Jodie	Hastings, Jefferson County
Hooper, J. W.	Hastings, Jefferson County
Hunt, Mrs. E. W.	Kingfisher, Kingfisher County
Jennings, Jordan	Kingfisher, Kingfisher County
Johnson, Vada	Cement, Caddo County
Moulder, Mrs. U. W.	Mtn. Park, Kiowa County
Nipper, Anna	Hastings, Jefferson County
Pyeatt, Hodge	Frederick, Tillman County
Ranssenberger, Hazel	Sugden, Jefferson County
Sockwell, Vinet	Mtn. Park, Kiowa County
Tarpley, Louis	Mtn. Park, Kiowa County

Thomas, Woodie	Lawton, R. F. D. No. 4, Comanche County
Thomas, Oscar	Alpeatone, Comanche County
Thomas, Lester	Alpeatone, Comanche County
Walter, Mrs. O. L.	Ryan, Jefferson County
Walker, Anna Lou	Frederick, Tillman County
Weaver, Elva	Frederick, Tillman County
Weaver, Paul	Frederick, Tillman County
Williams, Arthur	Bush Springs, Grady County
Wilson, Ella	Hastings, Jefferson County
Wilson, Etta	Hastings, Jefferson County
Wilson, Edna	Hastings, Jefferson County

No. Males Enrolled..... 65

No. Females Enrolled..... 52

Total 117

