

*J. R. Hoover*

BOWLING GREEN  
STATE NORMAL COLLEGE



FIRST ANNUAL CATALOGUE  
1914-1915 .: ANNOUNCEMENTS FOR  
THE SECOND ACADEMIC YEAR 1915-1916  
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BOWLING GREEN  
STATE NORMAL COLLEGE  
BULLETIN

First Annual Catalogue  
1914-1915

Announcements  
1915-1916

THE STATE NORMAL COLLEGE  
*of*  
NORTHWESTERN OHIO

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## CALENDAR FOR 1915-16

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### FIRST SEMESTER

September 20, Monday.....Registration day  
September 21, Tuesday.....Instruction begins  
November 25-27, Thursday to Saturday.....Thanksgiving recess  
December 17-January 3.....Christmas recess  
February 4, Friday.....First semester ends

### SECOND SEMESTER

February 5, Saturday.....Registration day  
February 7, Monday.....Instruction begins  
February 22, Tuesday.....Washington's Birthday Holiday  
March 31, to April 10.....Spring recess  
May 30, Tuesday....... Decoration Day Holiday  
June 16, Friday.....Commencement day and end of second semester

### SUMMER TERM

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#### FIRST SESSION, MAY 8 TO JUNE 16

May 8, Monday.....Registration day  
May 9, Tuesday.....Instruction begins  
June 16, Friday.....First session ends

#### SECOND SESSION, JUNE 19 TO JULY 28

June 17, Saturday.....Registration day  
June 19, Monday.....Registration day  
June 20, Tuesday.....Instruction begins  
July 28, Friday.....Second session ends

## BOARD OF TRUSTEES

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### APPOINTED BY THE GOVERNOR

John Begg .....	Columbus Grove
J. E. Collins .....	Lima
J. D. McDonel .....	Fostoria
J. E. Shatzel .....	Bowling Green
Wm. B. Guitteau .....	Toledo

### OFFICERS OF THE BOARD

John Begg .....	President
J. E. Collins .....	Vice President
J. E. Shatzel .....	Secretary
J. D. McDonel .....	Treasurer

## FACULTY

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HOMER B. WILLIAMS

*President*

A. B., Ohio Northern University; Ph. B., A. M., Baldwin-Wallace College; A. M., Columbia University; Master's Diploma, Teachers College, Columbia University; Pd. D., Ohio Northern University, Miami University. Teacher in rural and village schools; Superintendent of Schools, Dunkirk, O., Caldwell, O., Kenton, O., Cambridge, O., Sandusky, O.; Member, Ohio State Board School Examiners; President, Ohio State Teachers' Association; President, State Normal College, Bowling Green, Ohio, 1912-

GEORGE WILSON BEATTIE

*Department of Agriculture*

Diploma, State Normal School, Castleton, Vermont; A. B., Ripon College; B. S. in Agriculture, University of Illinois; A. M., University of Illinois. Teacher in country and village schools; Teacher in secondary schools; Superintendent of Schools; Head of Department of Agriculture, State Normal College, Bowling Green, Ohio, 1914-

MARY TURNER CHAPIN

*Department of Home Economics*

Diploma, Teachers College, Columbia University. Teacher in rural schools; Director of Boarding Department, Tongaloo University; Instructor in Home Economics, Y. W. C. A., Cleveland; Instructor in Home Economics, Normal School, Cape Girardeau, Mo.; Head of Department of Home Economics, State Normal College, Bowling Green, Ohio, 1914-



ERNEST G. HESSER

*Department of Music*

Diploma, Winona College; Diploma, School of Methods, Chicago; Student, Ohio Wesleyan University School of Music; Private Voice Pupil of Dr. Carl Dufft, New York; William Shakespeare, London; Isadore Luckstone, Paris. Supervisor of Public School Music, Kendallville, Ind.; Supervisor of Music, Goshen, Ind.; Head of Music Department, Kansas State Normal School, Emporia, Kan.; Supervisor of Music, Pasadena, Cal.; Head of Music Department, Winona College Summer School, 1914; Head of Music Department, State Normal College, Bowling Green, Ohio, 1914-

DALLAS D. JOHNSON

*Director of Training School*

A. B. in Education, Iowa State Teachers College; Earl Scholar, Teachers College, Columbia University; A. M., Columbia University; Master's Diploma, Teachers College, Columbia University. Instructor, Woodbine, Iowa, Normal School; Principal, Lakeside, Wash., Public Schools; Teacher, Seattle High School; Principal, Elementary School, Seattle; Director, Training School, State Normal College, Bowling Green, Ohio, 1914-

JOSEPHINE FORSYTHE LEACH

*Supervisor of Practice Teaching*

Diploma, Ohio State Normal College, Miami University; Ph. B., University of Chicago. Teacher, Elementary Schools, Urbana, O.; Director of Primary Education, Southern Industrial Institute; Head teacher, third grade, Francis W. Parker School, Chicago; Director, Toledo Branch, State Normal College, Bowling Green, Ohio, 1914-1915; Supervisor of Practice Teaching, State Normal College, Bowling Green, Ohio, 1915-

REA MCCAIN

*Department of English*

A. B., National Normal University; A. B., Antioch College; Graduate Student, Columbia University. Teacher in rural and village schools; Teacher, third grade, Lebanon, Ohio; Teacher in High

School, Lebanon; Instructor in English, National Normal University; Teacher of English, Fremont High School; Instructor, Wooster Summer School; Head of Department of English, State Normal College, Bowling Green, Ohio, 1914-

EDWIN L. MOSELEY

*Department of Biology*

A. B., A. M., University of Michigan. Teacher of Science, High School, Grand Rapids, Michigan; Teacher of Science, High School, Sandusky, O.; Member of Steere Scientific Expedition to Philippines; Member of American Association for Advancement of Science; Secretary, Ohio Academy of Science; President, Ohio Academy of Science, Head of Department of Biology, State Normal College, Bowling Green, Ohio, 1914-

JAMES ROBERT OVERMAN

*Department of Mathematics*

A. B., Indiana University; A. M., Columbia University; Master's Diploma, Teachers College, Columbia University. Principal High School, Freelandville, Ind.; Head of Mathematics Department, High School, Kokomo, Ind.; Instructor, Shortridge High School, Indianapolis, Ind.; Instructor, Horace Mann School, Teachers College; Instructor, University of Pennsylvania Summer Term; Head of Mathematics Department, State Normal College, Bowling Green, Ohio, 1914-

MARIE E. SIMPSON

*Librarian*

A. B., Olivet College; Ph. B. in Education, with Major in Library Science, University of Chicago. Special work in cataloguing, John Crerar Library, Chicago; Librarian, State Normal School, Mayville, N. D.; Librarian State Historical Society, Bismarck, N. D.; Librarian, State Normal College, Bowling Green, Ohio, 1915-

ERNEST G. WALKER

*Department of Extension Teaching*

Diploma, Indiana State Normal School; A. B., Indiana University; Graduate student, University of Chicago. Teacher in rural and



village schools; Instructor, Indiana State Normal; Principal, High School, Butler, Ind.; Principal, High School, Lebanon, Ind.; Director of Extension Teaching, State Normal College, Bowling Green, Ohio, 1914-

LEON LOYAL WINSLOW

*Department of Industrial Arts*

Diploma, Pratt Institute; Scholar in Industrial Arts, Teachers College, Columbia University; B. S., Columbia University; Bachelor's Diploma, Teachers College, Columbia University; Student, Rochester Mechanics Institute. Teacher in New York City Vacation Schools; Supervisor of Industrial Arts, Niagara Falls, N. Y.; Teacher of Industrial Arts, New Rochelle, N. Y.; Instructor, Industrial Arts, University of Pittsburgh; Head of Department of Industrial Arts, State Normal College, Bowling Green, Ohio, 1914-

EFFIE ALEXANDER

*Critic Teacher*

Diploma, Michigan State Normal College, Ypsilanti; B. S., Columbia University; Bachelor's Diploma, Teachers College, Columbia University; Teacher in rural and village schools; Critic teacher, Ft. Wayne City Training School; Critic teacher, third grade, State Normal College, Bowling Green, Ohio, 1914-

LUCY HELEN MEACHAM

*Critic Teacher*

Diploma, Iowa State Teachers College; Student, Summer Sessions, University of Chicago; Departmental Certificate in Primary Supervision, Teachers College, Columbia University. Teacher in rural schools; Teacher of primary grades, Washington, Iowa; Teacher in elementary schools, Nashua, Iowa; Critic teacher, first grade, State Normal College, Bowling Green, Ohio, 1914-



## GRACE M. POORBAUGH

*Critic Teacher*

Diploma, School of Education, University of Chicago. Teacher in rural schools; Teacher of primary grades, Goshen, Ind.; Critic teacher, Goshen College, Goshen, Ind.; Critic teacher, second grade, State Normal College, Bowling Green, Ohio, 1914-

## ESTELLE MAY RICH

*Critic Teacher*

Diploma, four years' college course, Normal College, Dillon, Mont.; Advanced study in Montana Normal College and in University of California. Superintendent of Schools, Beaverhead County, Mont.; Teacher of fourth and fifth grades, Seattle, and Hood River, Ore.; Critic teacher, fourth grade, State Normal College, Bowling Green, Ohio, 1915-

## MARION GRIFFETH

*Clerk*

Graduate, Bowling Green High School, Bowling Green, Ohio; Student, Davis Business College, Toledo, O. Stenographer, Business and law offices; Clerk, State Normal College, Bowling Green, Ohio, 1914-

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For the year 1915-16, additions to the regular faculty will be made in the following departments: Rural Schools; Extension Teaching; Geography; History; Physical Education; Physical Science; High School Inspector; two Critic Teachers, Training School; Critic Teacher, Rural School; Secretary to the President.

## ADDITIONAL SUMMER SCHOOL FACULTY

- Supt. C. J. Biery, Wauseon, O.  
J. L. Clifton, Asst. State Superintendent, Columbus, O.  
Emma Cone, Oxford, O.  
Nettie Fehn, Toledo, O.  
August P. Gompf, New York City.  
A. G. Hoffman, Urbana, Ill.  
Florence Hawkins, Toledo, O.  
Minnie L. Kinker, Toledo, O.  
Ernest M. Linton, Bloomington, Ind.  
Martha B. Martin, Kirkwood, Mo.  
Jessica Marshall, Toledo, O.  
G. F. Stratton, New York City.  
Supt. R. W. Solomon, Fostoria, O.  
Supt. W. F. Shaw, Bowling Green, O.  
Geo. H. Tapy, Crawfordsville, Ind.

## GENERAL STATEMENT

### HISTORY

In 1910 the General Assembly passed an act authorizing the Governor to appoint a commission to locate two new normal schools, one in Northeastern Ohio and one in Northwestern Ohio. This commission chose Kent as the location of the school for Northeastern Ohio and Bowling Green as the location of the school for Northwestern Ohio. On June 30, 1911, the Board of Trustees, appointed by the Governor, organized and on February 16, 1912, elected the President of the College. A general building plan was adopted and with the initial appropriation of \$150,000 the Board proceeded with the construction of the central feature of the plant—the Administration Building. In 1913 the General Assembly appropriated \$41,000 for enlarging the auditorium and gymnasium in the Administration Building, and \$218,000 for the erection of a dormitory for women, science building, and heating plant. Other available funds were added to the appropriation for the heating plant, making the total cost of this building and equipment \$48,175. In 1915, \$100,000 was appropriated for a training school building. The Dormitory for Women was opened at the beginning of the Summer Session in June, 1915, and the Administration Building and Heating Plant will be ready for use in September, 1915. Rapid progress is being made on the Science Building and it should be completed by January, 1916.

On September 15, 1914, the College opened in temporary quarters with a faculty of fifteen members including four critic teachers. During the year 1914-15 a branch



school was conducted in Toledo, the city training school having been discontinued. The initial enrollment was 158, and the total enrollment from September to June exceeded 300 different students. During the first semester of the year 1914-15, two members of the faculty were assigned to extension work and gave courses in twenty-four centers, which were attended by over 500 teachers. Other members of the staff of instructors gave Saturday courses in Bowling Green and Toledo which were largely attended by teachers in service.

#### LOCATION

Bowling Green, the seat of the State Normal College, is a city of six thousand inhabitants, situated near the center of the Northwestern Ohio Normal School district, in a beautiful and healthful location easily accessible from all parts of the district. It is a substantial business city in the center of a prosperous agricultural community and combines all the characteristics of a model school town. The citizens are deeply interested in the welfare of the College, and the educational and moral tone of the community is wholesome and helpful in the highest degree.

#### CLIMATE

The climate of Bowling Green is favorable to study, extremes of temperature being modified by the proximity of Lake Erie.

#### RAILROAD FACILITIES

Bowling Green is situated on the main line of the Toledo and Ohio Central Ry., and on a branch of the C. H. & D. which makes connections at Tontogany with the main line. It is also situated on the L. E. B. G. & N. Electric running east and west which makes connections at

Tontogany with the C. H. & D. and Ohio Electric, and at Pemberville with the Toledo, Fostoria and Findlay Electric, the Hocking Valley Ry., and the Eastern Division of the Toledo & Ohio Central; at Woodville with the Pennsylvania, and the Lake Shore Electric. It is also situated on the Toledo, Bowling Green & Southern Electric, which makes connections with the B. & O. at North Baltimore, and at Toledo with all railways entering the city.

#### BUILDINGS AND GROUNDS

The Normal College Grounds are located in the eastern part of the city at the end of Court Street, an important business and residence street of the city. The campus of eighty-two and a half acres affords ample space for agricultural experiments, school gardens, and nature study excursions. Three new buildings will be available for the year 1915-16, among the best in the entire country. They are the Administration Building, the North Dormitory, and the Science Building.

The Administration Building, in addition to a large auditorium, gymnasium, and offices, contains over twenty-five class rooms. Its laboratories have the finest modern equipment and its library contains a well-selected list of books affording ample opportunity for reference and study. This building at present houses the Training School.

The Science Building, now in process of erection will afford every modern convenience for the teaching of Agriculture, Science, and Industrial Arts.

The Dormitory affords accommodations for over a hundred women students. It is provided with a large dining room seating over two hundred persons.

In addition to these buildings the state has appropriated \$100,000 for a modern Training School building to be erected in 1916. The total outlay for the complete plant inclusive of buildings and grounds approximates \$675,000.



## TUITION

Tuition is free but students are required to pay the cost of materials used in the laboratory courses.

## EXPENSES

Rooms for women in the new fireproof Dormitory, two in a room with separate beds, \$1.25; single rooms, \$1.50. Students living in the Dormitory are expected to furnish sheets, pillowcases, towels, and soap. The rate for board in the dining room of the Dormitory is \$3.00 per week. Nicely furnished rooms in private homes may be rented at from \$1.00 to \$1.50 per week including everything needed by the roomer. Good board may be secured for \$3.00 to \$3.50 per week. The necessary expenses for a year in the State Normal College will not vary greatly from the following estimate:

Room rent 36 weeks @ \$1.25.....	\$ 45 00
Board 36 weeks @ 3.00.....	108 00
Washing and incidentals.....	30 00
Books and stationery.....	20 00
Total Expenses.....	<u>\$203 00</u>

## TIME OF ENTERING

Students should be present on the regular registration days. Those entering late may have their credits reduced at the discretion of the faculty committee. Persons who know in advance that they will be unable to be present on regular registration days should write to the President in advance giving a full explanation of the conditions.

## COMPLETION OF WORK

Credit will not be granted to those who withdraw before the close of a semester. Such students will be conditioned in their work until the regulations of the College have been complied with.



## AMOUNT OF WORK

No student will be permitted to register for more than seventeen hours of work exclusive of physical education nor for less than ten hours without special permission.

## ABSENCES

Absences must be reported at the office. The absentee will be given a card on which to state the reasons for his absence. The rules of the College provide that cases of excessive absence will be brought before the committee on absences. If the excuses offered are not accepted, credits may be reduced at the discretion of the committee.

## DIRECTIONS TO STUDENTS

Upon their arrival students should report at the office of the President where registration will take place and lists of rooms and boarding places may be secured. Incoming trains will be met by representatives of the school who will act as guides. These representatives will be designated by badges of orange and brown, the College colors.

## APPOINTMENT COMMITTEE

Careful attention will be given to securing positions for capable teachers and to supplying the wants of superintendents and supervisors. This service will be rendered free of charge. Students are urged to file their credentials with the committee.

## TRAINING SCHOOL

The Normal College maintains a Training School of six grades which is at present housed in the Administration Building. In addition, arrangements have been made to use the entire city school system for practice work, thus affording ample opportunity for the training of teachers.

For those preparing to become teachers in rural schools, a model rural school is maintained by the College for practice and observation.

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## FUNCTION AND SCOPE OF THE NORMAL COLLEGE

In order to furnish adequate training for all classes of teachers, the State Normal College maintains the following courses:

- 1—A one-year professional course for college graduates.
- 2—Four-year courses leading to the B. S. degree in Education for supervisors, superintendents, principals, and teachers in secondary schools.
- 3—A two-year diploma course for grade teachers in city and village schools, permitting emphasis on primary or grammar grade work in accordance with the needs of the teachers.
- 4—A two-year diploma course for rural teachers.
- 5—A two-year diploma course for teachers of each of the following special subjects: Agriculture, Industrial Arts, Home Economics, and Music.
- 6—A one-year course for rural teachers.



The one-year course for rural teachers is offered in order to render service to all classes of teachers. The work in this course is credited in full on the regular two-year diploma course for rural teachers.

Special attention is called to the fact that the completion of any diploma course entitles a student to a four-year provisional certificate and, after two years' successful experience in teaching, to a state life certificate to teach in elementary schools or to teach a special subject; and the completion of a degree course entitles a student to similar grades of certificates to teach in high schools.

#### PREPARATORY COURSES

These courses will be offered for the present for students who are graduates of second grade high schools.

#### REQUIREMENTS FOR ADMISSION

##### 1. To One-Year Course for College Graduates.

A bachelor's degree from an approved college or its equivalent is required for admission to the one-year course for college graduates.

##### 2. To Four-Year Courses, Two-Year Diploma Courses, and One-Year Course for Rural Teachers.

The requirement for admission to four-year courses, two-year diploma courses and one-year course for rural teachers is graduation from a first grade high school or equivalent scholarship. Mature students will be admitted to any classes upon evidence that they are prepared to do satisfactory work in the subjects desired, but if any student so admitted, afterwards becomes a candidate for a degree or diploma, he must satisfy the entrance requirements before entering upon the last year of his course.



### 3. To Three-Year Diploma Courses for Graduates of Second Grade High Schools.

For the present, three-year courses are offered for graduates of second grade high schools. The work of the first year is essentially preparatory, and will be modified to suit the particular needs of the student.

Graduates of second grade high schools will be admitted to the three-year diploma course, but students of high school age residing in districts which maintain first grade high schools will not be eligible for admission to this course.

#### RESIDENCE REQUIREMENTS

Candidates for a diploma must do at least one semester's work in residence at the College and candidates for a degree at least one year's work. Three summer sessions of six weeks are considered the equivalent of one semester and five summer sessions the equivalent of a year.

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## STUDENT ORGANIZATIONS

### BOOK AND MOTOR

Book and Motor is an honorary senior society to which are elected at the beginning of their senior year those students who, in the opinion of the Faculty, have profited most fully by the instruction offered at their Alma Mater and who have contributed most generously to her traditions. Its object is the fostering of college spirit and the recognition of merit in scholastic and social endeavor. The honor of election is awarded in the form of a gold key consisting of the College monogram surmounted by a book and motor.

## LITERARY SOCIETIES

There are two permanent literary societies connected with the College—the Wilsonian and the Emerson. The aim of these societies is to increase the power of oral expression, to acquire habits of logical thinking, to develop those social graces which make for real culture, and to uplift the profession of teaching. Any student or graduate of the Normal College may become an active member of one of these societies and any other person may become an honorary member by receiving a two-thirds vote of a society and the approval of the Faculty.

## MAY FESTIVAL CHORUS

The large Festival Chorus of two hundred voices is an organization of singers from the State Normal College and the city of Bowling Green, the purpose of which is the rendition of great choral works and oratorios at the time of the Spring Music Festival. Artists of national reputation assist the chorus at these festivals.

## TREBLE CLEFF CLUB

(Girls' Glee Club). Membership is limited to twenty-four voices chosen according to singing ability. Programs are given consisting of the best part-songs, choruses, and ballads, written for ladies' voices.

## PHILHARMONIC CLUB

(Summer School Organization). The study of a number of the standard choral works for mixed voices through rehearsal of compositions. For admission to the course, one must be able to read music and to carry a voice part. The club is limited to seventy-five members and appears in public performance toward the close of the summer term.



## SUMMER SCHOOL

The Normal College maintains a summer school consisting of two six weeks' terms. In the summer of 1916, the First Session will open on May 8 and close on June 16. New classes will be formed to suit the needs of new students and students who have been enrolled in former summer terms and extension classes.

The Second Session, or regular summer term of six weeks, will open on June 19. By this arrangement of summer terms, it will be possible for teachers whose schools close early in the spring to secure twelve weeks of instruction during the summer without loss of time in teaching.

The work offered in these terms will, as a rule, be half-courses, that is, half of one of the regular courses and will thus enable teachers to make continuous progress toward a diploma and state certificate. The regular faculty, supplemented by instructors from other institutions of recognized standing, will be in charge of the summer school classes.

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## EXTENSION DEPARTMENT

The Bowling Green State Normal College, that its instruction may not be confined within its own walls, that it may serve as generously as possible, the people who support it, that it may in turn gain much from a vital contact with the people, maintains an extension department whose specific purpose it is to serve the needs of the teachers in Northwestern Ohio.

It is a well recognized fact that the most useful training a teacher can secure is that obtained in connection with



his daily work. The teachers have not been slow to see the advantages of training of this sort. During the first half of the year 1914-15, this school had two instructors in the field who organized twenty-four centers with a total enrollment of more than five hundred students.

The extension work as conducted by this school is not an entertainment; it is not a series of lectures; it is the usual classroom work brought to the community by men in the employ of the school who have been selected especially for this type of work. Students enrolling in these courses are expected to do the usual work in the way of preparing lessons, collateral reading, preparing papers, etc.

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## PHYSICAL EDUCATION AND HYGIENE

The purpose of this department is two-fold: (1) To give students such exercise as will enable them to carry on their school work with the greatest degree of efficiency and to cultivate in them such habits of exercising as can be taken into later life. (2) To acquaint prospective teachers with enough theory of Physical Education so that they may teach the subject later on.

The practical work covers a wide range. It is primarily hygienic and corrective, but is given with a view to its possible use as teaching material.

### Classes for women include:

Swedish gymnastics  
 German gymnastics  
 Folk Dancing  
 Field Hockey

Cross Country Walking  
 Newcomb Captain Ball  
 Basket Ball  
 Tennis

### Classes for men include:

Swedish gymnastics  
 German gymnastics  
 Foot Ball  
 Soccer

Track Athletics  
 Basket Ball  
 Base Ball  
 Cross Country Running

Each student receives a physical examination in order to determine the most suitable exercise.

Students not physically able to exercise are required to observe classes.

#### MEANING OF CREDITS

Credits are given in terms of semester hours. A semester hour means a subject reciting one hour per week for eighteen weeks, or it is equivalent to eighteen recitation hours. The amount of credit carried by each course is given after the description of the course.

#### NUMBERING OF COURSES

1. Courses numbered with capital letters are entrance credit or non-credit courses.
2. Courses numbered from 20 to 59 are diploma courses. Courses with double numbers continue through the year.
3. Courses numbered from 60 to 100 are degree courses, but in some cases they may count as electives towards a diploma.

# COURSES OF INSTRUCTION

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## ONE-YEAR COURSE FOR COLLEGE GRADUATES

College graduates wishing to meet the professional requirement for a state certificate or to better prepare themselves for some particular line of educational service may elect courses in the following subjects. Students who have a bachelor's degree from an approved college or equivalent scholarship may receive the degree of Bachelor of Science in Education from the State Normal College on the completion of thirty semester hours properly distributed among these subjects:

	Hours
General Psychology .....	3
Educational Psychology.....	3
Educational Sociology.....	2
Principles of Teaching .....	3
Principles of Teaching for Secondary Teachers.....	3
School Administration.....	3
History of Education.....	3
Supervision; County and District.....	3
The Curriculum of the High School .....	3
Elementary Course of Study .....	3
Teaching and Observation.....	3
Teaching Special Subjects.....	3

## FOUR-YEAR COURSES

*These Courses Lead to the Degree of Bachelor of Science in Education*

In addition to the regular two-year diploma course and the special two-year courses for elementary and special teachers, the Normal College maintains four-year courses



leading to the degree of Bachelor of Science in Education for high school teachers, principals, supervisors, and superintendents. In doing this, three essentials are kept in mind—knowledge of subject-matter, breadth of culture, and professional training. These courses are so arranged that a student may complete one of them in two years after finishing a two-year diploma course, or he may start on one of them at once by making substitutions, on entering the Normal College.

The following four-year courses are offered, being based upon an appropriate grouping of subjects:

Agriculture and Science  
 English and History  
 English and Latin  
 Mathematics and Science  
 Supervision

In each of these groups, the following subjects are required of all students in the four-year courses:

Education .....	30 hours
English .....	10 hours
Mathematics.....	6 hours
Science.....	10 hours
History and Social Science.....	9 hours
Music.....	3 hours
Physical Education..	4 hours
Foreign Language (unless 4 High School units)	6 hours
Industrial Subjects .....	6 hours
Total .....	84 hours
Major and Correlated Work .....	36 to 40 hours
Required for graduation.....	120 hours

As an illustration of the arrangement of the two-year and four-year courses permitting a student to complete both courses in four years, the following outline of courses is given in parallel columns. The four-year course in Mathematics and Science is taken as an example. The left hand column shows this course built upon the regular two-year course, while the right hand column shows the straight four-year course in this group of subjects:

## MATHEMATICS AND SCIENCE

## BUILT ON TWO-YEAR COURSE

## FOUR-YEAR STRAIGHT

## FIRST YEAR

## First Semester

Agriculture .....	3
English .....	3
Geography .....	4
Industrial Arts .....	2
Music .....	1
Observation and Practice .....	1
Physical Education .....	½
Psychology .....	3
	<hr/>
	17½

## First Semester

English Composition .....	3
Geography .....	4
Music ..	1
Physical Education .....	½
Psychology .....	3
Shop Drawing .....	3
Shop Mathematics .....	3
	<hr/>
	17½

## Second Semester

Arithmetic .....	4
English .....	3
History .....	4
Music .....	1
Observation and Practice .....	2
Physical Education .....	½
Principles of Teaching .....	3
	<hr/>
	17½

## Second Semester

Arithmetic .....	4
English Literature .....	3
History .....	4
Music .....	1
Physical Education .....	½
Principles of Teaching .....	3
Electives .....	2
	<hr/>
	17½

## SECOND YEAR

First Semester		First Semester	
English.....	3	English Literature.....	3
Industrial Arts.....	3	Music.....	1
Music.....	1	Physical Education.....	$\frac{1}{2}$
Physical Education.....	$\frac{1}{2}$	Sanitation and Health.....	3
Practice Teaching.....	3	School Organization.....	3
Sanitation and Health.....	3	Woodworking.....	3
School Organization.....	3	Zoology.....	3
	<hr/>		<hr/>
	16 $\frac{1}{2}$		16 $\frac{1}{2}$
Second Semester		Second Semester	
History of Education.....	3	Botany.....	3
Home Economics.....	3	Cabinet Making.....	3
Music.....	1	English Composition.....	3
Practice Teaching.....	3	History of Education.....	3
Penmanship.....	1	Music.....	1
Physical Education.....	$\frac{1}{2}$	Physical Education.....	$\frac{1}{2}$
Educational Sociology.....	2	Educational Sociology.....	2
Electives.....	2		
	<hr/>		<hr/>
	15 $\frac{1}{2}$		15 $\frac{1}{2}$

## THIRD YEAR

First Semester		First Semester	
Chemistry.....	5	Chemistry.....	5
Educational Psychology.....	5	Educational Psychology.....	5
Physical Education.....	1	Language or Elective.....	3
Solid Geometry.....	3	Physical Education.....	1
or Elective.....	2	Solid Geometry.....	3
Zoology.....	3	or Elective.....	2
	<hr/>		<hr/>
	16 or 17		16 or 17
Second Semester		Second Semester	
Botany.....	3	Chemistry.....	5
Chemistry.....	5	High School Administration..	5
High School Administration..	5	Language or Elective.....	3
Trigonometry.....	3	Trigonometry.....	3
	<hr/>		<hr/>
	16		16



## FOURTH YEAR

First Semester	First Semester
College Algebra..... 3	College Algebra..... 3
English ..... 2	Physical Education ..... 1
Physical Education ..... 1	Physics ..... 5
Physics..... 5	Social Science ..... 3
Social Science ..... 3	Teaching of Science.... 2
Teaching of Science..... 2	Electives ..... 2
<hr/> 16	<hr/> 16
Second Semester	Second Semester
Analytics..... 3	Analytics..... 3
High School Observation and Practice..... 3	High School Observation and Practice..... 3
Teaching of Mathematics..... 2	Physics..... 5
Physics ..... 5	Social Science ..... 3
Social Science ..... 3	Teaching of Mathematics.... 2
<hr/> 16	<hr/> 16

## TWO-YEAR COURSE FOR ELEMENTARY TEACHERS

## FIRST YEAR

First Semester	Second Semester
*Agriculture, 21..... 3	English, 22, and 24 or 26.... 3
English, 21..... 3	*History, 22..... 3
*Geography, 21..... 3	*Mathematics, 22 ..... 3
Industrial Arts, 21..... 2	Music, 22..... 1
Music, 21..... 1	Observation and Practice, Ed., 30..... 2
Observation and Practice, Ed., 29..... 1	Physical Education ..... ½
Physical Education..... ½	Principles of Teaching, Ed., 22..... 3
Psychology, Ed., 21..... 3	Teaching of Arithmetic, 24 or 26..... 1
*Teaching of Geography, 23... 1	*Teaching of History, 24. 1
<hr/> 17½	<hr/> 17½

16½

Subjects marked with an asterisk will be offered in each semester.

## SECOND YEAR

*For Teachers of the First Six Grades*

First Semester	Second Semester
English, 25 . . . . . 3	History of Education, 24 . . . 3
Industrial Arts, 23 . . . . . 2	Home Economics, 34 . . . . . 3
Music, 23 . . . . . 1	Music, 24 . . . . . 1
Physical Education . . . . . ½	Penmanship, Ind. Arts, 24.. 1
Practice Teaching, Ed., 31 . . . 3	Physical Education . . . . . ½
Sanitation and Health, Phys. Ed., 21 . . . . . 3	Practice Teaching, Ed., 32.. 3
School Organization, Ed. 23.. 3	Educational Sociology, 26 . . 2
	Electives . . . . . 2
15½	15½

## SECOND YEAR

*For Teachers of the Seventh and Eighth Grades*

First Semester	Second Semester
English, 25 . . . . . 3	History of Education, 24 . . . 3
Physical Education . . . . . ½	Physical Education . . . . . ½
Practice Teaching, Ed., 31 . . . 3	Practice Teaching, Ed., 32.. 3
School Organization, 23 . . . . . 3	Educational Sociology, 26 .. 2
Electives . . . . . 6	Electives . . . . . 7
15½	15½

*Electives for Second Year*

English . . . . . 6	Mathematics . . . . . 3
Agriculture . . . . . 3	Zoology . . . . . 3
History and Civics . . . . . 3	Economics . . . . . 3
Library Economy . . . . . 3	Methods in Primary Grades 2
Music . . . . . 1	

## TWO-YEAR COURSE FOR RURAL TEACHERS

## FIRST YEAR

First Semester	Second Semester
*Agriculture, 21..... 3	*Arithmetic, 22 ..... 3
English, 21..... 3	English—
*Geography, 21 ..... 3	Teaching of Grammar,
Drawing, Ind. Arts, 21 ..... 2	Eng., 22..... 1
Music, 21..... 1	Teaching of Reading,
Observation and Practice,	Eng., 24 ..... 2
Ed., 29 ..... 1	*History, 22..... 3
Physical Education..... ½	Music, 22..... 1
Psychology, Ed., 21..... 3	Physical Education .. . . . ½
*Teaching of Geography, 23... 1	Principles of Teaching, 22... 3
17½	Rural Observation and
	Practice, Ed., 30 ..... 2
	Teaching of Arithmetic,
	24 or 26 ..... 1
	*Teaching of History, 24... 1
	17½

The subjects marked with an asterisk will be offered in each semester.

## SECOND YEAR

First Semester	Second Semester
Agriculture, 23..... 4	History of Education, 24 ... 3
English, 25..... 3	Penmanship, Ind. Arts, 24.. 1
Music, 23..... 1	Physical Education ..... ½
Physical Education ..... ½	Rural Observation and
Rural Observation and	Practice, Ed., 32..... 3
Practice, Ed., 31..... 3	Rural Sociology, Ed., 28... 2
Sanitation and Health,	Electives, chosen from
Phys. Ed., 21..... 3	Home Economics,
School Organization, Ed., 23.. 3	Industrial Arts, Agricul-
17½	ture ..... 6
	15½



### THREE-YEAR COURSE FOR ELEMENTARY AND RURAL TEACHERS

For the present, graduates of second grade high schools with twelve or more units of college entrance credit or persons with equivalent secondary training may elect three entrance units from the subjects listed below and in addition must take a year's work in Elementary Psychology. None of this work will receive college credit, and students of high school age residing in a district which maintains a high school of the first grade will not be admitted to these courses. The completion of the amount of preparatory work indicated above will entitle such students to admission to any of the two-year diploma courses or to the four-year degree courses.

Biology.....	½ unit
Chemistry .....	1 unit
Elementary Psychology (How to Study)....	No credit
English.....	1 unit
History.....	1 unit
Home Economics.....	1 unit
Industrial Arts.....	1 unit
Physical Geography.....	½ unit

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### ONE-YEAR COURSE FOR RURAL TEACHERS

Graduates of first grade high schools who wish one year's preparation for teaching in rural schools are advised to take the first year's work of the Two-Year Course for Rural Teachers. Students completing the first year of this course will be entitled to receive a county teacher's certificate without examination under Section 7832-3 of the Ohio School Code, and will also have a year's credit toward a diploma or a degree from the Normal College.

## SPECIAL, TWO-YEAR COURSE IN AGRICULTURE

FIRST YEAR	
First Semester	Second Semester
Zoology, Biol. Sc., 25..... 3	Botany, Biol. Sc., 22..... 3
Chemistry, Phys. Sc., 21..... 3	Chemistry, Phys. Sc., 22... 3
English, 21..... 3	English, 22, and 24 or 26... 3
Farm Animals, 23..... 4	Orchard and Garden, 24.... 3
Music, 21..... 1	Physical Education..... ½
Physical Education..... ½	Poultry, 26.... 2
Psychology, Ed., 21..... 3	Principles of Teach., Ed., 22 3
	17½

17½

SECOND YEAR	
First Semester	Second Semester
Elementary Handwork,	Crop Production, 28..... 2
Ind. Arts, 23..... 3	History of Education, 24.... 3
Feeds and Feeding, 25..... 3	Physical Education..... ½
Milk and Dairy Products, 27.. 3	Plant Propagation, 30..... 2
Music, 23..... 1	Rural Sociology, Ed., 26... 2
Observation and Practice,	Soils, 32..... 2
Ed., 31..... 3	Teaching of Agriculture, 34 3
Physical Education..... ½	Woodworking, Ind. Arts, 29
Physics, Phys. Sc., 29..... 4	or Concrete Construction,
	Ind. Arts, 38..... 3
	17½

17½

## SPECIAL TWO-YEAR COURSE IN HOME ECONOMICS

FIRST YEAR	
First Semester	Second Semester
Zoology, Biol. Sc., 25..... 3	Chemistry, Phys. Sc., 22... 3
Chemistry, Phys. Sc., 21..... 3	Cooking, 22..... 3
Cooking, 21..... 3	Design, Ind. Arts, 26..... 3
English, 21..... 3	English, 22, and 24 or 26... 3
Physical Education..... ½	Physical Education..... ½
Psychology, Ed., 21..... 3	Principles of Teaching,
Sewing, 23..... 2	Ed., 22..... 3
	Sewing, 24..... 2
	17½

17½



SECOND YEAR	
First Semester	Second Semester
Art Appreciation and Hist., 31 2	Botany, Phys. Sc., 22..... 3
Chemistry of Foods, Phys. Sc., 25 ..... 3	History of Education, 24.... 3
Dressmaking, 25..... 3	Home Cooking and Table Service, 28 ..... 3
Music, 23..... 1	Home Nursing, 30.. ..... 1
Observation and Practice, Ed., 31..... 3	House Furnishing, 32..... 2
Physical Education ..... ½	Household Management, 34 2
Sanitation and Health, Phys. Ed., 21..... 3	Teaching of Home Economics, 36..... 3
Textiles, 27..... 2	Physical Education ..... ½
	<hr/> 17½

## SPECIAL TWO-YEAR COURSE IN INDUSTRIAL ARTS

*(Manual Training)*

FIRST YEAR	
First Semester	Second Semester
Elementary Handwork, 23.... 2	Cabinet Making, 34..... 3
Elementary Woodworking, 29 2	Elementary Design, 26..... 3
English, 21 ..... 3	English, 22, and 24 or 26... 3
Mathematics, 21..... 3	Physical Education ..... ½
Physical Education ..... ½	Principles of Teaching, Ed., 22..... 3
Physics, Phys. Sc., 29..... 4	Representative Drawing, 22 2
Psychology, Ed., 21 ..... 3	Shop Drawing, 28..... 3
	<hr/> 17½
SECOND YEAR	
First Semester	Second Semester
History of Architecture, 35... 2	Art Metal Work, 36..... 3
Industrial Arts Education, 33 2	Concrete Construction, 38.. 3
Observation and Prac., Ed., 31 3	Educational Sociology, Ed., 26 ..... 2
Physical Education..... ½	Forge Shop, 40..... 3
Shop Mathematics, 37..... 4	History of Education, 24.... 3
School Organization, Ed., 23 3	Observation and Practice, Ed., 32..... 3
Turning & Pattern Making, 39 3	Physical Education ..... ½
	<hr/> 17½



## SPECIAL, TWO-YEAR COURSE IN PUBLIC SCHOOL MUSIC

## FIRST YEAR

First Semester	Second Semester
Elements of Music (Notation and Sight Singing), 21..... 2	Elements of Music (Notation and Sight Singing), 22... 2
English, 21..... 3	English 22, and 24 or 26.... 3
Industrial Arts (Drawing), 21 2	Industrial Arts(Drawing),22 2
Physical Education..... ½	Physical Education..... ½
Psychology, Ed., 21..... 3	Piano, 26..... 2
Piano, 25..... 2	Principles of Teach., Ed., 22 3
Public School Music, 27..... 2	Public School Music, 28.... 2
Singing (Voice culture), 29... 2	Singing (Voice culture), 30 2
<hr/>	<hr/>
16½	16½

## SECOND YEAR

First Semester	Second Semester
Advanced Piano, 31..... 2	Advanced Voice or Piano, 34 or 32..... 2
Advanced Singing (Voice), 33 2	Harmony and Melody Writing, 36.. . . . . 3
Harmony and Melody Writing, 35 . . . . . 3	History of Education, 24.... 3
History of Music, 37..... 2	History of Music, 38..... 3
Music Appreciation, 23..... 2	Music Appreciation, 24..... 2
Observation and Prac., Ed., 31 3	Observation and Practice, Ed., 32..... 3
Physical Education . . . . . ½	Physical Education..... ½
School Organization, Ed., 23 3	
<hr/>	<hr/>
17½	16½

# OUTLINE OF COURSES

## AGRICULTURE

### 21—ELEMENTARY AGRICULTURE

For students who desire preparation for teaching or supervising Agriculture in the rural schools; also for students who wish to acquire the fundamentals of crop production and the care of farm animals. Topics: rural community; farmer; farmstead; agricultural aids; soils; composition; tillage; fertilizers; farm plants; rotation of crops; weeds; pests; farm animals and elementary judging. Credit, 3 hours.

### 23—FARM ANIMALS

A study of the different farm animals including horses, cattle, sheep, swine; practice in judging; with special attention to the production of meat, milk, wool, work, and speed; pure bred or scrub; breeding, care, and the balancing of rations. Credit, 4 hours.

### 24—ORCHARD AND GARDEN

Principles of orcharding; the home orchard from planting to bearing; care of fruit trees; home and school garden; planning, cultivation and marketing; insect enemies and fungus diseases. Credit, 3 hours.

### 25—FEEDS AND FEEDING

A study of the food nutrients and their function in the body; classification and feeding values of food stuff; feeding standards and calculations of balanced rations. Credit, 3 hours.

### 26—POULTRY

Origin and development of types and breeds; judging; breeding and care of stock; incubation; brooding, poultry houses, and yards; principles and practices of feeding; egg and meat production; diseases and parasites. Credit, 2 hours.

**27—MILK AND DAIRY PRODUCTS**

Babcock test, the testing of herds; care and management of milk for home and market, separators; determination of butter-fat, water, adulterants and preservatives; the production of milk under sanitary and economic conditions. Credit, 3 hours.

**28—CROP PRODUCTION**

A course for the study of the methods of planting and cultivation of cereal and forage crops, fertilizers, soil requirements, time of cutting; treatment for insect, weed and fungus enemies; silage crops; pastures and their treatment. Credit, 2 hours.

**30—PLANT PROPAGATION**

Seed selection and improvement; testing, seed analysis, weed seeds, identification and classification; grafting, budding, layering, cuttings. Credit, 2 hours.

**32—SOILS**

Formation and classification of soils; gravitational capillary and hygroscopic water; effect of drainage and color of soil on temperature; granulation and puddling of soils; elementary, physical and chemical analysis of soils; fertilizers and pot culture. Credit, 2 hours.

**34—TEACHING OF AGRICULTURE**

Demand for agriculture in secondary and elementary schools; relation of agriculture to better rural conditions; boys' and girls' clubs, etc.; place of agriculture in curriculum, relation to other school subjects, home work, and field trips; demonstrations; lesson plans; practice teaching; collection of material. Credit, 3 hours.

**EDUCATION****21—ELEMENTARY PSYCHOLOGY**

This course aims (1) to acquaint the student with the vocabulary of the subject; (2) to give him an understanding of the neurone as the unit of structure of the nervous system; (3) to



familiarize him with the more simple mental states which form the background of mental life; (4) to give him mastery of laws which govern the formation of mental connections; (5) to show him the application of these laws and principles to classroom teaching. Credit, 3 hours.

#### 22—PRINCIPLES OF TEACHING

The following topics will be considered: (1) The modern social aim of education. (2) The teaching-learning process as a means of realizing this aim. 1. Factors conditioning this process. 2. Means of measuring the efficiency of this process. A. Standards for determining the efficiency of teaching in the typical teaching situations. B. Objective scales for measuring the achievements of pupils in school studies. C. The use of the question. D. Lesson plans and lesson assignments. Credit, 3 hours.

#### 23—SCHOOL ORGANIZATION AND SCHOOL LAW

This course deals with such topics as routinization of the school; discipline, program and program making; technique of instruction; efficient ways of handling classes. The Ohio School Code will be made the basis of the work in School Law. Credit, 3 hours.

#### 24—HISTORY OF ELEMENTARY EDUCATION

In this course an attempt will be made to trace from the period of the Reformation to the present time those educational movements which have shaped the organization, curriculum, and method of instruction of the modern elementary school. Special reports on assigned readings. Credit, 3 hours.

#### 26—EDUCATIONAL SOCIOLOGY

The work of this course will be centered around the following problems: Those sociological factors

- (1) Which condition what we teach (The curriculum)
- (2) Which condition how we teach (Instruction)
- (3) Which condition the internal organization of the school (Administration, Organization, and Management)

- (4) Which determine the relation of the school to the local community (Social centers, etc.)
- (5) Which make a difference in general social progress as these factors are employed in the institution called the school. Credit, 2 hours.

#### 28—RURAL SOCIOLOGY

In this course rural organizations and community life will be studied. The rural church, rural school, rural home, and farmers' organizations will be considered.

The changed economic and social conditions and their bearing upon rural school problems will receive attention. Credit, 2 hours.

#### 29-30—OBSERVATION AND PRACTICE TEACHING IN ELEMENTARY SCHOOL

First Year. Credit, 3 hours.

#### 31-32—OBSERVATION AND PRACTICE TEACHING IN ELEMENTARY SCHOOL

Second Year. Credit, 6 hours.

#### ELEMENTARY COURSE OF STUDY

A course describing the amount and kind of educational material which should be presented in each grade of elementary school. Studies in correlation of courses offered in the common branches; in the adaptation of the course of study to the departmental plan of teaching in the 7th and 8th grades; and the adoption of minimum and maximum requirements in the various grades will be undertaken. Special reports, lectures, and assigned readings are required. Bring copies of the course of study used in your school. Credit, 3 hours.

#### EDUCATIONAL PSYCHOLOGY

Special problems in analytical psychology dealing with imagination, reasoning, memory, and the emotions, with an application of conclusions reached after a critical discussion of the literature on these topics to the teaching of school subjects will be under taken. Credit, 3 hours.



## PROBLEMS OF HIGH SCHOOL ADMINISTRATION

A consideration of the problems of major interest such as discipline, supervision, course of study, duties of principals and teachers, social activities of students. Collateral reading and reports. Credits, 3 hours.

## SCHOOL ADMINISTRATION

The problem of organization, legal status, and administrative control of state, county, and municipal school system in relation to their auxiliary agencies will be considered. Considerable practice will be given in the interpretation of school statistics, and efficiency tests; in the organization of system of school records and in the presentation of school information through effective reports. Credit, 3 hours.

## SUPERVISION; COUNTY AND DISTRICT

A special course intended for those interested in the problem of county, district, and rural school supervision. Particular attention to the technique of supervision will be given. Practice in the use of objective scales for measuring efficiency of teaching in certain subjects. Credit, 3 hours.

## A—HOW TO STUDY

An elementary course in the learning process for graduates of second grade high schools.

## ENGLISH

## 21—COMPOSITION

Theme writing; special emphasis is laid upon Exposition and Argumentation in their relation to the ordinary activities of teachers, reports, letter writing, and informal discussions. An effort is made to improve the quality of writing from the utilitarian standpoint. Formation of habits of correctness and good taste in little matters is emphasized. Credit, 3 hours.



## 22—GRAMMAR

A study of the newer methods of expression in Grammar; the eliminatiton of terminology borrowed from foreign languages is urged; simplicity in idea and expression is sought. Much time is devoted to securing the simplest method of approach to the more difficult parts. Attention is directed to the substitution of language work for much of the old time grammar. Credit, 1 hour.

## 24—ENGLISH FOR THE LOWER GRADES

The modern teaching of reading, comparison of various methods. Consideration of what appeals to child's interest and ways of utilizing available material. Language work for young pupils is discussed. Stories, pictures, games, riddles and conversation are employed to obtain freedom and ease of expression. Credit, 2 hours.

## 25—JUVENILE LITERATURE

A course in child literature. An exhaustive list is presented of the best that has been written for children. These books are carefully classified and a detailed study made of a few of each class. This course is designed to make teachers ready in their choice of supplementary reading and expert in directing its use. Credit, 3 hours.

## 26—ENGLISH FOR THE UPPER GRADES

The problems of the higher grades are discussed. Quickness in comprehension, accuracy and facility in expression are sought. A wide range of reading matter is urged. Careful attention is given to the needs of ordinary life as a basis for much of the written work expected of pupils in these grades. Credit, 2 hours.

## TEACHING OF SECONDARY ENGLISH

Discussion of the two departments, composition and literature, and the proper place of each. Formation of a course of study, comparison of many texts, close study of an example of each form of literature taught in the High School with constant reference to the attainments of the pupils to whom it will be taught. Credit, 3 hours.

## VICTORIAN LITERATURE

Study of the great authors of this period. Writings viewed as expression of the life of the time. Poetry, essay, and novel are discussed separately and much collateral reading is required. Credit, 3 hours.

## SHAKESPEARE

Representative dramas will be chosen, tragedy, comedy and history being represented. A number of plays will be assigned for collateral reading. Dramatic technique and the changing conditions of the stage will be considered. Credit, 3 hours.

## TENNYSON AND BROWNING

Poems will be selected representative of the best work done by each poet. These will be studied in class, a wider range will be assigned for outside reading and general discussion. A special effort will be made to view the writings of these two authors as typical of the thought of the period in which they lived. Credit, 3 hours.

## GEOGRAPHY

## 21—GEOGRAPHY

Political and economic geography considered with reference to their dependence upon physical environment. Credit, 3 hours.

## 23—TEACHING OF GEOGRAPHY

The aims, methods, and content of geography in the various grades. Credit, 1 hour.

## HISTORY

## 22—UNITED STATES HISTORY

A general course, extending from the beginning of American history to the present time, with special emphasis on the periods since 1780. Important economic and social factors, as well as those of a military and political nature, will receive a fair share of attention. Text-book, lectures, collateral reading, and special reports. Credit, 3 hours.



**24—THE TEACHING OF HISTORY**

A practical course, planned with special reference to the needs of teachers in the grammar grades. The course will deal with such topics as materials, methods, devices, use of sources, maps, collateral reading, etc. Text-books, lectures, and reports. Credit, 1 hour.

**CURRENT PROBLEMS**

In this course some of the more pressing social, economic and political problems of the United States at the present time will be considered. Such topics as immigration, labor problems, conservation, short ballot, initiative, referendum and recall will receive special attention. Text-book, lectures, collateral reading, and special reports. Credit, 3 hours.

**HOME ECONOMICS****21-22—ELEMENTARY COOKING**

The purpose of this course is to give a knowledge of the food stuffs and their functions, to develop the principles which underlie the cooking processes and to give practice in the application of these principles in the cooking of foods. The economic and sanitary aspects of the food problem are emphasized throughout the course to enable the student to be intelligent in the selection as well as in the preparation of foods. Prerequisite or parallel course: Chemistry. Three double laboratory periods per week. Number of students in each section limited to twenty. This course is continued throughout the year. Credit, 6 hours.

**23-24—ELEMENTARY SEWING**

This course gives instruction in the making of the fundamental stitches; the use of the sewing machine and its attachments; drafting and the use of patterns; the application of hand and machine sewing to simple garments; darning, patching, and the simpler ornamental stitches. Two double laboratory periods per week. Number of students in each section limited to twenty-four. Materials for garments made to be furnished by the student. This course is continued throughout the year. Credit, 4 hours.



## 25—DRESSMAKING

This course includes the planning and making of a tailored waist and skirt, a simple washdress, a wool skirt, and a silk dress. Special attention is paid to the cost of materials, and the appropriateness of the design and material with reference to the use for which the garment is intended. Originality in design is encouraged. Three double laboratory periods per week. Number of students in each section limited to twenty-four. All materials to be furnished by the student. Prerequisite: Elementary Sewing. Credit, 3 hours.

## 27—TEXTILES

This course is intended to give a practical understanding of the textile fibers and the processes of their manufacture. It includes a study of the textile industries, the characteristics of the different fibers, adulterations, and fabrics, with reference to durability, cost per yard, and use for different articles of clothing and household furnishings. Two hours per week. Credit, 2 hours.

## 28—HOME COOKING AND TABLE SERVICE

This course includes the planning, preparation, and serving of breakfasts, luncheons, and dinners at a given cost. Special attention to the quantities required to serve different numbers of people and to artistic service. Two three-hour laboratory periods per week. Prerequisite: Elementary Cooking. Number of students in each section limited to 20. Credit, 3 hours.

## 30—HOME NURSING

Treats of simple procedures in the care of the sick in the home when the services of a professional nurse are not required. Emergencies and first aid, colds, and other slight indispositions, food for the sick are some of the topics considered. One hour per week. Credit, 1 hour.

## 32—HOUSE FURNISHING

A study of the artistic and economic decoration and furnishing of the home. Harmonious color combinations, simplicity in design, and suitability of material and design to purpose are

considered. Furnishings for the different rooms of a house are worked out at stated costs. Two hours per week. Credit, 2 hours.

#### 34—HOUSEHOLD MANAGEMENT

Treats of the sanitary and economic control of the household. The care of the house and its furnishings, the sanitary conditions which determine the healthfulness of the private house, labor saving appliances, the expenditures involved in house-keeping and the apportionment of the family income are the topics considered. Lectures, discussions and practical work. Two hours per week. Credit, 2 hours.

#### 36—TEACHING OF HOME ECONOMICS

A course consisting of observation, conferences, and actual teaching. The methods of teaching Home Economics in the elementary and high school are considered and courses of study planned. A study of laboratory equipment and management. Open only to seniors. Credit, 3 hours.

#### HOME ECONOMICS

A course intended to give a general knowledge of Home Economics, with practical work in cooking and sewing. Recommended for rural teachers and others who do not wish to make as detailed a study of the subjects as is required of those preparing to be special teachers of the subjects. Three double periods per week. Credit, 3 hours.

#### INDUSTRIAL ARTS

##### 21-22—REPRESENTATIVE DRAWING

This is a general course in drawing for elementary teachers. The principles of perspective are taught and applied in drawings which are worked out as compositions as well as representations. Special attention will be given in figure drawing to quick-action sketches of children. Design is treated in a practical way supported by a knowledge of the principles of rhythm, balance and harmony. Color theory precedes the use of color



in the above. Students are led to look upon elementary school drawing not as a subject set apart by itself but as a phase of the larger subject of Industrial Arts which combines all educative handwork with subject matter which has been related to the general school curriculum through correlation. Class limited to twenty-four students. This course is continued throughout the year. Credit, 4 hours.

### 23—ELEMENTARY HANDWORK

A course designed to meet the needs of elementary teachers. The handwork of the course is for the purpose of illustration and appreciation. The subject-matter of the course includes a brief survey of the study of the growth of the race in its ability to transform natural materials into finished products. Correlations will be made with related history, geography, arithmetic and literature. The activities of the course include paper making, paper box making, book binding, pottery, cement casting and clay modeling. Credit, 2 hours.

### 24—PENMANSHIP

In this course special attention will be paid to the psychological principles which underlie the writing processes, and in adapting exercises to illustrate these processes. Various systems of school writing will be discussed, and the teachers will be drilled in a graded series of exercises. Credit, 1 hour.

### 26—ELEMENTARY DESIGN

The aim of this course is to acquaint the student with the fundamental principles of constructive, decorative and pictorial art. This will be attained through the working out of a series of problems involving original studies in the division of spaces by lines, showing good construction and growth. Other problems involving the distribution of light and dark as well as of harmonious schemes of color will round out the course. The practical application of the principles of design will come through the correlation with shop courses required of all special students in the department of Industrial Arts. Credit, 3 hours.



## 28—SHOP DRAWING

This course provides for thorough instruction in the care of drawing instruments, in simple orthographic projections, when the same can be related to shop work of practical educational value, and in simple mechanical perspective. The representation of such simple machine details and constructions as are constantly used about the home or on the farm will form a large part of the work of this course. Some attention will be paid to lettering of a practical nature. Credit, 3 hours.

## 29—WOODWORKING

The work offered in this course will be easily adapted to grammar school or high school requirements. Instruction will be given in the care and use of woodworking tools. Articles will be constructed from the students' own working drawings. A study of the action of the various hand and machine tools will be taken up. Forms of construction in wood; the principles of joinery; the place of power machinery in educative woodworking; these are some of the topics which will be considered. The cost of equipments and the arrangement of courses will be treated briefly.

Students will be allowed considerable freedom in the choice of projects in this course. Some students may wish to devote most of the time available to the working out of simple farm implements and equipment, while others would rather devote their time to making concrete forms, etc. Credit, 3 hours.

## 31—ART APPRECIATION AND HISTORY

A study of the masterpieces of fine art and of industrial art with a view to understanding and appreciating the artistic achievements of the race throughout its evolution. A major aim of the course will be the cultivation of judgment, the ability to choose, to select the beautiful and to reject the common-place and ordinary. The problem before the student will be to select those elements which make for beauty in architecture, sculpture, painting, and craftsmanship, thus establishing standards for aesthetic judgment and choice. Credit, 3 hours.

## 33—INDUSTRIAL ARTS EDUCATION

This course deals with the economics of Industrial Arts as a school subject. It includes a study of the content or subject-matter involved, the arrangement of courses of study, the selecting of equipments, and the general administration of industrial arts education in elementary and secondary schools. Open only to seniors. Credit, 2 hours.

## 34—CABINET MAKING

Courses 28 and 30 are prerequisite to this course. The construction of pieces of furniture involving both hand and machine tools will be undertaken. Special emphasis will be placed upon proportions and construction. Woodcarving will be employed as a decorative element. Class limited to twenty-four students. Laboratory fee \$3.00. Credit, 3 hours.

## 35—HISTORY OF ARCHITECTURE. Credit, 2 hours.

## 36—ART METAL WORKING

This course is designed to meet the needs of the teacher of industrial arts in elementary and secondary schools. It includes instruction in the making of dishes, bowls, and other forms from copper, brass, and silver, as well as the making of articles of jewelry. The main activities of the course are chasing, hard and soft soldering, enameling, and the setting of semi-precious stones. Credit, 3 hours.

## 37—SHOP MATHEMATICS. Credit, 4 hours.

## 38—PORTLAND CEMENT CONSTRUCTION

This course treats of the study of Portland Cement in such a way as to offer a thorough appreciation of its importance in everyday life. The historic aspect will be taken up briefly. Modern uses of concrete, typified in such structures as buildings, culverts, roads, sewers, subways, bridges, street light



posts, garden furniture, etc., will be studied. The efficiency of the various mixtures of cement, sand, gravel, and water will offer valuable material for laboratory experiments. A brief study of the manufacture of Portland cement will include an investigation of the cement kiln and ball mill. Mixing by hand and by machinery will be taken up as well as the subject of reinforcing. A practical shop course will be offered. Credit, 3 hours.

39—TURNING AND PATTERN MAKING. Credit, 3 hours.

40—FORGE SHOP

This is an elementary course intended for beginners. Instruction will be given in the handling of the forge and in the use of the common blacksmith's tools; hammer, anvil, tongs, etc. Problems will be given involving both utility and beauty. Credit, 3 hours.

## LIBRARY DEPARTMENT

21—LIBRARY ECONOMY

This course is designed to enable the student to employ the resources of the library readily and effectively. Lectures will be given on the use of the dictionary, catalogue, the interpretation of catalogue cards, the classification of books, and various kinds of reference books. Practical problems to be worked out in the library will be assigned to supplement the lectures. Credit, 3 hours.



## MATHEMATICS

## 22—ARITHMETIC

Four phases of Arithmetic are emphasized:

- (1) The Mechanical. Among the topics considered are: what processes need to be made mechanical, the degree of accuracy and speed to be expected in each grade, current and proposed algorithms, standard tests, short processes, approximations and checks.
- (2) The Theoretical. The development and application of the principles of arithmetic.
- (3) The Social. The selection of subject matter and problems to meet the social needs of the pupil, both present and future. The understanding of the social situations underlying the applications.
- (4) Analysis. The solution of problems. Credit, 3 hours.

## 24—THE TEACHING OF ARITHMETIC IN THE PRIMARY GRADES

This course treats of the aims and methods of arithmetical instruction in the primary grades. The three main topics considered are: (1) Aims of arithmetical instruction in the primary grades and their bearing on teaching methods. (2) The teaching process with special reference to types of teaching, for example objective teaching, the drill lesson, and the inductive lesson. (3) The socialization of arithmetic with special reference to beginning work through "playing store", constructive work, number games and problems based on the activities and interests of pupils both in and out of school. Each student will prepare at least two plans for teaching and one report along the lines suggested in (3). Credit, 1 hour.

## 26—TEACHING OF ARITHMETIC IN INTERMEDIATE AND GRAMMAR GRADES

This course treats of the aims and methods of teaching Arithmetic with special reference to the intermediate and grammar grades. The emphasis will be placed upon four questions: (1) The aims of Arithmetical instruction in the intermediated and grammar grades; their bearing upon methods of teaching. (2) The teaching process with special reference to types of teaching. (3) The socialization of Arithmetic through the proper selection of topics to be taught and of problem material, and through school banks and similar devices. (4) Proposed changes in the grammar grades, the introduction of Geometry and Algebra. Each student will prepare at least two plans for teaching and one report along the line suggested in (3). Credit, 1 hour. Note: Students cannot take both 24 and 26 for credit toward a diploma but must choose the course in which they are specially interested.

### THE COURSE OF STUDY IN ARITHMETIC

This course deals with the selection of material and its organization by grades. Proposed omissions and additions are considered. A comparative study of typical American and European courses is made. Credit, 3 hours.

### HISTORY OF ARITHMETIC

A brief history of the development of Arithmetic. The older notations, history of the Hindu-Arabic numerals, the evolution of the fundamental processes and of the applications of Arithmetic are considered in their bearing upon the present course and methods of teaching. Credit, 3 hours.

SOLID GEOMETRY. Credit, 3 hours.

TRIGONOMETRY. Credit, 3 hours.

COLLEGE ALGEBRA. Credit, 3 hours.

ANALYTICS. Credit, 3 hours.



## TEACHING OF SECONDARY MATHEMATICS

Intended for supervisors, teachers, and those preparing to teach. It treats of the aims, organization, and methods of teaching Algebra and Geometry. Among the topics considered are the aim of secondary Mathematics, the introduction to Algebra and Geometry, the place of problems in Algebra and of originals in Geometry, general methods of attack in Geometry, practical applications, inductive work in Geometry, present tendencies, proposed omissions and additions, and mathematical clubs. Credit, 3 hours.

## MUSIC

## 21-22—ELEMENTARY MUSIC

This course deals with the elements of music, rote singing the facts of time and tune with their staff representation, leading to sight-reading of one and two-part music. It will also include oral, tonal, and written dictation. Credit, 2 hours for regular students; 4 hours for special students of public school music of whom extra work will be required.

## 23-24—MUSIC APPRECIATION

Designed to acquaint students with standard, vocal, and instrumental compositions, and to enable them to listen discriminately. A study of musical compositions through the analysis of vocal and instrumental forms. The course is copiously illustrated by the best examples on the Victrola and Player-piano. No previous knowledge of music is required. Credit, 2 hours for regular students; 4 hours for special students of public school music of whom extra work will be required.

## 25-26—PIANO PLAYING

Technical and interpretative studies in piano playing, and study of the less difficult piano literature of the old and modern masters. Work in sight reading to cultivate accurate accompanying in song and hymn singing. Individual and class work. Two lessons and six to twelve hours' work required each week. Credit, 4 hours.

## 27-28—PUBLIC SCHOOL MUSIC

General principles of teaching school music. An outline of the work of the various grades, choice and use of material, children's voices and interpretation. It will also include a study of rhythm and sight-singing. A survey of the current school music courses. Prerequisite: Music 21-22. Credit, 4 hours.

## 29-30—SINGING

Fundamental principles of voice building; correct poise, with proper breathing; blended scale, diction, and vocal studies. Individual and class work. Two lessons and six to eight hours' work required each week. Credit, 4 hours.

## 31-32—ADVANCED PIANO PLAYING

The development of piano technique. Study of the more difficult piano literature of the old and modern masters. Individual and class work. Two lessons and six to twelve hours' work required each week. Credit, 4 hours.

## 33-34—ADVANCED SINGING

The development of vocal technique. Continuation of vocal studies and song interpretation. Individual and class work. Two lessons and six to ten hours' work required each week. Credit, 4 hours.

## 35-36—HARMONY

The fundamental principles of the theory of Music are embodied in the study of harmony, which treats of the different intervals and chords in their natural relations and combinations. The subdivisions of the subject are as follows: Scales, intervals; triads, sixth, seventh, and ninth chords with their inversions; cadences, and modulation; harmonizing melodies. Chromatically altered chords; augmented chords; suspensions; passing and changing notes; analysis; ear-training; original work in harmonizing melodies. Prerequisite: Music 21-22. Credit, 6 hours.



## 37-38—HISTORY OF MUSIC

This course includes the growth of music from ancient to modern times; the history of early church music; the development of musical forms, sacred and secular, and instruments; the polyphonic era. Modern music and musicians; biographies and the works of the great masters of the classic, romantic and modern schools. The history of the opera, oratorio, cantata, symphony, and various other forms are studied in detail. The course is well illustrated. Prerequisite: 21-22. Credit, 5 hours.

## PHYSICAL EDUCATION

## 21—SANITATION AND HEALTH

A study of the conditions upon which health depends and the best way to secure the formation of hygienic habits. It includes dietetics, harm of drugs and stimulants, muscular activity, care of the sense organs, prevention of colds, ventilation, water supply and drainage, modes and sources of infection, school sanitation and the hygiene of instruction. Credit, 3 hours.

## BIOLOGICAL SCIENCE

## 22—BOTANY

Study of the plants themselves. Attention will be given to growth from buds and seeds, influence of light, temperature, moisture, soil, etc., roots, stems, leaves, flowers, fruit, classification, economic importance. Trees, shrubs, herbs, mushrooms, molds and yeasts will be studied. Two single and three double periods. Credit, 3 hours.

## 25—ZOOLOGY

A study of familiar animals, insects, birds, mammals, etc., by actual observation supplemented by reading and oral instruction. Attention will be given to form, structure, development, relationship, vital processes, food getting, avoiding enemies, home making, care of young, and importance to man. Some of this study will be out of doors. Three single and two double periods. Credit, 3 hours.

## NATURE STUDY

This course is designed to afford elementary teachers an opportunity to become better acquainted with the nature of many common objects and phenomena. It will include out-of-door observation of rocks, fossils, plants, animals and stars; indoor study of some of the specimens which children may collect. Three double periods. Credit, 3 hours.

## PHYSICAL SCIENCE

## 21-22—CHEMISTRY

A first course with emphasis on those subjects which the student needs to know to prepare him for a course in Agriculture or Home Economics. One single and two double periods. Credit, 6 hours.

## 25—CHEMISTRY OF FOODS

A course planned for students specializing in Home Economics. It treats of fuels, hydrocarbons, alcohols, carbohydrates; tests for the different sugars, testing of flours, meals, cereals, etc.; fats—properties, tests, saponification; proteins—classification, characteristic tests. Study of the composition of such foods and beverages as eggs, meat, milk, cheese, tea, coffee, cocoa. Tests for adulterations of different food products. Credit, 3 hours.

## 29—PHYSICS

For students who have had high school mathematics and physics. It includes mechanics of solids, liquids and gases, heat, methods of heating and ventilating, water supply, sewage disposal, pumps, gas engines, electric motors, other electrical appliances, also the repair of farm machinery and household utensils. Credit, 4 hours.



## GRADUATES

Abbey, Adeline Jeannette.....	Toledo
Atkins, Ethel E.....	Toledo
Chambers, Lucile .....	Toledo
Crandall, Ruby May.....	Toledo
Crom, Helen E.....	Toledo
Crowley, Mabel Louise.....	Toledo
Elliott, Helen Grace.....	Toledo
Escott, Helen M.....	Toledo
Grandstaff, Ilma.....	Toledo
Hall, Elizabeth Harriet.....	Toledo
Harvey, Martha Alice.....	Toledo
Haverfield, Marguerite.....	Toledo
Kahler, Mrs. Fannie .....	Sandusky
Keenan, Sadie .....	Toledo
Kelley, Ursula.....	Toledo
Kocher, Gertrude Marie.....	Toledo
Kuhlman, Florence Anna.....	Toledo
Lambert, May Elizabeth.....	Toledo
Leake, Addie.....	Toledo
Maas, Margaret.....	Toledo
Malone, Catharine Agnes.....	Toledo
Mandler, Kathryn.....	Toledo
Mayhew, Berenice A.....	Toledo
Meilink, Margaret M.....	Toledo
Munson, Harriet Elgin.....	Toledo
Plessner, Ida.....	Toledo
Pope, Winifred D.....	Perrysburg
Rogers, Irene.....	Toledo
Sandys, Gertrude.....	Toledo
Schluter, Mildred Lucile.....	Toledo
Schwegler, Marie.....	Toledo
Siek, Esther.....	Toledo
Slaybaugh, Blanche.....	Toledo
Spilker, Edna L.....	Perrysburg
Wilson, Bertha.....	Toledo

## OTHER STUDENTS

Adams, Earl .....	Jerry City
Adams, Fred .....	Prairie Depot
Antin, Etta Rachel .....	Toledo
Atkinson, Ethel L. ....	Toledo
Ballin, Gottschalk Clara .....	Napoleon
Barnett, Lela .....	Custar
Barnett, Margaret .....	Grand Rapids
Barnhiser, Marion .....	Toledo
Barr, Myrtle Velma .....	Bowling Green
Beebe, Cecil S. ....	Carey
Bechtel, Orinda Elva .....	Holland
Bennett, Warren .....	Arcadia
Betts, Clea .....	Stryker
Blinn, Hallie M. ....	Perrysburg
Borck, Lucie H .....	Maumee
Bricker, Ward E. ....	Mt. Vernon
Bowman, Lucile .....	Martin
Boysen, Caroline .....	Sandusky
Brady, Freida .....	Fremont
Brown, Roy T. ....	Hamler
Brueggemeier, Harry .....	Pemberville
Bulger, Edna .....	Bowling Green
Bungard, Elma .....	Hicksville
Butte, Elizabeth .....	Zanesville
Buto, Marie .....	McComb
Canfield, Ruth .....	Pemberville
Carter, Ruth .....	Toledo
Chamberlain, Myrtle .....	Bowling Green
Chittenden, Helen E. ....	Toledo
Clark, Florence H .....	Wauseon
Clucas, Charles .....	Tontogany
Coen, Jennette Mary .....	Bowling Green
Collins, Helen .....	Toledo
Conaway, Edna .....	Arcadia
Condley, Florence .....	Toledo
Conklin, Cora M. ....	Tiffin
Counell, Wyant W. ....	Van Buren
Conroy, Margaret E. ....	Fostoria



Crannell, Lucy D.....	Toledo
Crawfoot, Myrtle.....	Prairie Depot
✓ Creps, Othel .....	Westminster
Crumrine, Leola.....	McComb
✓ Cunningham, Floyd .....	Malinta
Curtin, Ursula .....	Toledo
Curtis, May.....	Bradner
Dauer, Matilda Hannah .....	Haskins
Davenport, Grace.....	Bowling Green
Davidson, Ethel.....	Bowling Green
Davis, Marie .....	Toledo
Degnan, Dorothy.....	Toledo
Dennis, Myrtle .....	Weston
Devlin, Lillian N.....	Toledo
Dey, Ruth Ann .....	Toledo
Dishong, Lena.....	Hoytville
Doster, Velmah G .....	Latty
Drummond, Viola .....	Bowling Green
✓ Dunkin, Ralph .....	Mt. Victory
Earley, Eva .....	Vanlue
Ebert, Elise C.....	Sandusky
Ebersole, Belle.....	Arcadia
Ebersole, Nellie .....	Arcadia
Edelman, Ruby.....	Whitehouse
Edwards, Estella .....	Bowling Green
Emrick, Ida.....	Weston
✓ Ensign, Sidney.....	Findlay
Falke, Clementine M.....	Toledo
✓ Falls, Clifton Thomas .....	Cygnat
Fast, Nellie.....	Haviland
Fenberg, Zella .....	Findlay
✓ Fields, W. H.....	Marion
Fisher, Hilbert Gephart .....	Fremont
Fitzpatrick, Beata .....	Toledo
Foltz, Bess.....	North Baltimore
Fogg, Florence C.....	Toledo
Ford, Mabel Marie .....	Toledo
Forry, Margaret.....	West Mansfield
Fritz, Estella A... ..	Toledo
Frommer, Helen S.....	Hoytville

✓ Funk, Aaron R.....	New Philadelphia
Gangware, Gladys.....	Sandusky
Garn, Hazel.....	Gibsonburg
Gaskell, Gladys.....	Plymouth
✓ Gassman, Harold.....	Arcadia
Geisey, Lydia.....	Van Buren
Gildea, Marie K.....	Toledo
Gingrich, Ethel.....	Weston
Gingrich, Florence.....	Weston
✓ Goble, Paul R.....	Jerry City
Gottschalk, Louella.....	Napoleon
Grigg, Rhea.....	Bradner
Grover, Dorothy.....	Toledo
✓ Hadley, Elmer.....	McClure
Haley, Alice Agnes.....	McComb
Hannes, Mildred A.....	Toledo
Hanely, Cora A.....	Stony Ridge
Harman, Pearl.....	Prairie Depot
Hathaway, Dell M.....	Fredericktown
Hein, Marie.....	Sandusky
Held, Verile I.....	West Unity
Hendricks, Ina L.....	Bowling Green
✓ Herr, Henry.....	Malinta
✓ Herr, Ross.....	Malinta
Hesser, Ethel Martin.....	Bowling Green
✓ Hines, Clifford.....	Bowling Green
✓ Hissong, Bruce.....	Rudolph
Hissong, Helen Marguerite.....	Van Buren
Holmes, Clara L.....	Toledo
Hollopeter, Lola.....	Carey
Hoskinson, Gladys.....	McClure
Hooker, Frederica.....	Bowling Green
✓ Hopper, Vernill J.....	Bowling Green
✓ Hutchinson, Herbert H.....	Whitehouse
Instone, Mary Olive.....	Portage
Irwin, Alice Addie.....	Holland
James, Letha.....	Mt. Gilead
Jamison, Lucile.....	Ft. Jennings
Johnson, Darlie.....	Cleveland
Kauke, Irene F.....	Toledo



Keil, Florence M.....	Toledo
Keil, Lucy E.....	Toledo
Ketzenberger, Ethel .....	Rawson
Kortier, Esther.....	Delphos
Kost, Helene M.....	Portage
Kruger, Alice E.....	Rossford
Kuerten, Clara.....	Haskins
Lane, Cora .....	Bowling Green
Lawrence, Joy.....	West Mansfield
Lamont, Lois Mae.....	Perrysburg
Leatherman, Elsba.....	Hoytville
✓ Leonard, John.....	Grover Hill
Levy, Dorothy.....	Toledo
Linhart, Rue Ella.....	Bloomdale
✓ Lombard, Roy.....	Prairie Depot
Long, Edna.....	Grand Rapids
✓ Lowery, Cletis V.....	Carey
✓ Lutz, Charles Alvin.....	Deshler
Macelwane, Anna R.....	Port Clinton
Machen, Mildred.....	Toledo
MacSweeney, Lucille.....	Toledo
✓ Mattin, Earl.....	Grand Rapids
McClung, Arona .....	Bowling Green
McClung, Jessie.....	Bowling Green
McCormick, Margaret.....	Bradner
McCreery, Lois .....	Toledo
✓ McCullough, James .....	Mt. Victory
McDowell, Effie.....	Prairie Depot
McKinnon, Mary J.....	Toledo
McKnight, Cecile.....	Delaware
McMillen, Helen.....	Van Wert
✓ Marmon, Harry .....	Ridgeway
Maurer, Loma .....	Mendon
Maxwell, Mary.....	Portage
✓ Meek, C. M.....	Bowling Green
Mensing, Veronica.....	Toledo
Mercer, Jessie.....	Bowling Green
Metter, Gladys.....	Prairie Depot
Meyers, Edith.....	Malinta
Miller, Mable.....	Elmore

Modisett, V. Dollie.....	Bowling Green
Moore, Vesta .....	Hoytville
Mowery, Lola. ....	Napoleon
Moylan, Margaret.....	Toledo
Mullineux, Nelle.....	Toledo
✓ Munn, Robert.....	Portage
Murphy, Frances .....	Cygnets
✓ Myers, Asa C.....	Raymond
Myers, Jessie.....	McClure
Nassenberg, Beulah.....	Toledo
Nelson, Coral.....	Bowling Green
✓ Noller, Fred.....	Arcadia
✓ Nutter, Floyd.....	Custar
O'Boyle, Helen Marie.....	Toledo
O'Brien, Mrs. Mary.....	Toledo
O'Brien, Irene A.....	Toledo
Offerman, Alice Carey.....	Pemberville
✓ Page, Leo C.....	Jerry City
Parcher, Flossie.....	North Baltimore
Parker, Lois.....	Bowling Green
Peacock, Stella.....	Hicksville
Pettys, Avery.....	Grand Rapids
Philo, Erma M.....	Maumee
Poe, Florence.....	Van Buren
✓ Poland, John A .....	Weston
Potter, Ray V.....	Weston
Powell, Vivian G.....	Bowling Green
Powers, Lucy E.....	Perrysburg
✓ Price, F. N.....	Arlington
✓ Provens, William C.....	Bowling Green
Quayle, Elzeabeth .....	Portage
Ranger, Mary C.....	Carey
Reed, Matie F.....	Deerfield, Mich.
Rehfeldt, Fairy Naomi.....	Toledo
Renshler, Eula.....	Vanlue
Rhoades, Dorothy.....	Toledo
Riley, Helen E.....	Toledo
Risden, Grace E.....	Vermilion
✓ Roberts, Clyde.....	Bowling Green
✓ Roberts, W. Earl.....	Bowling Green



Roberts, Velma.....	Bays
Roberts, Vina.....	Rudolph
Robinson, Helen Ruth.....	Deshler
Rohr, Helen M.....	Toledo
✓ Roller, Willis.....	Findlay
Ruehlen, Christine.....	Rushsylvania
Sanders, Luella G.....	Millbury
Samson, Bessie.....	Toledo
Saxby, Mildred N.....	Weston
Sayler, Bernice.....	Rudolph
Scott, Lena Iona.....	Walbridge
✓ Shaeper, Leo J.....	Burkettsville
Shuman, Ethel Alvina.....	Bowling Green
Severns, Fern.....	Elgin
Sheets, Pearl.....	Prairie Depot
Shoemaker, Angie.....	Prairie Depot
✓ Siggens, Noble.....	Sandusky
Silcox, Edith.....	Toledo
✓ Simon, Clyde.....	Bloomdale
Sloan, Audrey.....	Grelton
✓ Slotterbeck, Dale.....	Bloomdale
Smith, Clara A.....	Hoytville
✓ Smith, Orlo.....	Bays
✓ Solether, Ralph Bernard.....	Bowling Green
Snyder, Lucy Anna.....	Gibsonburg
Spackey, Elza.....	Jerry City
Spreng, Ruth C.....	Bucyrus
Stackhouse, Charlotte.....	Jerry City
Stacy, Bernice.....	Bowling Green
Stafford, Glenna Powell.....	Bowling Green
Sterling, Edythe M.....	Custar
Sullivan, Josephine.....	Toledo
Sutton, Jessie.....	Tontogany
Sutton, Hazel.....	Haskins
✓ Swope, Albert E.....	Jerry City
Tabbert, Gladys E.....	Rocky Ridge
✓ Thrush, M. V.....	Bowling Green
✓ Thomas, Thurlow.....	Grand Rapids
Thurman, Lenna.....	Rudolph
Tirk, Jessie M.....	North Baltimore

Tobias, Madeline M .....	Bowling Green
Tyson, Mina .....	Prairie Depot
Van Dorn, Ruth .....	Hoytville
✓ Van Tassel, Clyde .....	McClure
Van Vorce, Esther .....	Weston
Vine, Clara .....	Genoa
✓ Vogle, Hunter .....	Rudolph
Waggoner, Genevieve G .....	Walbridge
Waggoner, Velma F .....	Walbridge
Walters, Coral .....	Tedrow
Wannemacher, Monica .....	Ottoville
West, Helen Marie .....	Bowling Green
Wheeler, Dora .....	Toledo
White, Mildred Leonore .....	Toledo
Whitehead, Cora .....	Morenci, Mich.
Wichman, Laura .....	Pemberville
Wickerham, Florence .....	McComb
Wille, Gertude .....	Mendon
✓ Williams, Carleton .....	Custar
✓ Williams, H. H .....	Ridgeway
✓ Williams, Grace .....	Wauseon
✓ Williams, Leah V .....	Wauseon
Wineland, Oattie .....	Bloomdale
Wineland, Orpha .....	Bloomdale
Winks, Bernice .....	Toledo
Wrightsman, Olive M .....	Gibsonburg
Yauger, Claire Estelle .....	Union Springs, N. Y.
Young, Elvera .....	Malinta
✓ Zeiter, Earl Fredric .....	Edon
Zimmerman, Velma .....	Toledo
✓ Zumbach, Walter A .....	New Philadelphia

Green



## TRAINING SCHOOL PUPILS

## FIRST GRADE

Beverstock, Margaret	McMahon, Marion
Bowen, Cloyce	Miner, Dale
Bowen, Goldie	Myers, Henrietta
Burnside, Karl	Nearing, Earl
Cooper, Dorothy	Pultz, Essie
Ducat, George	Schroyer, George
Ducat, Lucile	Smith, Clarence
Finch, John	Sweet, Earl
Gibson, Howard	Thomas, Viola
Hale, Waneta	Thompson, Robert
Harris, Clarence	Underwood, Gladys
Hazard, Howard	Urschel, Doris
Ireland, Milton	Waltz, Howard
Jimison, Lester	Warner, Fannie
Kisner, Bertha	Whitacre, Mary
Long, Archie	Young, Frank
Maas, Harold	Zimmerman, Howard
Mahern, Elizabeth	

## SECOND GRADE

Alspach, Vera	Jimison, Sylvester
Avery, Cecil	Leonard, Russell
Bigelow, Josephine	Loomis, George
Campbell, Earl	Mariner, Margaret
Carter, Byron	McBride, Charles
Chamberlain, Nina	McDowell, Robert
Cooper, Lester	McDowell, Russell
Curry, Lynn	Mercer, Elmina
Doane, Kenneth	Myers, Winifred
Elson, Dorothy	Orwig, Florence
Fish, Herbert	Rhoades, Don
Fillinger, Charles	Rood, Dorothy
Gonyer, Clarence	Rosenberg, Ralph
Hale, Waneta	Slaughterbeck, Nina
Hatfield, Margaret	Stacy, Ruth
Hill, Harold	Sterling, Cletus
Housholder, Dorothea	Wilkens, Harriet
Huffman, Herbert	

## THIRD GRADE

Beverstock, June	Lashaway, Beatrice
Bowen, Homer	Long, Chester
Burns, William	Maas, Margaret
Crofts, Kathryn	Mayles, Winifred
DeShetler, Alice	McGrane, Earl
DeShetler, Cecilia	Miller, Bertha
Finch, Hulda	Nelson, Albert
Foote, Alton	Newton, Clara
Hale, Irene	Stacy, John
Hammond, James	Underwood, Norma
Hepfinger, Helen	Warner, Velma
Irelan, Louise	Watson, Margaret
Irelan, Pearl	Whipple, Helen
Ireland, Ethel	Whitacre, May Belle
Knapp, Florence	Wyckoff, Elmer
Ladd, Joseph	

## FOURTH GRADE

Belleville, Bergen	Mills, Trevier
Bernside, Arthur	Newton, Virgil
Bigelow, Earl	Ordway, Donovan
Bigelow, Edith	Phillips, Alvin
Birdsall, Ruth	Pultz, Polly
Browning, Horace	Rudolph, Edgar
Campbell, Norman	Rust, Lucile
Carnes, Mabel	Sheffstall, Levere
Chamberlain, Wayne	Shroyer, Malvern
DeShetler, Harold	Slaughterbeck, Glen
Ducat, Earl	Stack, John
Ducat, Ruth	Stewart, Ruby
Fellinger, Earl	Taylor, Don
Finch, Dorothy	Thomas, Robert
Gibson, Leno	Underwood, Gerald
Gonger, Margaret	VanVoorhis, Esther
Gorrill, Robert	Walker, Althea
Heater, Alice	Waltz, Gladys
Huber, Libbie	Waltz, Helen
Hughes, Henry	Warner, Clifford
Laba, Ralph	White, Helen
McGrane, Harold	Williams, Mary



## SUMMER SCHOOL STUDENTS, 1915

Abbey, Adeline Jeannette.....	Toledo
Adams, Clyde Cyril.....	Bowling Green
Adams, Florence.....	Prairie Depot
Adams, Mary.....	Cleves
Albright, Sadie E.....	Genoa
Antin, Etta Rachel.....	Toledo
Arnold, Mary.....	Union City, Ind.
Atkins, Ethel E.....	Toledo
Augustine, Fern.....	Fostoria
Ault, Louise.....	Lime City
Aurand, Lelah Ruth.....	Old Fort
Babione, Ognnet M.....	Fremont
Babione, Eula M.....	Fremont
Baker, Myrtle R.....	Weston
Barnes, Florence.....	Edgerton
Barnes, Mary.....	Edgerton
Barnes, Stewart S.....	Delphos
Barringer, Alma Ozilla.....	Rockyridge
Bashore, Wilbur E.....	Pemberville
Bates, Leroy W.....	Swanton
Bauman, Burton.....	Bradner
Bausch, Esther.....	Toledo
Bechtel, Myrtle.....	North Baltimore
Beckler, Florence G.....	Delta
Beckler, Frances.....	Delta
Behler, Bessie.....	Shelby
Bell, Lura Lee.....	Bradner
Bell, Maude M.....	McClure
Benard, Helen.....	Fremont
Benchat, Cora B.....	Pettisville
Benschoter, Josephine.....	Bowling Green
Benson, Alice.....	Fayette
Berno, Minnie L.....	West Unity
Berno, Jessie E.....	West Unity
Bernthisel, Helene A.....	Haskins
Berry, Estella.....	Swanton
Betts, Clea G.....	Stryker
Beverstock, Helen.....	Bowling Green

Bickley, Ruby	Sandusky
Biddle, Gilbert	Pemberville
Bixler, Olga	Wauseon
Black, Lula M.	Toledo
Blair, Mabel	McClure
Blake, James	North Baltimore
Blakely, Nora W.	Bowling Green
Blasey, Elvena Dorothea	Pemberville
Bloom, Flossie	Oak Harbor
Boardman, Pearl	North Baltimore
Boardman, Roxy	North Baltimore
Bobb, Beulah	North Baltimore
Boellner, Cecilia	Maumee
Boellner, Mary	Maumee
Boissard, Emilie S.	Bowling Green
Bolander, Elizabeth	Elliston
Borchardt, Lydia	Toledo
Bosler, Anna	North Baltimore
Bowdle, Hazel	Evansport
Bowen, Mrs. Mollie F.	St. Marys
Bowman, Eva M.	Piqua
Box, Russell	Grand Rapids
Boyd, Frances L.	Westerville
Boyles, Mae E.	Fostoria
Bragg, Lynnetta	Castalia
Bragg, Wealtha	Castalia
Bragg, Elva	Castalia
Branigan, Gertrude	Bowling Green
Bricker, Harry F.	Arcadia
Broka, Esther	Perrysburg
Brown, Ida	Wapakoneta
Brown, Mabel	Lemoyne
Brown, Marion	Lemoyne
Brown, Ralph	Hamler
Brown, Ruby	Lemoyne
Bruggermeier, Harry	Pemberville
Bruning, Marie	Pemberville
Bruning, Zella	Bradner
Bryant, Hope	Toledo
Buck, Harry A.	Luckey



Buckenmeyer, Leo.....	Swanton
Burdo, Carrie.....	Perrysburg
Burket, Carrie M.....	New London
Burt, Addie.....	East Toledo
Busch, Susan.....	Sandusky
Bushey, Herbert H.....	Haviland
Buss, Kathryn.....	St. Marys
Butler, Harley G.....	Montpelier
Buto, Marie.....	McComb
Calkins, Harriett R.....	West Toledo
Canfield, Donald.....	Perrysburg
Carpenter, Anna Leah.....	Rudolph
Carrick, Alice.....	Attica
Carrick, Zola.....	Attica
Carter, Gilbert.....	Bellefontaine
Carter, Millie.....	Sandusky
Chamberlain, Myrtle.....	Bowling Green
Chambers, Lucile.....	Toledo
Chamblin, Edith.....	Pemberville
Chandler, Clark.....	North Baltimore
Christen, Mathilda Irene.....	Luckey
Christman, Bertrice.....	Delta
Church, Elsie.....	Walbridge
Clark, Florence H.....	Wauseon
Cleary, Helen.....	Toledo
Cline, C. P.....	Malinta
Clucas, Charles.....	Tontogany
Clucas, Elsie.....	Neapolis
Clymer, Russell.....	Swanton
Cochran, Howard.....	Fayette
Coen, Margie.....	Bowling Green
Collier, Vorys.....	Fremont
Collins, Florence.....	Toledo
Compton, Russell.....	Perrysburg
Comstock, Eva.....	Sylvania
Conklin, Cora M.....	Tiffin
Connell, Wyant W.....	Van Buren
Cory, Leola.....	Toledo
Cowell, Mildred.....	Toledo
Craig, Mrs. Adelaide.....	Perrysburg

Craig, Grayce M. ....	Greenspring
Craig, Myrtle .....	Rushsylvania
Cramer, Mamie E .....	Fostoria
Crandall, Marguerite .....	Toledo
Crandall, Ruby M .....	Toledo
Crawfoot, Myrtle .....	Prairie Depot
Creyger, Flora .....	Whitehouse
Crom, Helen .....	Toledo
Crowley, Mable Louise .....	Toledo
Cummings, Helen .....	Antwerp
Cunningham, Floyd .....	Malinta
Curry, Mildred .....	Delta
Curtis, May T. ....	Bradner
Dale, Lillian .....	Toledo
Dalton, Helen .....	Vickery
Daly, Mary R .....	Sandusky
Dangler, Edward .....	Morenci, Mich.
Daniels, Blanche .....	Toledo
Dauer, Matilda .....	Haskins
Davidson, Ethel .....	Bowling Green
Davidson, Grover .....	Pandora
Davis, Stella M .....	Weston
Davis, Susan M .....	Perrysburg
Dean, Ada .....	Edon
Dean, Nellie .....	Toledo
DeBolt, Ruth Edna .....	Union City
DeRan, Edna K .....	Fremont
Dickman, Eula .....	Vickery
Dierker, Dora E .....	Elmore
Dietrich, Hilda .....	Sandusky
Dietz, Hildegard .....	Perrysburg
Dimke, Olive .....	Napoleon
Dipman, Bertha .....	Gibsonburg
Disher, Mildred .....	West Toledo
Doane, Maude .....	Bowling Green
Dondelinger, Henrietta H .....	Arcadia
Doren, Cora .....	Swanton
Doster, Velmah G .....	Latty
Downey, Edna .....	Toledo
Doyle, Grace .....	Perrybrugs



Drennan, Lawrence	Swanton
Dreyer, Marion	Gibsonburg
Duvall, Mildred	Toledo
Eberly, Zula	Bowling Green
Ebersole, Nellie	Arcadia
Ebling, Edna	Findlay
Eckenrode, Mrs. M. C.	Maumee
Edelman, Clarence Roy	Whitehouse
Eisenhard, Ethel	Fremont
Elliott, Helen	Toledo
Ellsworth, Henry U.	Bowling Green
Emrick, Ida	Weston
Emrick, Lanora	Weston
Escott, Helen M.	Toledo
Esterline, Faye	Fayette
Facer, Ethel	Millbury
Falls, Fern	Cygnets
Farling, Bernice	Toledo
Fassett, Josephine	Toledo
Fast, Nellie	Haviland
Felsted, L. F.	Tontogany
Ferguson, Grace	Fremont
Fields, W. H.	Marion
Fiser, Fama	McClure
Fish, Zella	Bowling Green
Fisher, Frances A.	Maumee
Fitzgerald, Anna Aleta	Fremont
Fitzgerald, Viva Frances	Fremont
Flanagan, Minnie	Maumee
Foltz, Bess V.	North Baltimore
Foote, Edythe	Bowling Green
Ford, Harry	Clyde
Forritter, Lura	Risingsun
Fought, Erwin R.	Gibsonburg
Frankfather, William	West Hope
Frantz, Myrtle	Perrysburg
Freck, Mabel	Convoy
Frederick, Edith M.	Graytown
Frederick, Helen H.	Graytown
Friedley, Emanuel R.	Convoy

Frommer, Edna.....	North Baltimore
Frommer, Helen S.....	Hoytville
Frommer, Louise.....	Hoytville
Fuller, Clarence G.....	Clyde
Fuller, Gladys M.....	Dunbridge
Furry, Ray R.....	Stony Ridge
Garman, Elsie.....	Carey
Gassman, Harold.....	Arcadia
Geiger, Millen.....	Pandora
Gerding, Alice M.....	Pemberville
Gerding, Helen.....	Pemberville
Glaser, Mabel Margaret.....	Oak Harbor
Gnieser, Edith.....	Gibsonburg
Goll, J. Donald.....	Swanton
Goorley, Christina A.....	Toledo
Gorsuch, Venus.....	Wauseon
Grandstaff, Ilma.....	Toledo
Grau, Fred G.....	Jerry City
Gribben, Vada.....	Milton Center
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Griffin, Gertrude.....	Fayette
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Harman, Pearl.....	Prairie Depot
Harmon, Lloyd.....	Wauseon



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Harste, Wanda.....	Toledo
Hartigan, Kathryn.....	Cygnnet
Hasel, Lila .....	Stony Ridge
Haverfield, Marguerite.....	Toledo
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Hawkins, Velma .....	Wauseon
Hayes, Norah .....	Hamler
Headaphol, Clara.....	Wapakoneta
Heckman, Mattie.....	Elmore
Helle, Clara .....	Woodside
Helle, Otto Emery .....	Martin
Helle, Walter.....	Woodside
Helms, Leona.....	Toledo
Heminger, Bertha.....	Prairie Depot
Herr, Ross.....	Malinta
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Killey, Florence.....	Lakeside
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Lamme, Mauvette Irene.....	Fremont
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Landis, Lelia.....	McClure
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Langenderfer, Zeno F.....	Swanton
Langenderfer, Barbara.....	Toledo
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LaRos, Mildred.....	Fostoria
LaSalle, Emmett.....	Delta
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Laudick, Amadens J.....	Delphos
Laver, E. Ray.....	Delta
Lawrence, Joy.....	West Mansfield
Laws, Iva.....	Mt. Cory
Laws, Lydia.....	Mt. Cory
Leake, Addie.....	Toledo
Lehmann, Carrie.....	Risingsun
Lehmann, Eulalia.....	Risingsun
Leonard, John.....	Grover Hill
Leutz, Esther.....	Oak Harbor
LeVier, Ruby.....	Gibsonburg
Lewis, Ruhamah.....	Bellevue
Leydorf, Janice.....	Perrysburg
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Lukens, Elizabeth.....	Ridgeway
Lunger, Guernsey.....	Marion
Lutz, C. A.....	Deshler
McClarren, Howard.....	Delta
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McClung, Mrs. Arona.....	Bowling Green
McClung, Jessie Lenore.....	Bowling Green

McColley, Ruth .....	Tontogany
McDonald, Nellie .....	Kansas
McHenry, Helen B .....	Hoytville
McKesson, Jane Eloise .....	Toledo
McWilliams, Mildred .....	Weston
McWilliams, Myrtle .....	Weston
Maas, Margaret .....	Toledo
MacKay, Grace .....	Toledo
Madison, Grace .....	Elmore
Malone, Catharine Agnes .....	Toledo
Mandler, Kathryn .....	Toledo
Manor, Ruby .....	Grand Rapids
Mansfield, Avanelli .....	Rudolph
March, Eunice .....	Portage
Martin, Elma .....	Risingsun
Martin, Elva .....	Graytown
Martin, Floy L. ....	Bowling Green
Martin, LaVergne .....	Bowling Green
Martin, Rose .....	Graytown
Marwick, Marie .....	Mansfield
Mason, Enid .....	Bradner
Mason, Helen L. ....	Beaverdam
Mattin, Mable Avon .....	Grand Rapids
Matzinger, Ferne .....	Swanton
Maxwell, Mary .....	Portage
Mayhew, Berenice .....	Toledo
Mead, Enid M .....	Greenwich
Meagley, Alice .....	Haskins
Meek, C. M. ....	Bowling Green
Meilink, Margaret M .....	Toledo
Meng, Hilda Luella .....	Oak Harbor
Meurer, Agnes C. ....	Custar
Meyer, Elsie Catherine .....	Oak Harbor
Miles, Herma .....	Tedrow
Miley, Nora .....	Delta
Miller, Anna Barbara .....	Fremont
Miller, Eugene .....	Fayette
Miller, Mabel .....	Elmore
Miller, Martha .....	Lucky
Minderman, Helen .....	Danbury



Minich, Esther.....	Gibsonburg
Mollenberg, Karl E.....	Portage
Mooney, Emma.....	Toledo
Moore, C. R.....	Arcadia
Morris, Jessie B.....	Hoytville
Mullen, Elsie Louise.....	Marion
Muller, Rose.....	Bowling Green
Mullett, Edith.....	Ottawa
Munn, Leota.....	Portage
Munn, Robert.....	Portage
Munson, Elgin.....	Toledo
Murphy, Kathryn.....	Cygnets
Myers, Anna.....	Swanton
Myers, Asa C.....	Raymond
Myers, Eunice.....	Luckey
Myers, Nellie Pearl.....	McClure
Myrose, Ida L.....	Lemoyne
Nicholas, Ellen.....	Bowling Green
Noller, Fred A.....	Arcadia
Nord, Lucy.....	Fremont
O'Brien, Irene.....	Toledo
Offerman, Alice Cary.....	Pemberville
Offerman, Kate.....	Pemberville
Ordway, Emily M.....	Bowling Green
Oswalt, Ruth.....	Milan
Parker, Erma.....	Montpelier
Patterson, Howard.....	Belle Center
Percival, Euva.....	Swanton
Pilliod, Rosine.....	Maumee
Pittenger, Winifred.....	Toledo
Platte, Minnie.....	Bowling Green
Plau, Edith.....	Toledo
Plessner, Ida Marion.....	Toledo
Poland, Clarence.....	Weston
Pomrenke, Minnie Bertha.....	Oak Harbor
Pope, Winifred.....	Perrysburg
Porter, Arthur.....	Cygnets
Potter, Mildred.....	Toledo
Powell, Vivian G.....	Bowling Green
Price, Fannie.....	Toledo

Probert, Clyde A .....	Swanton
Putman, George F.....	Haskins
Quayle, Elzeabeth .....	Kankakee, Ill.
Ralston, Esther .....	Bowling Green
Randolph, Glenn L.....	McClure
Randolph, Nettie .....	McClure
Rausch, Clara .....	Napoleon
Raymond, Ruth .....	Fremont
Reed, Ethel.....	Bowling Green
Reid, Eva A.....	Napoleon
Reid, Nina.....	Toledo
Reidenbach, Harold .....	Convoy
Reigel, Anna M.....	Findlay
Reineck, Marie .....	Gibsonburg
Renner, Dora.....	Napoleon
Renner, Emma.....	Napoleon
Rethinger, Gertrude .....	Bowling Green
Rich, Estella May .....	Bowling Green
Richards, Eva E.....	Rock Creek
Richardson, Joy .....	Deerfield, Mich.
Richardson Mabel.....	Toledo
Riehm, Mary.....	Old Fort
Rine, Odessa M.....	Flat Rock
Risden, Grace E.....	Vermilion
Rhoades, Dorothy.....	Toledo
Robbins, May .....	Fremont
Roberts, Rose ... ..	Bowling Green
Roberts, W. E.....	Bowling Green
Roberts, Relief .....	Bowling Green
Robinson, Lucretia.....	Dunbridge
Rofkar, Mable .....	Port Clinton
Rogers, Irene .....	Toledo
Roth, Roscoe H... ..	Archbold
Rudolph, Maud .....	McClure
Ruehlen, Christine .....	Rushsylvania
Rumer, Imojean.....	Ridgeway
Runkle, Leura .....	Findlay
Rupp, Alice .....	Clyde
Rush, Alice .....	Holgate
Russell, Nellie G .....	Fayette



Rutherford, Ruby	Clyde
Rymers, Lowell R	LaCarne
Salathe, Jane	Venedocia
Salter, Frances H	Toledo
Sanders, Luella Gertrude	Millbury
Sanders, R. Viola	Millbury
Sandwich, Esther	Woodville
Sandys, Gertrude L	Toledo
Sargent, Jacie	Portage
Sauer, Helene	Toledo
Saxby, Mildred N	Weston
Schacht, Estelle	Sandusky
Schardine, Ruth D	Cleves
Scheuerman, Ruth Elizabeth	Oak Harbor
Schiermeyer, Ada	Pemberville
Schluter, Mildred Lucile	Toledo
Schmunk, Louis C	Antwerp
Schuchardt, Grace	Findlay
Schultz, Waneta	Bowling Green
Schuster, Edmund	Perrysburg
Schwartz, Hattie	Lindsey
Schweheimer, Frank	Portage
Schwegler, Marie	Toledo
Seekamp, Mena	McClure
Sell, Lula	Delta
Sheffer, John J	Pemberville
Shepard, Marshall A	Custar
Shepherd, Grover T	Curtice
Sherman, Alma	Stony Ridge
Shook, Donna	Rudolph
Shreffler, Cary	Fremont
Shull, Ollie	McClure
Shumaker, Alvah	Bowling Green
Shumaker, Edna Clair	Bowling Green
Shumaker, Helen	Bowling Green
Siek, Esther	Toledo
Siggins, Gladys	Sandusky
Simmons, Gladys M	Perrysburg
Simon, Dorothy B	Findlay
Simpson, Mary	Belle Center

Slack, Gladys .....	Hillsdale, Mich.
Slaybaugh, Blanche I.....	Toledo
Smith, Clara A.....	Hoytville
Smith, Lela.....	Pandora
Smith, Lucinda.....	Sandusky
Snow, Ruth .....	Fayette
Snyder, Mabelle.....	Fremont
Souders, Calvin J.....	Columbus Grove
Southard, Charlotte.....	Toledo
Spackey, Elsie .....	Jerry City
Spangler, Mary .....	Holgate
Spaulding, Lena .....	Swanton
Spaulding, Minnie.....	Swanton
Spilker, Edna L.....	Perrysburg
Stacy, Bernice.....	Bowling Green
Stauffer, Cora L.....	Toledo
Stein, Lyda .....	Pemberville
Steinberger, Ludwina.....	Fremont
Stem, Alice W .....	Toledo
Stevens, Gertrude.....	Genoa
Stewart, Daisy.....	Millbury
Stewart, Mabel.....	Findlay
Stickle, Lillian.....	Columbus
Storey, Lloyd L.....	Vickery
Storts, Hazle Christobelle.....	Fostoria
Stover, Iva Mae.....	Columbus Grove
Strong, Zera .....	Metamora
Strow, Kahtoma .....	Columbus Grove
Sturgess, Edith .....	Fostoria
Sturm, Ina B.....	Fremont
Sullivan, Josephine.....	Toledo
Swan, Luluvene Jenifer.....	Bowling Green
Swartzman, Erna.....	Gibsonburg
Swope, Maude.....	North Baltimore
Taylor, Dorothy .....	Gibsonburg
Taylor, Lucile .....	Gibsonburg
Tebbe, Hilda .....	Gibsonburg
Teller, Jennie .....	Portage
Thomas, Bertha.....	North Baltimore
Thomas, Mabel.....	Bowling Green



Thraves, Leone.....	Fremont
Thrush, M. V .....	Bowling Green
Thurlby, Gladys .....	Perrysburg
Thurman, Gladys .....	Rudolph
Timpe, Emilie.....	Waterville
Toan, Lucile .....	Bowling Green
Tobias, Madeleine M.....	Bowling Green
Townsend, Rachel.....	Edon
Tracy, Bernice T .....	Toledo
Travis, Helen .....	Grelton
Truman, Verna .....	LeMoyné
Truman, Mabel .....	LeMoyné
Twining, Irma.....	Bowling Green
Tschumy, Josephine E.....	Oak Harbor
Tyson, Mina.....	Prairie Depot
Uthoff, Leona.....	Perrysburg
Van Fossen, Clark H.....	Fayette
Van Fossen, Mabell.....	Fayette
Van Natta, Eva.....	Lemert
Vermilya, Bertha.....	Haskins
Vermilyea, Hattie .....	Toledo
Wade, Margaret .....	Grand Rapids
Waggoner, Carol .....	Perrysburg
Wagoner, Faye Alice.....	Bowling Green
Wales, Blossom.....	Swanton
Ward, Ila .....	Dunbridge
Warner, Wealthie .....	Napoleon
Watkins, Orra .....	Delta
Webb, B. T.....	Pemberville
Weed, Ardella .....	Vickery
Weisenauer, Chas. H.....	Bloomville
Wenger, Helen .....	Findlay
Wertz, Gertrude .....	Helena
Whaley, Kenneth.....	Morenci, Mich.
Wheeler, Dora.....	Toledo
White, Doris .....	Toledo
Whitehead, Cora.....	Morenci, Mich.
Wickert, Martha.....	Old Fort
Widman, Mary .....	Fremont
Wilbur, Olive .....	Milan

Wilcox, Gertrude .....	Fayette
Wilhelm, Ruth .....	Defiance
Williams, Lillian M .....	St. Marys
Wilson, Bertha .....	Toledo
Wilson, Gladys .....	Bowling Green
Wiseley, Walter G .....	Weston
Wood, Mrs. Olive E .....	Bowling Green
Woodrich, Rozella ..	Oak Harbor
Woodring, Vida .....	LaCarne
Wrightsman, Olive .....	Gibsonburg
Young, Lula L .....	Wapakoneta
Zeigler, Emily .....	Swanton
Zeiter, Earl .....	Edon
Zeller, Lillian .....	Bowling Green
Zierolf, Valerie .....	Hamler
Zimmerman, Dot .....	Bowling Green



## SUMMARY OF ATTENDANCE

Seniors, Two-Year Course .....	35
Other Students .....	269
Saturday Classes at the College .....	78
Summer School, 1915 .....	615
Extension Classes .....	520
Training School.....	145
Total .....	1662
Training School and Names Repeated .....	234
Net Total.....	1428

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First Semester	Second Semester
Art Appreciation and Hist., 31 2	Botany, Phys. Sc., 22..... 3
Chemistry of Foods, Phys. Sc., 25..... 3	History of Education, 24.... 3
Dressmaking, 25..... 3	Home Cooking and Table Service, 28..... 3
Music, 23..... 1	Home Nursing, 30..... 1
Observation and Practice, Ed., 31..... 3	House Furnishing, 32..... 2
Physical Education..... ½	Household Management, 34 2
Sanitation and Health, Phys. Ed., 21..... 3	Teaching of Home Economics, 36..... 3
Textiles, 27..... 2	Physical Education..... ½
	17½
17½	

SPECIAL TWO-YEAR COURSE IN INDUSTRIAL ARTS

(Manual Training)

FIRST YEAR	
First Semester	Second Semester
Elementary Handwork, 23... 2	Cabinet Making, 34..... 3
Elementary Woodworking, 29 2	Elementary Design, 26..... 3
English, 21..... 3	English, 22, and 24 or 26... 3
Mathematics, 21..... 3	Physical Education..... ½
Physical Education..... ½	Principles of Teaching, Ed., 22..... 3
Physics, Phys. Sc., 29..... 4	Representative Drawing, 22 2
Psychology, Ed., 21..... 3	Shop Drawing, 28..... 3
	17½
17½	

SECOND YEAR	
First Semester	Second Semester
History of Architecture, 35... 2	Art Metal Work, 36..... 3
Industrial Arts Education, 33 2	Concrete Construction, 38.. 3
Observation and Prac., Ed., 31 3	Educational Sociology, Ed., 26..... 2
Physical Education..... ½	Forge Shop, 40..... 3
Shop Mathematics, 37..... 4	History of Education, 24.... 3
School Organization, Ed., 23 3	Observation and Practice, Ed., 32..... 3
Turning & Pattern Making, 39 3	Physical Education..... ½
	17½
17½	

SPECIAL TWO-YEAR COURSE IN PUBLIC SCHOOL MUSIC

FIRST YEAR	
First Semester	Second Semester
Elements of Music (Notation and Sight Singing), 21..... 2	Elements of Music (Notation and Sight Singing), 22... 2
English, 21..... 3	English 22, and 24 or 26... 3
Industrial Arts (Drawing), 21 2	Industrial Arts (Drawing), 22 2
Physical Education..... ½	Physical Education..... ½
Psychology, Ed., 21..... 3	Piano, 26..... 2
Piano, 25..... 2	Principles of Teach., Ed., 22 3
Public School Music, 27..... 2	Public School Music, 28.... 2
Singing (Voice culture), 29... 2	Singing (Voice culture), 30 2
	16½
16½	

SECOND YEAR

First Semester	Second Semester
Advanced Piano, 31..... 2	Advanced Voice or Piano, 34 or 32..... 2
Advanced Singing (Voice), 33 2	Harmony and Melody Writing, 36..... 3
Harmony and Melody Writing, 35..... 3	History of Education, 24.... 3
History of Music, 37..... 2	History of Music, 38..... 3
Music Appreciation, 23..... 2	Music Appreciation, 24..... 2
Observation and Prac., Ed., 31 3	Observation and Practice, Ed., 32..... 3
Physical Education..... ½	Physical Education..... ½
School Organization, Ed., 23 3	
	16½
17½	

### 3. To Three-Year Diploma Courses for Graduates of Second Grade High Schools.

For the present, three-year courses are offered for graduates of second grade high schools. The work of the first year is essentially preparatory, and will be modified to suit the particular needs of the student.

Graduates of second grade high schools will be admitted to the three-year diploma course, but students of high school age residing in districts which maintain first grade high schools will not be eligible for admission to this course.

#### RESIDENCE REQUIREMENTS

Candidates for a diploma must do at least one semester's work in residence at the College and candidates for a degree at least one year's work. Three summer sessions of six weeks are considered the equivalent of one semester and five summer sessions the equivalent of a year.

## STUDENT ORGANIZATIONS

#### BOOK AND MOTOR

Book and Motor is an honorary senior society to which are elected at the beginning of their senior year those students who, in the opinion of the Faculty, have profited most fully by the instruction offered at their Alma Mater and who have contributed most generously to her traditions. Its object is the fostering of college spirit and the recognition of merit in scholastic and social endeavor. The honor of election is awarded in the form of a gold key consisting of the College monogram surmounted by a book and motor.

#### LITERARY SOCIETIES

There are two permanent literary societies connected with the College—the Wilsonian and the Emerson. The aim of these societies is to increase the power of oral expression, to acquire habits of logical thinking, to develop those social graces which make for real culture, and to uplift the profession of teaching. Any student or graduate of the Normal College may become an active member of one of these societies and any other person may become an honorary member by receiving a two-thirds vote of a society and the approval of the Faculty.

#### MAY FESTIVAL CHORUS

The large Festival Chorus of two hundred voices is an organization of singers from the State Normal College and the city of Bowling Green, the purpose of which is the rendition of great choral works and oratorios at the time of the Spring Music Festival. Artists of national reputation assist the chorus at these festivals.

#### TREBLE CLEFF CLUB

(Girls' Glee Club). Membership is limited to twenty-four voices chosen according to singing ability. Programs are given consisting of the best part-songs, choruses, and ballads, written for ladies' voices.

#### PHILHARMONIC CLUB

(Summer School Organization). The study of a number of the standard choral works for mixed voices through rehearsal of compositions. For admission to the course, one must be able to read music and to carry a voice part. The club is limited to seventy-five members and appears in public performance toward the close of the summer term.



## TEACHING OF SECONDARY MATHEMATICS

Intended for supervisors, teachers, and those preparing to teach. It treats of the aims, organization, and methods of teaching Algebra and Geometry. Among the topics considered are the aim of secondary Mathematics, the introduction to Algebra and Geometry, the place of problems in Algebra and of originals in Geometry, general methods of attack in Geometry, practical applications, inductive work in Geometry, present tendencies, proposed omissions and additions, and mathematical clubs. Credit, 3 hours.

## MUSIC

## 21-22—ELEMENTARY MUSIC

This course deals with the elements of music, rote singing the facts of time and tune with their staff representation, leading to sight-reading of one and two-part music. It will also include oral, tonal, and written dictation. Credit, 2 hours for regular students; 4 hours for special students of public school music of whom extra work will be required.

## 23-24—MUSIC APPRECIATION

Designed to acquaint students with standard, vocal, and instrumental compositions, and to enable them to listen discriminately. A study of musical compositions through the analysis of vocal and instrumental forms. The course is copiously illustrated by the best examples on the Victrola and Player-piano. No previous knowledge of music is required. Credit, 2 hours for regular students; 4 hours for special students of public school music of whom extra work will be required.

## 25-26—PIANO PLAYING

Technical and interpretative studies in piano playing, and study of the less difficult piano literature of the old and modern masters. Work in sight reading to cultivate accurate accompanying in song and hymn singing. Individual and class work. Two lessons and six to twelve hours' work required each week. Credit, 4 hours.

## 27-28—PUBLIC SCHOOL MUSIC

General principles of teaching school music. An outline of the work of the various grades, choice and use of material, children's voices and interpretation. It will also include a study of rhythm and sight-singing. A survey of the current school music courses. Prerequisite: Music 21-22. Credit, 4 hours.

## 29-30—SINGING

Fundamental principles of voice building; correct poise, with proper breathing; blended scale, diction, and vocal studies. Individual and class work. Two lessons and six to eight hours' work required each week. Credit, 4 hours.

## 31-32—ADVANCED PIANO PLAYING

The development of piano technique. Study of the more difficult piano literature of the old and modern masters. Individual and class work. Two lessons and six to twelve hours' work required each week. Credit, 4 hours.

## 33-34—ADVANCED SINGING

The development of vocal technique. Continuation of vocal studies and song interpretation. Individual and class work. Two lessons and six to ten hours' work required each week. Credit, 4 hours.

## 35-36—HARMONY

The fundamental principles of the theory of Music are embodied in the study of harmony, which treats of the different intervals and chords in their natural relations and combinations. The subdivisions of the subject are as follows: Scales, intervals; triads, sixth, seventh, and ninth chords with their inversions; cadences, and modulation; harmonizing melodies. Chromatically altered chords; augmented chords; suspensions; passing and changing notes; analysis; ear-training; original work in harmonizing melodies. Prerequisite: Music 21-22. Credit, 6 hours.

## 37-38—HISTORY OF MUSIC

This course includes the growth of music from ancient to modern times; the history of early church music; the development of musical forms, sacred and secular, and instruments; the polyphonic era. Modern music and musicians; biographies and the works of the great masters of the classic, romantic and modern schools. The history of the opera, oratorio, cantata, symphony, and various other forms are studied in detail. The course is well illustrated. Prerequisite: 21-22. Credit, 5 hours.

## PHYSICAL EDUCATION

## 21—SANITATION AND HEALTH

A study of the conditions upon which health depends and the best way to secure the formation of hygienic habits. It includes dietetics, harm of drugs and stimulants, muscular activity, care of the sense organs, prevention of colds, ventilation, water supply and drainage, modes and sources of infection, school sanitation and the hygiene of instruction. Credit, 3 hours.

## BIOLOGICAL SCIENCE

## 22—BOTANY

Study of the plants themselves. Attention will be given to growth from buds and seeds, influence of light, temperature, moisture, soil, etc., roots, stems, leaves, flowers, fruit, classification, economic importance. Trees, shrubs, herbs, mushrooms, molds and yeasts will be studied. Two single and three double periods. Credit, 3 hours.

## 25—ZOOLOGY

A study of familiar animals, insects, birds, mammals, etc., by actual observation supplemented by reading and oral instruction. Attention will be given to form, structure, development, relationship, vital processes, food getting, avoiding enemies, home making, care of young, and importance to man. Some of this study will be out of doors. Three single and two double periods. Credit, 3 hours.

## NATURE STUDY

This course is designed to afford elementary teachers an opportunity to become better acquainted with the nature of many common objects and phenomena. It will include out-of-door observation of rocks, fossils, plants, animals and stars; indoor study of some of the specimens which children may collect. Three double periods. Credit, 3 hours.

## PHYSICAL SCIENCE

## 21-22—CHEMISTRY

A first course with emphasis on those subjects which the student needs to know to prepare him for a course in Agriculture or Home Economics. One single and two double periods. Credit, 6 hours.

## 25—CHEMISTRY OF FOODS

A course planned for students specializing in Home Economics. It treats of fuels, hydrocarbons, alcohols, carbohydrates; tests for the different sugars, testing of flours, meals, cereals, etc.; fats—properties, tests, saponification; proteins—classification, characteristic tests. Study of the composition of such foods and beverages as eggs, meat, milk, cheese, tea, coffee, cocoa. Tests for adulterations of different food products. Credit, 3 hours.

## 29—PHYSICS

For students who have had high school mathematics and physics. It includes mechanics of solids, liquids and gases, heat, methods of heating and ventilating, water supply, sewage disposal, pumps, gas engines, electric motors, other electrical appliances, also the repair of farm machinery and household utensils. Credit, 4 hours.



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