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Normal Bulletin, March, 1912

State Normal and Industrial School for Women (Harrisonburg, Va.)

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ACADEMIC CALENDAR—1912

June 19, Wednesday—First Term, Summer Quarter, begins.
July 30, Tuesday—First Term, Summer Quarter, ends.
July 31, August 1 and 2, Wednesday, Thursday, Friday—State Examinations for First, Second and Third Grade Certificates.
July 31, Wednesday—Second Term, Summer Quarter begins.
August 31, Saturday—Second Term, Summer Quarter, ends.
September 25, Wednesday—Fall Quarter, Fourth Year, begins.

Students may enter at the beginning of either term of the Summer Quarter. Attendance during three full quarters whether consecutive or not, will be considered as one school year, and so credited for any of the diplomas and certificates offered by this school.

THE NORMAL BULLETIN

Published by the State Normal and Industrial School for Women, at Harrisonburg, Virginia. Issued four times a year. Entered as second-class matter March 2, 1908, at the post-office at Harrisonburg, Virginia, under the Act of July 16, 1909.

Copies of any number of the Bulletin will be mailed without charge to any address upon application to the President of the school.
FACULTY FOR THE SUMMER QUARTER*

JULIAN A. BURRUSS ......................... President

B. S., Virginia Polytechnic Institute; student, Richmond College; professor of mathematics and natural science, Reinhart Normal College, Speers-Langford Military Institute and Searcy Female Institute; principal of Leigh School, Richmond; graduate student, University of Chicago, Harvard University; director of manual arts, Richmond public schools; scholar in industrial education, Teachers College, New York City; A. M., Columbia University; Master’s diploma, Teachers College; fellow in education, Columbia University; State Normal School, Harrisonburg, 1909—.

CORNELIUS J. HEATWOLE ................. Education

L. I., Peabody Normal College; student, University of Virginia; principal, public school; scholar in education, Teachers College, New York City; superintendent of schools; B. S., Columbia University; Bachelor’s diploma, Teachers College; instructor in education, University of Virginia summer session; dean of the School for Teachers and professor of education, State College for Women, Tallahassee, Florida; State Normal School, Harrisonburg, 1909—.

JOHN W. WAYLAND ....................... History

B. A., Bridgewater College; professor of history, Bridgewater College; instructor in history, University of Virginia; Ph. D., University of Virginia; instructor in University of Virginia summer session; master in history and English, Jefferson School for Boys; author; secretary, Association of Secondary Schools and Colleges of Virginia; State Normal School, Harrisonburg, 1909—.

YETTA S. SHONINGER ..................... Primary Methods and Supervisor of Observation

Graduate, Normal Training School, Louisville; teacher of primary grades, Louisville public schools; graduate, Kindergarten Training School; student, University of Chicago; B. S., Columbia University, New York City; Bachelor’s diploma for primary supervision, Teachers College; instructor, Summer Normal School, Covington, Virginia; supervisor, Training School, State Normal School, Springfield, Missouri.

ELIZABETH P. CLEVELAND .............. English

A. B., Hollins Institute; instructor, Hollins Institute; instructor, Ouachita College; principal, high school; professor of English language and literature, Central College; lady principal, Central College; professor of English and literature, Hollins Institute; State Normal School, Harrisonburg, 1909—.

*The instructors are arranged in the order of the dates of their first appointment at this school.
MATTIE A. SPECK .............................Manual Arts
Teacher in public schools; special student in drawing and design under private instruction; student, University of Virginia summer session; instructor of art in private classes; supervisor of drawing, Harrisonburg public school; summer student, Columbia University; State Normal School, Harrisonburg, 1909—.

JAMES C. JOHNSTON .............................English
Student, Columbian University; student, Georgetown College; student, Johns Hopkins University; instructor, Mercersburg Academy; instructor in English, German and science, Harrisonburg High School, 1900--; instructor in Winchester Summer School; State Normal School, Harrisonburg, 1909—.

WILLIAM R. SMITHEY .............................Mathematics
A.B., A.M., Randolph-Macon College; special student in mathematics and science, University of Virginia; professor of mathematics, Powhatan College; principal, high and grammar schools; head of mathematical department, Richmond High School; instructor, Norfolk Summer Normal, and Big Stone Gap Summer Normal; president Association of Colleges and Secondary Schools of Virginia; principal, Petersburg High School; instructor, Harrisonburg, summers of 1910 and 1911.

WILLIAM D. SMITH .................Physiology and Agriculture
B. A., M. A., Amherst College; principal, Port Jervis, New York; superintendent and principal, Warwick, New York; head master, Bon Air School for Boys; principal, Scottsville High School; student in biology and education, University of Virginia summer session; instructor in agriculture and geography, Winchester Normal Institute; Harrisonburg, summers of 1910 and 1911.

JOHN S. FLORY .............................History
B. Lit., Mount Morris College; B. A., Bridgewater College; M. A., Bridgewater College; assistant in English literature, University of Virginia; student, Ohio Northern University; Ph. D., University of Virginia; professor of English and German, and vice-president, Bridgewater College; instructor in Winchester Summer Institute; instructor in Fredericksburg Summer Institute; author; president of Bridgewater College; instructor, Harrisonburg, summer of 1911.

MARGARET A. LEMON ....................Primary Methods
Diploma, Memminger Normal School, Charleston, S. C.; student, summer schools, Knoxville and University of Virginia; student, Teachers College, Columbia University, New York City, 1906-1908; teacher, Speyer School, Teachers College, New York; primary teacher, Abbeville, S. C., and Harrisonburg, Va., 1910—; instructor, Harrisonburg, summer of 1911.

W. D. G. WINE ...........................English and Latin
Graduate, Augusta Military Academy; student, University of Virginia; principal of school at Front Royal, Va.; instructor, Woolwine School, Tennessee; principal of school, Monticello, Fla.; supervising principal, De Funiak Springs, Fla.; student, University of Chicago; principal, Woodstock High School; instructor, Winchester Summer Normal Institute; Harrisonburg, summer of 1911.
AMELIA H. BROOKE
Student, Stuart Hall School; graduate, State Normal School, Harrisonburg; instructor, summer, 1911.

JULIA STARR PRESTON
Graduate in music, Pennsylvania State Normal School; instructor in music, Front Royal College; supervisor of music, Harrisonburg public schools; State Normal School, Harrisonburg, 1911—.

N. D. COOL
B. E., Bridgewater College; student, Valley Normal, West Central Academy, Shenandoah Collegiate Institute; teacher and principal, public schools; principal, Winchester public schools; local manager and instructor, Winchester Summer Normal Institute five years; president, conference for principals of State Teachers Association.

HENRY A. CONVERSE
B. A., Hampden-Sidney College; Ph. D., Johns Hopkins University; instructor in mathematics, Shenandoah Valley Academy, Winchester, Virginia; instructor in mathematics, Johns Hopkins University; professor of mathematics, Davis-Elkins College; instructor in University of Virginia Summer School; head of department of mathematics, Baltimore Polytechnic Institute.

GEORGE E. BENNETT
A. B., William and Mary College; teacher, Roanoke, Virginia; principal, Miami, Florida; Shoemaker High School, Scott County, Virginia; principal of the R. E. Lee School, Petersburg, Virginia; instructor in Summer Normals at Covington, Martinsville and Big Stone Gap; vice-president of the State Teachers Association.

W. G. EDMONDSON
Graduate, military academy; A. B., Emory and Henry College; teacher and principal, public and private schools; principal, Lincoln High School; superintendent of schools, Loudoun County division; instructor Winchester Summer Normal Institute.

LILA L. CHISMAN
Graduate, State Female Normal School, Farmville, Virginia; student, Harvard University summer school and University of Virginia summer school; teacher, Syms-Eaton Academy and public schools, Hampton, Virginia; instructor, Winchester Summer Normal, 1909, 1910 and 1911; secretary, primary teachers department of State Teachers Association.

JANET SHARP
Student, Art Academy, Cincinnati, and Chicago Academy of Fine Arts; instructor, Winchester Summer Normal Institute, three years; teacher of drawing, etc., public schools, Parkersburg, West Virginia.

KATE KELLY
Student, Teachers College, Columbia University, New York City; teacher, public schools; primary teacher, Harrisonburg, 1911.

F. ELSIE HYDE
Graduate, Valley Female College; teacher, private and public schools; teacher, Harrisonburg public schools, 1907—.
RAYMOND C. DINGLEDINE
Mathematics
Graduate, Harrisonburg High School; student, University of Virginia; instructor, Jefferson School for Boys, Charlottesville.

MARY L. LYLE
Household Arts
Teacher, public schools; student, University summer school; graduate, in household arts, State Normal School, Harrisonburg.

EDMONIA B. SHEPPERSON
Manual Arts
Graduate, in manual arts, State Normal School, Harrisonburg; student-assistant in manual arts, 1912—.

MARY I. BELL
Registrar and Acting Librarian
Graduate Pierce School, Philadelphia; graduate, Phonographic Institute, Cincinnati; State Normal School, Harrisonburg, 1909—.

JULIA T. SPRINKEL
Cashier
Graduate, Harrisonburg High School; State Normal School, Harrisonburg, 1910—.

LILLIAN V. GILBERT
Assistant in Library
Student, Randolph-Macon Woman's College; teacher, public schools; student, State Normal School, Harrisonburg.

BETTIE R. FIREBAUGH
Assistant in Library
Student, Daleville College; teacher, public schools; student, State Normal School, Harrisonburg.

ALLEYN CONN
Assistant in Library
B. S., Eastern College; teacher, public schools; student, State Normal School, Harrisonburg.

XENIA HOLMES
Assistant in Library
Graduate, Luray Normal Training High School; teacher, public school; student, State Normal School, Harrisonburg.

MRS. R. B. BROOKE
Matron
Matron, Stuart Hall School, Staunton, Va., 1899-1909; State Normal School, Harrisonburg, 1909—.

THOMAS C. FIREBAUGH
School Physician
M. D., University of Virginia; Johns-Hopkins University; member, State Board of Health; State Normal School, Harrisonburg, 1909—.

AMELIA H. BROOKE
Assistant in Home Department
Student, Stuart Hall School; graduate, State Normal School, Harrisonburg; assistant, 1909—.

P. S. ROLLER
Superintendent of Grounds and Buildings
State Normal School, Harrisonburg, 1909—.
GENERAL STATEMENT

This State school opened its first session in September, 1909. It has registered about 900 students, of which a large number have been teachers of considerable experience, holding certificates and desiring to raise the grade of the same or to take one of the diplomas of the school. The school is maintained primarily for the training of teachers for the public schools of the State, and its courses are outlined with special reference to the requirements of the State Board of Education for the various teachers' certificates, which are granted upon completion of the courses in a satisfactory manner. The school year is divided into four quarters of about twelve weeks each, any three of these, whether consecutive or not, counting as one full year.

SUMMER QUARTER

The Summer Quarter is just as much a part of the regular work as the other quarters. It is divided into two six weeks terms, either of which may be considered as the equivalent of the session of other summer normals of like duration. This school is the only one in Virginia, except the University Summer School, offering a six weeks session; and the only one in the State offering two such terms each year. On account of the length of term, the location of the school, and the facilities offered by it, the advantages here are equal to those at any of the summer schools of the State and very superior to most of these. In addition to the attraction of the mountain section in summer, the school dormitories will be in full operation, offering a comfortable and pleasant home for those in attendance.

Full credits will be allowed for work completed in the Summer Quarter. It will be found that the courses are, many of them, arranged with a special view to preparing for the State Examinations, to be given at the school July 31, August 1 and 2. Special attention is called to the fact that those who desire to do so may remain at the school for
a **second term** of five weeks during the summer and thus complete a **full quarter’s work** for credit toward the diplomas and certificates of the school.

During the Summer Quarter men are admitted on the same basis as women.

The Summer Quarter attendance the first year was 207, while that of the second year was 360—an increase of 74 per cent. The work was unusually thorough and was hardly surpassed in any summer school. The excellent results obtained in the examinations testify as to the quality of the work done and the faithfulness of the students.

**LOCATION**

The town of Harrisonburg is situated in the heart of the beautiful Shenandoah Valley about 1500 feet above the sea level. It is on the Manassas division of the Southern Railway, is the terminus of the Valley Railroad of Virginia (operated by the Baltimore and Ohio) and by means of the Chesapeake Western is in close reach of the Norfolk & Western system via Elktown, which is 18 miles distant. At Staunton—26 miles away—connection is made with the main line of the Chesapeake & Ohio Railway, and at Lexington and Buena Vista with the James River division of the same road. A map showing location is given in this announcement.

The climate is, with rare exceptions, not subject to extremes of heat and cold, and in point of healthfulness is unsurpassed in Virginia. The town has, for many years, been a refuge in summer for residents of the tidewater sections and the eastern cities by reason of its complete immunity from malaria; and with its bracing mountain air and pure freestone water it has for a series of years been exempt from fevers and endemic diseases. Several well-known summer resorts and medicinal springs are not far from the town. The public water supply is brought by pipe-line from mountain streams thirteen miles distant. No purer water can be found anywhere.

The school grounds comprise forty-nine acres of land, with a splendid frontage on South Main Street. The site commands a magnificent view of the surrounding valley in every direction, from the Blue Ridge to the Shenandoah Mountains; and adjoins one of the best residential sections of the town, being only three minutes walk from two railway (C. W. and B. & O. Junction) stations. The combi-
Two of the Dormitories as Seen from the Science Hall
(Alleghany Mountains in the Distance)
nation of the town and country features makes the situation ideal for an educational institution.

Harrisonburg claims every advantage of location, accessibility, water and sewerage, electric light, mail and telephone facilities and proximity to white population. It enjoys a combination of healthful environment, sanitary comforts, and a wholesome social and religious atmosphere. There is no better location in the State for a summer school.

BUILDINGS AND EQUIPMENT

Six buildings are now in use on the school grounds, namely, an academic building (Science Hall), two dormitories, two cottages and a steam laundry. The three large buildings are modern in every respect. They have stone walls, tile roofs, hardwood floors, fireproof stairways, and are heated, ventilated and lighted in the most approved manner. The ventilating fan system provides fresh air, and during the summer months keeps the class-rooms unusually comfortable. The most modern sanitary appliances are used. The buildings are comfortably and substantially furnished. Laboratory equipment is provided for the subjects requiring it, especially good facilities being offered for work in Sewing, Cooking, Manual Training and Nature Study.

LIBRARY

The Library contains a good assortment of over two thousand valuable reference books in all the departments of the school, and all the more important general and educational periodicals are kept on file. It is open all day and in the evening, on every day except Sunday.

FACULTY

The instructors during the summer session are regular members of the faculty of the State Normal School, or are well-known educators of wide experience, who have taught in other summer schools and know what those in attendance need. Attention is asked to the large number of instructors. This enables the school to secure specialists, and to provide a large variety of courses. It also makes possible a division of large classes into sections, thus providing a more extensive daily schedule than most summer schools can offer, and enabling those in attendance to register for almost any combination of classes. The classes being
smaller than at most summer schools, better attention can be given to the students.

**OBSERVATION CLASSES**

Realizing the importance of observation in the training of teachers, this school will make every effort to provide proper facilities for this part of the work of the summer session. During the First Term three of the regular teachers of the Training School will have charge of three groups of children, namely, a first grade class, a combination second and third grade class, and a combination fifth and sixth grade class—all being under the direction of the regular Supervisor of Training of the Normal School.

By this arrangement practically all of the work of the primary and grammar grades will be represented. The classes will be in session each school day from 9 to 12 o'clock. Students taking the Second Year of the course for the Professional Elementary Certificate, for either Primary Grades or Grammar Grades, are required to observe the work of these classes an hour each day during the term. Observations will be followed by meetings with the Supervisor for discussion of the work observed. Students who are not taking the Professional Elementary Certificate course may be permitted to observe the work of these classes so far as the class-rooms will accommodate them. All students who are required to take observation work must arrange their programs with the Supervisor of Training, and others who desire to attend these classes should also consult her and obtain permission before going to the school rooms.

**PHYSICAL CULTURE AND RECREATION**

A large gymnasium has been equipped with the usual apparatus for individual use and also with a full complement of dumb-bells, indian-clubs, wands, etc., for drills. Adjoining the gymnasium are locker-rooms with a large number of steel lockers for the use of students. Shower baths are provided on the same floor with the lockers. Three tennis courts and a basket-ball court are at the disposal of those who seek outdoor games. Systematic instruction will be offered in physical culture, and no charge will be made for this or for the use of apparatus. The surrounding country affords ample opportunity for pleasant and interesting walks.
CHAPEL AND SUNDAY SERVICES

Each morning an assembly is held and brief chapel exercises conducted, the greatest care being taken to make them thoroughly non-sectarian. The ministers of the town are asked, from time to time, to take part in these services. There are eleven white churches in town, representing the following denominations: Baptist, Church of the Brethren, Church of Christ, Episcopal, Hebrew, Lutheran, Methodist, Presbyterian, Reformed Church, Roman Catholic, United Brethren in Christ. These churches and their Sabbath Schools cordially welcome the students. The student Young Women’s Christian Association is in a flourishing condition and keeps up its work during the summer, meetings being held one evening in each week. The members of this organization assist in welcoming new students, and will be glad to help in any way possible.

The first general assembly will be held on Thursday morning, June 20, and it is urged that all be present to hear important announcements.

EXCURSIONS

Saturdays will, for the most part, be used for excursions. A member of the faculty will direct all parties. Trips to the following places and other points of interest can be readily arranged at very little cost, if a sufficient number desire to go:

The Cyclopean Towers, or Natural Chimneys, Mt. Solon; Weyer’s Cave and the battlefield of Port Republic; the battlefield and caverns of New Market; the Luray Caverns; Massanetta Cave; the Natural Bridge and Lexington; Ashby’s Monument; the Lincoln and Boone homes, Edom; the Rawley Springs; the Massanetta Springs; Washington City.

LECTURES AND ENTERTAINMENTS

A number of interesting and profitable lectures and entertainments will be given during the summer, at very slight, if any, cost to the students. A splendid electric lantern is freely used for illustrating lectures and class work. These lectures will be given at the daily general assembly, or in the evening, and it is expected that one evening in each week (Friday or Saturday) will be occupied by an entertainment or lecture of general interest.
POSITIONS FOR TEACHERS

A permanent record is kept of every student. The school aims to be of service in bringing students, who are being trained for positions as teachers, to the attention of educational authorities. While it is not possible to promise that positions will be secured for all who apply, especially in the case of students in attendance during only the summer term, yet it may be said that all who applied for assistance in this direction last summer were recommended to places, and a number of applications for teachers could not be supplied for lack of available persons. Students who have not secured positions at the time of the summer school are advised to register their names and credentials with the appointment committee.

CREDITS FOR SUMMER WORK

The instructors will keep the class grades and attendance of students. Absences or late entrance will be counted against the students in making up grades for class work. Students not desiring credit will be allowed great latitude in the choice of classes; those desiring credit should note the following requirements and suggestions. No course may be counted for credit twice.

PROFESSIONAL CERTIFICATES

The State Board of Education recently created two certificates to be known as: (1) "Professional Elementary Certificate—Primary Grades," and (2) "Professional Elementary Certificate—Grammar Grades." Either of these may be obtained for work done at this summer school. The requirements are as follows, the statements being taken from the regulations of the State Board of Education:

"Two Professional Elementary [Certificates will be issued by the State Board of Education:—the Professional Elementary Certificate—Primary Grades and the Professional Elementary Certificate—Grammar Grades. These certificates will be issued for a term of seven (7) years and will be renewable for a similar period from time to time. Courses
leading to the Professional Certificate will be offered only at the State Normal Schools at Farmville, Harrisonburg and Fredericksburg, and the University of Virginia Summer School.

"Entrance to the work leading to the Professional Elementary Certificate shall be restricted to, (1) those holding First Grade Certificates or equivalent certificates, issued by the Board of Education, or (2) those holding High School Certificates who have had at least six (6) months teaching experience. In addition to the work outlined below leading to the Professional Elementary Certificate, a teacher must have had at least nine (9) months successful experience in Primary or Grammar school teaching (according to the certificate for which application is made) as certified to by her superintendent and principal, before the certificate can be issued." (This experience may be had in the time intervening between the summers in which the work is taken.)

"Applicants for the Professional Elementary Certificate must make at least 75% on combined class standing and examination in each subject outlined below.

"The course for the Professional Elementary Certificate—Primary Grades must cover the following: Principles of Teaching (with special emphasis on ‘How to Study’); Primary Methods in Reading; Language; Arithmetic; Physical Nature Study and Home Geography; Hygiene; Music and Games; Primary Industrial Work; Drawing; Observation Work or Practice Teaching.

"The course for the Professional Elementary Certificate—Grammar Grades must cover the following: Principles of Teaching (in two parts and including ‘How to Study’); Methods of teaching Arithmetic (in two parts); Civics and History, Geography, Language, Reading and Literature; Hygiene; Practice Teaching or Advanced Observation; and any one of the following subjects: Drawing, or Manual Training, or Domestic Economy, or Elementary Agriculture and School Gardening. Songs and Games may also be taken at the option of the student, but without credit, although strongly advised.

"The course for the Professional Elementary Certificate (either Primary or Grammar Grades) shall cover at least one year at one of the State Normal Schools, or two sessions of six weeks each, or three sessions of four weeks each, at the summer session of one of the State Normal Schools (as named above).

"The work must be completed in five years if taken in three summer terms of four weeks each, or in four years if taken in two summer terms of six weeks each."

This school has the advantage of a six weeks term, enabling a student to complete the course in two years, instead of the three years required in schools giving only a four weeks term. The two six weeks summer terms must be in separate years, and First Grade or High School Cer-
Certificates will be extended while the holders are taking this course.

Students working for the Professional Elementary Certificate are advised to divide the course as follows, the classes which will be accepted as satisfying the requirement in each case being stated opposite the subject. Only one class is necessary to cover the required work in each subject, the choice depending largely on the time the classes meet as shown in the daily class schedule on a later page. Students who began the course last summer should take the remaining classes this summer regardless of the year in which they come in the following table; but new students should register according to the table for the First Year of the course.

**Professional Elementary Certificate:**

**For Primary Grades—First Year Course**

1. Primary Methods in Language—Education 156 (a) or 156 (b).
2. Primary Methods in Arithmetic—Education 155 (a) or 155 (b).
3. Hygiene—Education 141 (a) or 141 (b).
4. Games—Physical Education 161 (a) or 161 (b).
5. Primary Industrial Work—Manual Arts 131 (a) or 131 (b).
6. Drawing—Manual Arts 134 (d) or 134 (e).

**For Primary Grades—Second Year Course**

7. Principles of Teaching—Education 165 or 145.
8. Primary Methods in Reading—Education 154 (c) or 154 (b).
10. Music—Music 157 (b) or 157 (a).
11. Observation Work—Education 150.

**For Grammar Grades—First Year Course**

1. Principles of Teaching (First Part)—Education 153.
2. Methods of Teaching Arithmetic (First Part)—Mathematics 147 (a) or 147 (b).
3. Methods of Teaching Language—English 148 (a) or 148 (b).
4. Hygiene—Education 141 (a) or 141 (b).
5. Industrial Subject—Household Arts 131 or 137, or Manual Arts 137 or 141 or 144, or Rural Arts 141.

**For Grammar Grades—Second Year Course**

6. Principles of Teaching (Second Part)—Education 145.
7. Methods of Teaching Arithmetic (Second Part)—Mathematics 148.
8. Methods of Teaching Civics and History—History 148.
10. Reading and Literature—English 152.
11. Advanced Observation—Education 150.

(14)
While no work in Physical Education or Music is required in the course for the Grammar Grades Certificate, students are strongly advised to take one or more of these classes if the time will allow: Physical Education 131 (General Course in Calisthenics, etc.), Physical Education 161 (Games), Music 137 (Sight Singing), Music 157 (Methods).

PREPARATION FOR STATE EXAMINATIONS

The various courses offered by the school (outlined in the Annual Catalog) lead to State Certificates, which are granted by the State Board of Education upon completion of the required work of the regular courses. Students who cannot attend the Normal School at least three full quarters in order to obtain a certificate in this way, will find that the work of the summer session is planned to help them prepare for the State Examinations. The examinations are given at the school at the close of the first term of the Summer Quarter, the dates being July 31, August 1 and 2.

1. Professional Reading Course Certificates.—No examinations will be given anywhere this year on the subjects of the First and Second Years of the Professional Reading Course, as it is proposed to abolish the course. Examinations will, however, be given on the Third Year of this course, and those who have already started work on it, here or elsewhere, may take classes in preparation for these examinations.

2. First, Second and Third Grade Certificates.—Examinations for these certificates will be given as usual. Persons not holding certificates may secure them by passing satisfactorily the State Examinations given here at the close of the first summer term in July. Teachers holding Provisional Certificates may complete the requirements for full certificates, and those holding lower grade certificates may advance to higher grades in the same manner. The Board of Examiners prepared a topical outline on all subjects required for these certificates, the same to be used as a basis for the examinations; and this outline will be covered completely in the work of the summer term at this school. As thorough instruction is given here in all the subjects required for these certificates, applicants may secure excellent preparation by attendance and faithful work. The success of those who prepared here for examinations last summer, as shown by the reports received from the State
Examiners, demonstrates the value of six weeks’ preparation under the direction of skilled instructors. As the number of instructors will be larger this year, the classes will be smaller, which gives an additional advantage.

Students preparing for the examinations for one of these certificates may register for any of the following classes, the list being given to help those who are unfamiliar with our system of grouping classes by departments to determine which classes will give the work they desire for a particular subject. Students will not be limited to these classes but may take any classes offered in the summer school, if they so desire, and are prepared to do the work.

<table>
<thead>
<tr>
<th>Subject of Examination</th>
<th>CLASSES RECOMMENDED FOR THE</th>
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<tbody>
<tr>
<td></td>
<td>3rd Grade Certificate</td>
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<tr>
<td>Spelling</td>
<td>English 101</td>
</tr>
<tr>
<td>Reading</td>
<td>Educ. 154 (a)</td>
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<tr>
<td>Arithmetic</td>
<td>Math. 111 (a)</td>
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<tr>
<td>Grammar</td>
<td>English 111 (a)</td>
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<tr>
<td>Geography</td>
<td>Geog. 111 (a)</td>
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<tr>
<td>U. S. History</td>
<td>Hist. 114 (a)</td>
</tr>
<tr>
<td>Va. History</td>
<td>Hist. 111 (a)</td>
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<tr>
<td>Civil Government</td>
<td>Hist. 111 (a)</td>
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<tr>
<td>Physiology</td>
<td>Nat. Sc. 141 (a)</td>
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<tr>
<td>Drawing</td>
<td>Edu. 143 (a)</td>
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<tr>
<td>Theory and Practice</td>
<td>Edu. 143 (a)</td>
</tr>
<tr>
<td>Algebra</td>
<td>M. Ar. 134 (a) or (b)</td>
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<tr>
<td>Physical Geography</td>
<td>Geog. 131</td>
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<tr>
<td>Agriculture</td>
<td>Rural Arts 141</td>
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<tr>
<td>English History</td>
<td>Hist. 133 (a) or (b)</td>
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</table>

Students are advised to select from the above lists the subjects on which they feel that they are most deficient, or on which they must pass examinations in order to get the certificates for which they are to apply. Nearly all of the above classes are divided into sections, all sections of a class doing the same work. The sections designated in the above table should be chosen where no conflict in time is caused, but if a section conflicts with another class any other section of the class may be taken. By referring to the Schedule of Classes in the back of the Bulletin the section that will fit into a particular program may be determined. The Committee on Registration will be glad to assist students in deciding which classes or sections to take.

3. Provisional Certificates.—Teachers who attend the summer school and take a part of the whole examination
The Open-Air Theatre

Outdoor Exercises
A Part of the Gymnasium

A Corner of the Temporary Library
and make the required grades on one-half the subjects—
85 per cent. on each of seven subjects for First Grade, and
75 per cent. on each of six subjects for Second Grade—will
be given Provisional Certificates good for one year, not
renewable.

Attention is called to a regulation of the Board of Edu-
cation which provides that a Provisional Certificate must
include the subjects of Arithmetic and Grammar, and no cer-
tificate will be issued unless a passing mark is made on
these two subjects. This regulation applies to all exami-
nations held in the state, whether at summer normal schools
or elsewhere. At this summer school there will be at least
four sections of classes in Arithmetic and the same in
Grammar, so that everyone who attends here is assured of
being able to register in a class in each of these subjects,
and the classes being smaller than at most summer schools,
on account of the number of sections, unusually thorough
work can be done.

SPECIAL CERTIFICATES

In the certification of teachers of the special industrial
subjects—Manual Arts (Drawing and Manual Training),
Household Arts (Sewing, Cooking, etc.), Rural Arts (Na-
ture Study, School Gardening and Elementary Agriculture),
and of Physical Education, in which no State examinations
are given, due credit will be given for the work completed
at this school in the summer session. Excellent facilities
are provided here for this special work. Attention may be
called to the fact that, after next January 1, an industrial
subject will be required for all First Grade Certificates.

ATTENDANCE CERTIFICATES

To every student who attends a summer normal school
for at least twenty days the State Department of Public
Instruction issues an Attendance Certificate. This is used
as evidence in applying for extensions of certificates,
division of examinations, etc. Those who desire these
certificates should apply at the office for them before the
close of the term.

EXTENSION OF CERTIFICATES

(a) All First Grade Certificates issued by Division
Superintendents, except those which have been extended
on account of work done on the Professional Course, have
expired, but they may be exchanged for new First Grade Certificates, issued by the State Board of Education, provided the holders pass the examinations on the three added subjects for a new First Grade Certificate, which are: Elementary Algebra through quadratics, either English History or General History, and either Physical Geography or Elementary Agriculture. Work in all of these subjects may be done in this summer school.

(b) Second Grade Certificates issued by the Board of Examiners will be renewed upon the recommendation of the Division Superintendent, if the holder completes satisfactorily the course in School Management, using Bagley’s “Classroom Management,” or Colgrove’s “The Teacher and the School” (course Education 143) and the course in Physiology and Hygiene, using Ritchie’s “Primer of Sanitation” and Allen’s “Civics and Health” (course Natural Science 141).

(c) Those who begin work on the Professional Elementary Certificate will have their certificates extended while they are taking this course, as stated above.

(d) It may be said with confidence that attendance at a summer school will always be credited by the State Board of Education in estimating the satisfactory evidence required for the renewal of any certificate.

DIVISION OF EXAMINATIONS

(a) Teachers who expect to attend the summer school may take part of the spring examinations and the remainder at the close of the first term of the summer session in July.

(b) Teachers who attend a summer school this year may take the examinations in April next year and have their grades combined with those they made this year for a full certificate, but only two examinations may be combined. Attention is called to the fact that our summer school will continue for a second term during August, and this will give considerable additional preparation for the examinations next spring, as well as valuable material for teaching the coming term.

(c) If teachers who have held certificates (other than Emergency) do not take the spring examinations, but attend the summer school, and pass on at least one-half the subjects at the examinations in July, they will be given provisional certificates, good for one year, of such grade as the averages may warrant. Examinations may then be
completed the following year, when a full certificate of the proper grade will be awarded, bearing the same date as the provisional certificate. (See "Provisional Certificates" above.)

(d) When the course is divided only two examinations can be combined, and one of these must be taken after regular attendance at a summer school.

(e) Those teachers who take the spring examinations and fail will not be permitted to take the summer examinations unless they in the meantime attend a summer school.

CREDIT AT THIS SCHOOL

All students in attendance during the summer terms who take the class examinations and make a grade of 75 per cent. on combined class-work and examination, will be given credit on our permanent records, and will be sent a Special Summer Session Certificate, showing the courses that have been satisfactorily completed during the term and the mark obtained on each course. In this way, if at any future time a student decides to return here and do further work toward one of the regular certificates or diplomas of this school, she may have full advantage of all work previously completed. Attention is called to the fact that all of the work required here for a certificate may be done in the Summer Quarter, or in any combination of quarters, as explained in the Annual Catalog. The advantage of this is apparent, as in this way a teacher may continue her work as a teacher and at the same time work here for a certificate or diploma, which will be of great value to her in her future career. Either term of the Summer Quarter will count as one-half of a quarter, both terms counting as one full quarter.

Attention is called to the large number of courses offered in the summer session, in the different departments of the Normal School, for which credit will be given toward any of the diplomas or certificates of the school on the same basis as during the regular session. Any course numbered above 120 will be credited in this manner.
EXPENSES OF STUDENTS

A comparison of the expenses with those of other schools will show that a student may attend here at less cost than elsewhere. The cost of a six-weeks summer term at this school is not as much as the cost of a four-weeks summer term at some other points, and it is little more than the cost of four weeks even at those summer schools where the lowest rates are charged. This should be taken into consideration with the unusually large and well-qualified faculty, and the equipment, which is well adapted to normal work.

In comparing expenses it should also be noted that: (1) one tuition fee admits to all courses; and (2) the rate for board covers laundry as well as meals and lodging, and the rooms are completely furnished, including all bed-clothing and towels.

FEES

No registration fee is charged.

In the Summer Quarter all students will be required to pay a single tuition fee of $3.00, whether they are in attendance one term or both terms of the quarter, and regardless of the number of courses taken, or the subjects chosen. This is the lowest tuition fee that can be charged by any summer normal in the State, by direction of the Department of Public Instruction.

Owing to the great advantage which schools giving six weeks of instruction have over those giving only four weeks instruction, it was decided that students taking the course for the Professional Elementary Certificate shall pay an additional fee of $3.00, thus making their total charge for tuition $6.00 instead of the $3.00 charged all others.

All tuition fees must be paid at the time of registration. Positively no exception will be made as to this charge.

Small laboratory fees are charged in certain courses in Household and Manual Arts, as indicated in connection with the courses in the following pages. For other courses there are no such charges.
No reduction of a tuition or laboratory fee will be allowed for late entrance or for withdrawal before the end of the term, no matter how brief the attendance.

TEXT-BOOKS

The books used are, for the most part, those used in public schools of the State. The required text-books are named in connection with the courses on the following pages. They may be brought from home or may be purchased at the school supply-room, in Science Hall. New books will be sold at publishers' prices, and second-hand books may usually be purchased very reasonably. Most of the text-books may be re-sold to the supply-room at the close of the term, provided they are in good order. Stationery, postage, and other supplies may be purchased at the supply-room. Only cash sales will be made at the supply-room.

In some of the classes the work is largely reference work and the references may be found in the school library. Students will not be asked to purchase any more books than are absolutely necessary in their class-work, and they are advised to bring such text-books as they possess, which may be of value to them as references in the different classes, even though not mentioned under the courses in this announcement.

LIVING ARRANGEMENTS

Excellent boarding accommodations for 148 ladies are provided in the school dormitories. None of the dormitory rooms may be occupied by one student alone, most are for two students, a few accommodate three students. All dormitory rooms are, however, equipped with single beds, one for each occupant. Students desiring to room alone may secure rooms in private homes at rates somewhat higher than those here stated, and may write in regard to this to any of the ladies named on the last page of this catalogue. The dormitories are in charge of a matron of large experience and exceptional ability in her work. Several members of the faculty room in the dormitories. The rooms are comfortably furnished with white enameled iron beds, oak dressers, tables, chairs, rockers, rugs, clothes-closets, all necessary bed-clothing and towels. Each room has at least two windows and two electric lights. The buildings are heated throughout with steam. Numerous
and conveniently located bathrooms are provided, with the most sanitary equipment.

Rooms in the dormitories will be assigned in order of application. No assignment will be made for less than one full term, and the board for the full term of six weeks ($23) must be paid in advance at the beginning of the term. Rooms will be ready for occupancy Tuesday, June 18. Rooms will positively not be held in reserve for students later than 11 P.M., Wednesday, June 19, but if the student for whom a place is reserved is not present at that time the place will be given to another applicant, unless special arrangement has been made with the president beforehand. A dining-room is included in Dormitory No. 1. As the dining-room accommodates a larger number than the bedrooms, students who room in private homes may take their meals at the school.

Gentlemen may secure rooms in private homes, and ladies who do not succeed in securing places in the dormitories will also be assigned to homes in the town. These are of two kinds, namely those furnishing rooms only and those furnishing both rooms and meals.

(1) The school is now renting a number of rooms in private homes in the immediate neighborhood, students rooming in these and taking their meals at the school dining-room, also having the benefit of the school laundry. Students living on this plan pay the full amount of board to the school, the cost being exactly the same as for those rooming in the dormitories.

(2) When students room and also take their meals outside of the dormitories, no payment for board is made to the school, but to the parties with whom the students board. Such students must also make arrangements for their laundry. The school assumes no financial responsibility in such cases, but it does guarantee as satisfactory the homes which it recommends to students. Those who desire this plan may arrange with any of the ladies named on the last page of this catalogue, or such arrangements may be made through the school office.

The cost of board (including laundry) is about the same on either plan.

There are also a number of students rooming at a somewhat greater distance from the school, who have made their own arrangements for rooms, and buy “meal tickets” for the school dining-room.

(22)
Prospective students for either or both of the summer terms are urged to make application for room reservation at once.

COST OF BOARD

Board in the school dormitories (including rooms rented by the school) will be furnished during the Summer Quarter at the following rates. This includes furnished room, food, lights, laundry and service. On account of the arrangement of dates this year, three days are added to the term of former years, hence it is necessary to make a slight increase in the term rate for board.

FIRST TERM

From Supper, June 18, to Dinner, July 31, inclusive $23.00
Rate by the Week $4.50
Rate by the Day $1.00

SECOND TERM

From Supper, July 30, to Dinner, September 2, inclusive $18.00
Rate by the Week $4.50
Rate by the Day $1.00

The special term rate is for those who pay in advance, in full, at time of registration. No others will be allowed this reduced rate. All who pay for less than the full term will be charged the weekly rate, and if for less than a week the daily rate. If anyone who pays in advance for the full term finds it necessary to leave before the term is out, a rebate will be issued for the difference (if any) calculated at the weekly or daily rate, as the case may be.

Board may be obtained in private homes in the town at about the same rates.

Students who remain at the school for the State Examinations will be charged $1.75 for the three extra days.

For the benefit of those who attend as day students and live some distance from the school, and who find it inconvenient to bring lunch with them, meal tickets are sold at $4.00 each and are good for twenty-one meals, at any time.

REDUCED RAILWAY RATES

The railways of Virginia, almost without exception, sell special round-trip tickets, at greatly reduced prices, to Harrisonburg, on account of the summer normal school.
The dates of sale will be June 17, 18, 19, tickets to be used from starting-point on day of sale. Students starting from a point not on one of the large railway lines of the State, and finding that they cannot purchase reduced-rate tickets from their starting-point through to Harrisonburg, should buy tickets to the nearest junction-point on one of the large lines, and get round-trip tickets at the latter point to Harrisonburg. Students expecting to remain for the Second Term, or coming only for the Second Term, or coming after June 19, should ask the railway ticket agent for "Summer Excursion" tickets. Harrisonburg being in the list of "summer resorts" of Virginia, is one of the points to which these special round-trip tickets are sold. They are usually on sale from June 1 to October 31. Information may be obtained from the nearest railway agent, in most cases, and if this cannot be done write to the president of the school. Other dates may be added later.

**SUMMARY OF EXPENSES**

The entire necessary expenses are as follows:

**First Term (June 19—July 30):**

- Tuition (for one or both terms) ........................................... $3.00
- Board (including furnished room, towels, bedding, lights, food, service and laundry) ........................................... $23.00

  Total for Six-Weeks Term ........................................... $26.00

**Second Term (July 31—August 31):**

- Board (as above) for Five-Weeks Term ......................... $18.00
  If in attendance during First Term no further tuition fee will be charged, if not, add $3.00.

Students taking the Professional Elementary Certificate Courses must add $3.00 to the above amount for extra tuition; and students remaining for the State Examinations must add $1.75 for extra board.
ADMISSION AND REGISTRATION

No examination is required for admission, but students must satisfy the instructors that they are sufficiently prepared to enter the courses they select. Certificates of work done elsewhere and credits obtained on the state examinations will assist materially in registration.

The Registration Day for the first term will be Wednesday, June 19; and for the second term, Tuesday, July 30. The registration rooms will also be open on the evening of June 18. All students should register on these days if possible. *Full credit* for six weeks of work can not be allowed to students registering *after the first three days of a term.* To avoid delay in getting located, in registering, etc., it will be well for students to arrive on the day preceding the opening of the term. An attendance certificate will, however, be given for as much as twenty days attendance. Students preparing to take the State Examinations may enter at any time during the term, but they are *strongly advised* to come at the beginning.

**ORDER OF REGISTRATION**

1. All students, regardless of previous attendance, will fill out a small *Enrolment Card.* If not in attendance at this school at any previous time, the student will also fill out a *Registration Blank.*

2. Taking Card and Blank, the student consults a member of the faculty Committee on Registration, who will help in filling out a *Program Card.* The committee will keep all Registration Blanks and also a copy of each Program Card. The student retains one Program Card and the Enrolment Card, and takes them to the Cashier’s office.

3. Pay Tuition Fee and Laboratory Fees (if taking laboratory courses) to the Cashier. Also pay Board to the Cashier at this time, if a boarding student desiring the reduced rate. Leave the Enrolment Card with the Cashier. Keep the Program Card for reference and to show to instructors when requested. Also secure and retain receipts for all money paid to the Cashier.

Students are cautioned against registering for too much work. This is frequently a serious mistake in summer normal schools. By order of the State Board of Education
an applicant for a state certificate may not take more than six class-periods of work per day during the summer school. Students who desire credit toward the diplomas of this State Normal School will be limited to five class-periods per day.

**TIME AND PLACE OF CLASSES AND EXAMINATIONS**

Classes will meet according to the following schedules, beginning at 8:00 A. M., Thursday, June 20. It is, therefore, very important that all the details of registration be arranged on the preceding day. No time will be lost in registering, and all students are expected and urgently requested to attend classes, with the required text-books and with note-books, or tablets, for working problems and taking notes the first day of the meeting.

All classes meet daily except Saturday in the First Term, and daily including Saturday in the Second Term. In order to allow for registration day, all classes will meet according to schedule on Saturday, June 22. If July 4 is desired as a holiday by a majority of the students, classes will meet on Saturday, July 6, instead.

The State Examinations will be held at the close of the First Term, July 31, August 1 and 2. Those who desire to obtain First, Second or Third Grade Certificates are advised to remain at the school for the State Examinations, as those who take these examinations at summer schools are informed of the results sooner than others. Students taking the Professional Elementary Certificate Courses and those working for credit only at this school are not required to take State Examinations and will complete their work on July 30.

The length of class periods is fifty minutes. The time given in the schedule is the time that classes begin, and all students should be in their seats at that time. The title of the course indicates the department and the number of the course in that department, as described in the following pages. The numbers in parentheses immediately following the titles of the courses indicate the rooms in which the classes meet.

Students will register according to the printed schedule, choosing classes which do not conflict, as no change in the time of meeting of classes can be promised for the First Term, although small classes may perhaps be changed to suit applicants.
COURSES OFFERED IN THE FIRST TERM
JUNE 19 TO JULY 30

I. EDUCATION

141. SCHOOL HYGIENE.—Professors Heatwole and Edmondson.

This course will deal with the fundamental principles of school sanitation and hygiene and their practical application in the work of the class-room; the planning of school buildings; light, heat and ventilation; the improvement of school grounds; sanitary equipment; programs, recesses, etc.; physical defects in children and their treatment. Text-Book: Burrage and Bailey's *School Sanitation and Decoration*. (Two sections of this class will be formed.)

143. SCHOOL MANAGEMENT.—Professor Edmondson.

This course will deal with everyday practical problems that arise in everyday school-rooms of whatever grade. Rural school problems will be given special attention. This course will cover the requirements of the State Examinations in "Theory and Practice." Text-Books: Bagley's *Classroom Management* and Colgrove's *The Teacher and the School*. (Three sections of this class will be formed.)

145. TEACHING HOW TO STUDY.—Professor Heatwole.

In this course consideration will be given to the nature, importance and methods of study, in order to lead students to improve their own habits of study and to give them help in teaching children to form correct habits of study. The matter of study assignments will receive attention. Text-Book: McMurry's *How to Study and Teaching How to Study*.


Students will observe the teaching of the different branches in the primary or grammar grades, according to the certificate for which they are applying. After observation, reports and discussions will serve to bring out the fundamental educational principles involved and to give permanent value to the work. (Three observation classes will be conducted each day.)

153. EDUCATIONAL PSYCHOLOGY.—Professor Heatwole.

The purpose of this course is to make a study of the elements of psychology in order to give an understanding of what mental processes are, and how the mind is developed; and to apply principles of psychology to the teaching process. Unessential portions will be omitted and only those topics which will be of practical value to the teacher will receive attention. Text-Books: Betts's *The Mind and Its Education*; James's *Talks to Teachers on Psychology*. 

(27)
154. **Primary Methods—Reading.**—Misses Shoninger, Lemon and Chisman.

This course will consider methods of teaching reading in the lower grades, including phonics, spelling, etc. The place and importance of reading in the course of study will be shown, as well as its relation to the other subjects in the primary curriculum. Text-Book: Arnold's *How to Teach It*; and Briggs and Coffman's *Reading in Public Schools*. (Three sections of this class will be formed.)

155. **Primary Methods—Arithmetic.**—Misses Chisman and Kelly.

This course will consider methods of teaching number in the lower grades, sense training, counting and the fundamental processes of arithmetic, together with a study of its relation to the other primary branches and its place in the school program. (Two sections of this class will be formed.)

156. **Primary Methods—Language.**—Miss Chisman.

This course will consider methods of teaching language study in the lower grades, and will include also story-telling and the sources and uses of juvenile literature. The relation of language work to the other branches of the course will be pointed out. Text-Books: Chubb's *The Teaching of English (Elementary Section)* and Bryant's *How to Tell Stories to Children*. (Two sections of this class will be formed.)

161. **History of Education.**—Professor Heatwole.

The work of this course will include the systematic study of the course of educational theory and practice from the earliest times. The most important topics in Greek and Roman education will be considered, and some attention will be paid to education during the Middle Ages. Text-Book: Monroe's *Brief Course in the History of Education*.

165. **Child Psychology.**—Miss Shoninger.

The purpose of this course is to give the student a better knowledge of the child's nature, so that she may be better able to interpret his actions and make use of his instincts and interests at the proper time. Special attention will be given to the processes of learning and of habit forming, and the practical application of the principles learned to the work of the teacher in the school-room. Text-Book: Kirkpatrick's *Fundamentals of Child Study*.

ENGLISH LANGUAGE AND LITERATURE

101. **Spelling.**—Professors Johnston and Wine.

This class will meet twice a week (Tuesday and Thursday) during assembly period. All who desire to do so may remain after chapel exercises on these mornings for the spelling drill, it not being necessary to register for this work. Spelling-matches will be held in the evening, usually on Friday. Text-Book: Sheppe's *Word Studies, Advanced*.

111. **Elementary English Grammar.**—Professor Wine.

This elementary course in English grammar will seek to give the student subject-matter for teaching purposes and in preparation for the examinations for certificates. It will include a thorough drill in principles. Text-Book: Hyde's *Two Book Course in English*. (Three sections of this class will be formed.)
131. Grammar and Composition.—Professor Johnston.

This course will make a study of grammar and rhetoric, with a view to giving the student additional subject-matter for teaching purposes and for her own improvement. It will include the reading of a number of classics and the discussion of them in class, together with written work based on these and others read outside of class. Text-Books: Buehler's Modern English Grammar, Book II, Huntington's Elementary English Composition and Masterpieces of British Literature.

148. Language Study Methods.—Professor Johnston.

This course will consider the teaching of reading, spelling, language, grammar, writing and composition in the elementary school. Its object is to give students who are preparing to teach in elementary schools some additional drill in the subject matter of the elementary curriculum, and the essentials of method in the teaching of the English branches. The course will pre-suppose a good knowledge of these branches and the ability to use it. Text-Book: Chubb's The Teaching of English. (Two sections of this class will be formed.)

152. English Literature.—Professor Johnston.

It will be the aim of this course to acquaint the student with the best literary creations, with those men and women who have contributed largely to the growth of literature, and with the conditions under which literature has been created in the different ages. Text-Books: Halleck's History of English Literature and Selected Classics.

IV. Foreign Languages

111. Beginners' Latin.—Professor Wine.

This course is intended for teachers in high schools, for students preparing for college or normal school entrance, and others interested. It will include a drill in the fundamentals of Latin grammar, which will be illustrated in systematic exercise in translating easy sentences. As much reading will be done as the time will allow. The aim will be to give a thorough course in First Year Latin, and the work will be adapted as far as possible to the needs of those taking the class. Text-Book: Collar and Daniell's First Year Latin.

V. Geography

111. General Geography.—Professor Bennett.

This course will give a survey of common and political geography. The elements of mathematical and physical geography are included. The main object of the course is to give the student a good foundation of subject-matter by supplementing and fixing more definitely what she has already studied. Text-Books: Frye's Elementary and Advanced Geographies. (Two sections of this class will be formed.)

131. Physical Geography.—Professor Bennett.

In this course a review will be made of mathematical geography and elementary meteorology, after which the study of land forms, their origin, and the agents at work upon the land producing them, will be pursued in a detailed way. Topographic maps will be studied carefully, and their use in the school and the method of reproducing explained. Text-Book: Davis's Elementary Physical Geography.
147.—**Geography and Methods.—Professor Bennett.**

This course will pay special attention to “home geography.” It will deal with methods of teaching geography in the different grades. Simple apparatus will be planned and made by the students, field lessons will be arranged, and courses mapped out for the different grades of the elementary school. Pedagogical literature on the subject will be studied, and a sound foundation for teaching the subject will be sought. Text-Books: Redway’s *The New Basis of Geography*; Dodge’s *Elementary and Advanced Geographies.*

**VI. HISTORY AND SOCIAL SCIENCES**

110. **Civics.—Professor Cool.**

This course will give special attention to State government, with Virginia as the type. City, town, and county government will be included. The relation of the State to the Federal government will be discussed. Text-Book: McBain’s *How We are Governed.* (Two sections of this class will be formed.)

111. **Virginia History and Civics.—Dr. Wayland.**

This course will give a brief review of colonial history and the history of the State, with a view to extending the knowledge of the students and fixing in their minds the essential facts. Some attention will be given to the civil government of Virginia. Text-Books: Magill’s *History of Virginia* and McBain’s *How We are Governed.* (Two sections of this class will be formed.)

114. **United States History.—Dr. Flory.**

This course will review the history teaching of the lower schools and extend the same, endeavoring to furnish the student with the essentials of the subject and directing as to the collection and grouping of material for use in teaching. Text-Books: Waddy Thompson’s *History of the United States* and Lee’s *Histories.* (Three sections of this class will be formed.)

133. **English History.—Dr. Wayland and Dr. Flory.**

This will be a general course in English history from the earliest times to the present, but special emphasis will be placed on those portions which refer to constitutional development and those portions which have the most direct bearing on American history and institutions. Text-Books: Cheyney’s *A Short History of England* and Readings in *English History.* (Two sections of this class will be formed.)

148. **History Methods.—Dr. Wayland.**

This course will consider methods of teaching American History and Civics in the public schools. Sources of material and references to the best literature on the pedagogy of history will be given, and the preparation of lesson plans will be studied. The work will be made practical throughout, and will be illustrated by lessons. Text-Books: Hart’s *Essentials of American History,* MacDonald’s *Documentary Source Book of American History,* McMurry’s *Special Method in History.*

**VII. HOUSEHOLD ARTS**

131. **Elementary Sewing.—Miss Lyle.**

This is an elementary course planned for beginners, and will include needle work, simple machine-sewing, simple pattern-drafting and gar-
ment-making. The fundamental principles of sewing will be taught and each problem will be considered with reference to its use in public school work. Fee for materials, 50 cents.

137. COOKING.—(Double period.)—Miss Lyle.

This will be an elementary course in cooking, including the study of foods as to their general composition and nutritive value, the effect of heat upon foods and their preparation, cooking processes, food preservation, the management of utensils and stoves, and the planning, preparation and serving of meals. Fee for materials, 50 cents. Text-Book: Williams and Fisher's *Theory and Practice of Cookery*.

**VIII. MANUAL ARTS**

131. HANDWORK FOR PRIMARY GRADES.—Miss Shepperson.

The work of this course will include handwork suitable for the first four years of the elementary school, such as basketry and raffia work, paper and card board work, weaving and simple wood work. Fee for materials, 50 cents. (Two sections of this class will be formed.)

134. DRAWING FOR PRIMARY GRADES.—Misses Speck and Sharp.

The work of this course will include elementary drawing in pencil, charcoal, colored crayons, etc., suitable for use in the first four grades of public schools. No previous training in drawing is required for admission to this course. (Six sections of this class will be formed.)

137. WOODWORKING.—(Double Period.)—Miss Speck.

This will be an elementary course in benchwork in wood. A comprehensive set of tools and various woods will be used. The articles made will each be complete in itself and useful. Fee for materials, 50 cents.

141. HANDWORK FOR GRAMMAR GRADES.—(Double Period.)—Miss Speck.

This course will include instruction in certain forms of handwork suitable for the last four grades of the elementary school, such as basketry, weaving, and work in wood, Venetian iron, leather, etc. Fee for materials, 50 cents.

144. DRAWING FOR GRAMMAR GRADES.—Miss Sharp.

In this course the students will continue still-life drawing and the study of the principles of perspective. The work will be suitable for use in the last four grades of the elementary school.

**IX. MATHEMATICS**

111. ARITHMETIC.—Professors Cool and Dingledine.

This course will be a thorough review of the arithmetic of the elementary schools, emphasis being placed on the more important and more difficult topics. Text-Book: Colaw, Powers and Duke's *Practical Arithmetic* and Colaw and Ellwood's *Advanced Arithmetic*. (Four sections of this class will be formed.)

121. ELEMENTARY ALGEBRA.—Professor Dingledine.

This course will include the fundamental operations in algebra, the use of symbols, factoring, combining and simplifying of simple equations.
tions of one or more unknown quantities, etc. The study will extend as far as the time will allow, but thoroughness in fundamentals is considered more important than extent. The course is intended for beginners. Text-Book: Wells's Essentials of Algebra.

131. ALGEBRA.—Professor Cool.

This course will be a general course in the field of high school Algebra. The fundamental operations will be thoroughly taught, after which the class will be advanced as rapidly as is consistent with good work. The work will be somewhat more advanced than course 21, and should be taken by those who have some knowledge of the subject. Text-Book: Wells's Essentials of Algebra.

147. ADVANCED ARITHMETIC.—Dr. Converse.

This course is intended for those who have a fairly good knowledge of Arithmetic, and will deal with the more advanced sections of the subject. A very rapid review will be made of the elementary sections, and most of the time put upon the more difficult parts. Text-Book: Colaw and Ellwood's Advanced Arithmetic. (Two sections of this class will be formed.)

148. ARITHMETIC METHODS.—Dr. Converse.

This course seeks to give the teacher the essentials of method in the presentation of number work in the different grades. A good foundation in subject-matter, such as course 147, will be required for admission. A knowledge of elementary algebra is also very desirable. Text-Book: Smith's The Teaching of Arithmetic, with references to various text-books used in the schools.

161. PLANE GEOMETRY.—Dr. Converse.

This course will cover as much as possible of the work as usually given in high-school and elementary college text-books. Text-Book: Wentworth's Plane and Solid Geometry (revised).

X. MUSIC

137. SIGHT SINGING.—Miss Preston.

This course aims to be as practical as possible, and to give to the average student that specific knowledge that will enable her to teach music in the graded and rural schools. It is a study of the necessary fundamentals with a practical application to the music needs in the State. Above all it is an effort to awaken the musical enthusiasm of each teacher and to show the need and advantage of music in all schools. The pupil will gain an ability to read correctly, a knowledge of the problems of rhythm, a large acquaintance with very many beautiful songs, the interpretation of these songs, some method of how to teach music in the grades, and a large collection of materials for teaching. Familiarity with a large number of useful rote-songs will be an important aim of the work, thus giving material which can be put into every day use.

157. METHODS IN SCHOOL MUSIC.—Miss Preston.

This course makes a careful study of the methods of teaching music in the graded and rural schools. Various courses of study are examined, selecting the best methods from each. The child's singing and speaking voice is studied especially, ways are considered for making school singing universal and enthusiastic, and for raising the musical standard in the community. A large part of the time is given to the selection of material, especially the primary song and its interpretation.
Tennis and Basketball Courts
XI. NATURAL SCIENCE

141. PHYSIOLOGY AND HYGIENE.—Professor Smith.

The aim of this course will be to give a brief but comprehensive survey of the subject to make the student familiar with the essential facts. Text-Books: Ritchie's Primer of Sanitation and Allen's Civics and Health. (Two sections of this class will be formed.)

XII. PHYSICAL EDUCATION

131. GENERAL COURSE.—Miss Brooke.

The work includes: outdoor exercises of various kinds, such as basket-ball, lawn-tennis, etc.; plain and fancy marching, class evolutions and floor formations; instruction in the use of simple pieces of apparatus, as dumb-bells, wands, Indian clubs, etc.; selected exercises suitable for pupils of the various grades of the elementary and high schools. The selection of work will depend upon the wishes of the students.

161. GAMES.—Miss Brooke.

This class will study in a practical way various indoor and outdoor games suitable for children of different ages. The subject of directed play, school-playgrounds, etc., will be considered in such a way that the teacher may gain many valuable ideas for use in her work. (Two sections of this class will be formed.)

XIII. RURAL ARTS

131. NATURE STUDY AND SCHOOL GARDENING.—Professor Smith.

The immediate aims of the work will be to learn how plants grow, how to help them grow, how animals, birds, insects and worms help or hinder them in growing, and the value and uses of plants. Field trips for observation and collection of specimens will be made from time to time. A large part of the time will be given to actual work in school gardening; in which such topics as laying off a garden, how it should be dug, cultivated and fertilized, what vegetables and what flowers may be raised to mature during the school session, the effect of certain insects for good or for bad, and other interesting topics arising during the process of cultivation, will be treated. Text-Book: Parsons's Children's Gardens for Health, Pleasure and Education.

141. ELEMENTARY AGRICULTURE.—Professor Smith.

The purpose of this course is to acquaint the student with the general field of elementary agriculture. It will combine the descriptive and the experimental. It will include a consideration of the working and fertilizing of the soil; the planting of seeds; the cultivation of crops, etc. Special attention will be given to the needs of teachers. Making collections for school use, outlining courses, conducting practical work, and other subjects connected with the teaching of agriculture under ordinary school conditions, will receive careful consideration. Text-Book: Warren's Elements of Agriculture.
## SCHEDULE OF CLASSES

### FIRST TERM—JUNE 19 TO JULY 30

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<tr>
<th>Period</th>
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<tbody>
<tr>
<td>I</td>
<td>8:00</td>
<td>Education 145, How to Study, Prof. Heatwole</td>
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<td>Education 165, Child Psychology, Miss Shoninger</td>
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<td>English 111 (a), Grammar, Prof. Wine</td>
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<td>Household Arts 131, Sewing, Miss Lyle</td>
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<td>Manual Arts 134 (c), Primary Drawing, Miss Sharp</td>
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<td>Mathematics 111 (b), Arithmetic, Prof. Dingledine</td>
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<td>Physical Education 161 (b), Games, Miss Brooke</td>
<td>Gym</td>
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<td>Rural Arts 141, Agriculture, Prof. Smith</td>
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<td>II</td>
<td>8:50</td>
<td>Education 141 (b), School Hygiene, Prof. Edmondson</td>
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<td>Education 150, Observation, Misses Lemon, Kelly and Hyde</td>
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<td>Education 154 (b), Primary Methods, Reading, Miss Shoninger</td>
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<td>English 111 (b), Grammar, Prof. Wine</td>
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<td>Manual Arts 131 (a), Primary Handwork, Miss Shepperson</td>
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<td>Mathematics 111 (a), Arithmetic, Prof. Cool</td>
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<td>Mathematics 121, Elementary Algebra, Prof. Dingledine</td>
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<td>Mathematics 161, Plane Geometry, Dr. Converse</td>
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<td>Music 137, Sight Singing, Miss Preston</td>
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<td>9:40</td>
<td>General Assembly</td>
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<td>English 101, Spelling (Tuesday and Thursday)</td>
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<td>Profs. Johnston and Wine</td>
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<td>III</td>
<td>10:25</td>
<td>Education 143 (b), School Management, Prof. Edmondson</td>
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<td>Education 150, Observation, as above</td>
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<td>Education 153, Educational Psychology, Prof. Heatwole</td>
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<td>Education 154 (a), Primary Methods, Reading, Miss Chisman</td>
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<td>Foreign Languages 111, First Year Latin, Prof. Wine</td>
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<td>Geography 131, Physical Geography, Prof. Bennett</td>
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<td>Manual Arts 134 (e), Primary Drawing, Miss Speck</td>
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<td>IV</td>
<td>11:15</td>
<td>Education 143 (a), School Management, Prof. Edmondson</td>
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<td>Education 150, Observation as above</td>
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<td>Education 156 (a), Primary Methods, Language, Miss Chisman</td>
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<td>Education 161, History of Education, Prof. Heatwole</td>
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<td>English 111 (c), Grammar, Prof. Wine</td>
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<td>English 148 (a), Language Methods, Prof. Johnston</td>
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<td>History 114 (a), United States History, Dr. Flory</td>
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<td>Mathematics 147 (b), Advanced Arithmetic, Dr. Converse</td>
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<td>V</td>
<td>12:05</td>
<td>Education 141 (a), School Hygiene, Prof. Heatwole</td>
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<td>English 148 (b), Language Methods, Prof. Johnston</td>
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<td>History 114 (c), United States History, Dr. Flory</td>
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<td>Manual Arts 131 (b) Primary Handwork, Miss Shepperson</td>
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<td>Manual Arts 134 (f), Primary Drawing, Miss Speck</td>
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<td>Mathematics 111 (d), Arithmetic, Prof. Dingledine</td>
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<td>Mathematics 131, Algebra, Prof. Cool</td>
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<td>Natural Science 141 (a), Physiology, Prof. Smith</td>
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12:55 Dinner Recess.
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<th>Period</th>
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<tr>
<td>VI</td>
<td>1:55</td>
<td>Education 155 (b), Primary Methods, Number, Miss Kelly</td>
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<td>Geography 111 (a), General Geography, Prof. Bennett</td>
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<td>History 133 (a), English History, Dr. Flory</td>
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<td>History 148, History Methods, Dr. Wayland</td>
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<td>Household Arts 137, Cooking, Miss Lyle</td>
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<td>Manual Arts 134 (d), Primary Drawing, Miss Sharp</td>
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<td>Manual Arts 137, Woodworking, Miss Speck</td>
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<td>Mathematics 111 (c), Arithmetic, Prof. Dingedine</td>
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<td>Mathematics 147 (a), Advanced Arithmetic, Dr. Converse</td>
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<td>Music 157 (b), School Music, Miss Preston</td>
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<td>VII</td>
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<td>Education 143 (c), School Management, Prof. Edmonds</td>
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<td>Education 156 (b), Primary Methods, Language, Miss Chisman</td>
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<td>English 152, English Literature, Prof. Johnston</td>
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<td>Geography 111 (b), General Geography, Prof. Bennett</td>
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<td>History 114 (b), United States History, Dr. Flory</td>
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<td>History 133 (b), English History, Dr. Wayland</td>
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<td>Household Arts 137, Cooking, as above.</td>
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<td>Manual Arts 137, Woodworking, as above.</td>
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<td>Manual Arts 144, Grammar Grade Drawing, Miss Sharp</td>
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<td>Music 157 (a), School Music, Miss Preston</td>
<td>Gym</td>
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<td>VIII</td>
<td>3:35</td>
<td>Education 155 (a), Primary Methods, Number, Miss Chisman</td>
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<td>English 131, Grammar and Composition, Prof. Johnston</td>
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<td>History 110 (a), Civics, Prof. Cool</td>
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<td>History 111 (a), Virginia History and Civics, Dr. Wayland</td>
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<td>Manual Arts 134 (a), Primary Drawing, Miss Sharp</td>
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<td>Manual Arts 141, Grammar Grade Handwork, Miss Speck</td>
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<td>Mathematics 148, Arithmetic Methods, Dr. Converse</td>
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<td>Physical Education 131, General Course, Miss Brooke</td>
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<td>Rural Arts 131, Nature Study, Prof. Smith</td>
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<td>IX</td>
<td>4:25</td>
<td>Education 154 (c), Primary Methods, Reading, Miss Lemon</td>
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<td>Geography 147, Geography Methods, Prof. Bennett</td>
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<td>History 110 (b), Civics, Prof. Cool</td>
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<td>History 111 (b), Virginia History and Civics, Dr. Wayland</td>
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<td>Manual Arts 134 (b), Primary Drawing, Miss Sharp</td>
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<td>Natural Science 141 (b), Physiology, Prof. Smith</td>
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<td>Physical Education 161 (a), Games, Miss Brooke</td>
<td>Gym</td>
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**Note:** Changes in the above schedule cannot be promised. Some of the smaller classes may perhaps be changed to accommodate the programs of students.
COURSES OFFERED IN THE SECOND TERM
JULY 31 TO AUGUST 31

The work of this term will be just as thorough as that of the First Term, and in some ways more satisfactory. The classes will be smaller, giving the opportunity for individual attention. Last summer the Second Term was very successful, the students were deeply in earnest and accomplished more than can usually be accomplished in the same time. The work of the several departments will be adapted to the needs of those in attendance as far as practicable. Attention is called to the opportunity afforded for instruction in Primary Methods and in the Household and Manual Arts during this term. Selection of classes to be formed will be based on the number applying. In some cases it may be possible to form other classes than those listed below, if the number applying justifies the change.

CREDIT FOR WORK

(1) During the Second Term the first year of the course for the Professional Elementary Certificate, either Primary or Grammar Grades, may be taken, all of the required subjects being offered during the Second Term as well as in the First Term. The same regulations will apply; as stated on pages 10-12. The following courses will be credited for this Certificate.

Professional Elementary Certificate—Primary Grades
Education 141, 154, 155 and 156; Manual Arts 131 and 134. Any five classes may be taken.

Professional Elementary Certificate—Grammar Grades
Education 141 and 153; English 132, 151, 153 and 161; History 148; Mathematics 147 and 148; Household Arts 131, 132, 137 and 138; Manual Arts 138, 141 and 144. One class in either Household or Manual Arts and any four of the other classes should be taken.

(2) No State Examination will be given at the close of the Second Term, but all other statements on pages 15–17 apply also to the Second Term.

(3) Full credit is allowed toward the school certificates and diplomas for work during the Second Term.
I. EDUCATION

Three of the following courses will be given:

141. SCHOOL HYGIENE.—Professor Heatwole.

This course will deal with the fundamental principles of school sanitation and hygiene and their practical application in the work of the class-room; the planning of school buildings; light, heat and ventilation; the improvement of school grounds; sanitary equipment; programs, recesses, etc.; physical defects in children and their treatment, etc. Text-Book: Burrage and Bailey's School Sanitation and Decoration.

153. EDUCATIONAL PSYCHOLOGY.—Professor Heatwole.

The purpose of this course is to make a study of the elements of psychology in order to give an understanding of what mental processes are, and how the mind is developed; and to apply principles of psychology to the teaching process. Unessential portions will be omitted and only those topics which will be of practical value to the teacher will receive attention. Text-Books: Betts's The Mind and Its Education; James's Talks to Teachers on Psychology.

161. HISTORY OF EDUCATION.—Professor Heatwole.

The work of this course will include the systematic study of the course of educational theory and practice from the earliest times. The most important topics in Greek and Roman education will be considered, and some attention will be paid to education during the Middle Ages. Text-Book: Monroe's Brief Course in the History of Education.

162. HISTORY OF EDUCATION.—Professor Heatwole.

The work of this course will include the systematic study of educational theory and practice in modern education as exemplified in America, England, France and Germany. The greatest portion of the time will be given to the great educational reformers and the historical development of the education of our own times. Text-Book: Monroe's Brief Course in the History of Education.

163. PHILOSOPHY OF EDUCATION.—Professor Heatwole.

The purpose of the course will be to give a broader view of education as a whole, and especially to interpret the progress and development of educational thought and practice in the light of the social life of people in different ages, with a view to determining the form of education demanded by our own age. The larger aims of modern education and the duty of the school to society are to be emphasized. Text-Book: Horne's The Philosophy of Education and Horne's Idealism in Education.

All of the following courses will be given:

154. PRIMARY METHODS—READING—Miss Chisman.

This course will consider methods of teaching reading in the lower grades, including phonics, spelling, etc. The place and importance of reading in the course of study will be shown, as well as its relation to the other subjects in the primary curriculum. Text-Book: Arnold's Reading: How to Teach It.

155. PRIMARY METHODS—ARITHMETIC—Miss Chisman.

This course will consider methods of teaching number in the lower
grades, sense training, counting and the fundamental processes of arithmetic, together with a study of its relation to the other primary branches and its place in the school program.

156. PRIMARY METHODS—LANGUAGE—Miss Chisman.

This course will consider methods of teaching language study in the lower grades, and will include also story-telling and the use of juvenile literature. The relation of language work to the other branches of the course will be pointed out. Text-Books: Chubb’s The Teaching of English (Elementary Section) and Bryant’s How to Tell Stories to Children.

II. ENGLISH LANGUAGE AND LITERATURE

Three of the following courses will be given:

112. ENGLISH GRAMMAR.—Miss E. P. Cleveland.

This will be a continuation of the work of course 111 of the First Term. It will cover as much ground as practicable, and will seek to meet the individual needs of those taking it. Its special purpose will be to make up deficiencies in the principles of grammar, and teachers will find it a splendid review and preparation for their work in the class-room.

132. GRAMMAR AND COMPOSITION.—Miss E. P. Cleveland.

This will be a continuation of the work of course 131 of the First Term. It will be somewhat more advanced than course 112, but will have the same general aim in view.

151. RHETORIC AND COMPOSITION.—Miss E. P. Cleveland.

This course will make a study of diction, the forms and properties of style, metre and poetry. Prose composition will be emphasized, and much practice will be given in the writing of paragraphs, outlines, reports, descriptions, stories and original compositions on a variety of subjects. Text-Books: Baldwin’s Writing and Speaking and Wooley’s Handbook of Composition.

153. AMERICAN LITERATURE.—Miss E. P. Cleveland.

This course will study the development of American literature, to acquaint the student with its best productions, their authors and the conditions that have produced them. Text-Books: Halleck’s History of American Literature and Watkins’s Primer of American Literature.

161. LITERARY EPOCHS.—Miss E. P. Cleveland.

This will be an advanced course in literature and theme-writing. The aim will be to make a careful and systematic study of a few of the more important literary periods. A portion of the course will be given to a study of the English drama, and of Shakespeare as the great dramatic artist, a student of the human heart, and a teacher of ethics.

VI. HISTORY AND SOCIAL SCIENCES

Three of the following courses will be given:

131. ECONOMIC HISTORY OF THE UNITED STATES.—Dr. Wayland.

The object of this course is to make a rapid survey of the chief topics in American history which relate to the social, economic and industrial
progress of the country. Text-Book: Bogart's *Economic History of the United States.*

148. AMERICAN HISTORY AND METHODS. —Dr. Wayland.

The purpose of this course will be to review and extend the study of American history; and to study the methods of teaching it in the grades of the elementary school. Additional material will be drawn from general history and English history. References will be given to the best pedagogical literature on the subject. The work will be made practical and will be illustrated by lessons. Text-Books: Hart's *Essentials of American History;* McDonald’s *Documentary Source Book of American History;* McMurry’s *Special Method in History.*

152. MODERN HISTORY. —Dr. Wayland.

Medieval history will receive brief attention as an introduction to the modern period. Special attention will be given to the history of England, France and Germany. Text-Book: Robinson’s *History of Western Europe.*

161. SOCIOLOGY. —Dr. Wayland.

This course will include an analysis of the present social structure and conditions in the United States, of the more important elements in the existing form of industrial organization and the stages through which it has been developed, of the needs of the different classes that have developed in America, and efforts that are being made to better their condition. The work of the course will enable the student to understand more clearly the spirit of the new education, and the reasons for the changes in the school curriculum. Text-Book: Wright’s *Outline of Practical Sociology with Special Reference to American Conditions.*

162. ETHICS. —Dr. Wayland.

This course will make a brief and elementary study of moral principles, the vital moral questions involved in human life and conduct, both as regards the individual himself and society; and an outline and examination of ideals for future guidance in right living will be sought. Practical applications will be made and the work should result in giving the student a better comprehension of her relations to others and how she may teach morals and manners in the school. Text-Books: Bierbower’s *Ethics for Schools;* Dewey’s *Lessons on Morals and Lessons on Manners.*

VII. HOUSEHOLD ARTS

Two of the following courses will be given, one in sewing and one in cooking.

131. ELEMENTARY SEWING. —Miss Lyle.

This is an elementary course planned for beginners, and will include needle-work, simple machine-sewing, simple pattern-drafting and garment-making. The fundamental principles of sewing will be taught and each problem will be considered with reference to its use in public school work. Fee for materials, 50 cents.

132. SEWING. —Miss Lyle.

This course will continue the work of course 131 of the First Term, and will be somewhat more advanced than the latter. The extent of
the work will be governed by the needs of the students, and will be as individual as possible. Full-size garments will be made, the students furnishing their own materials and owning the articles at the end of the term.

137. COOKING.—(Double Period.)—Miss Lyle.

This will be an elementary course in cooking, including the study of foods as to their general composition and nutritive value, the effect of heat upon foods and their preparation, cooking processes, food preservation, the management of utensils and stoves, and the planning, preparation, and serving of meals. Fee for materials, 50 cents. Text-Book: Williams and Fisher's Theory and Practice of Cookery.

138. COOKING.—(Double Period.)—Miss Lyle.

This course will continue the work of course 137 of the First Term, and will be somewhat more advanced than the latter. The extent of the work will be governed by the needs of the students, and will be as individual as possible. Fee for materials, 50.

VIII. MANUAL ARTS

Two of the following courses will be given:

131. HANDWORK FOR PRIMARY GRADES.—Miss Speck.

The work of this course will include handwork suitable for the first four years of the elementary school, such as basketry and raffia work, paper and cardboard work, weaving and simple wood work. Fee for materials, 50 cents.

134. DRAWING FOR PRIMARY GRADES.—Miss Speck.

The work of this course will include elementary drawing in pencil, charcoal, colored crayons, etc., suitable for use in the first four grades of public schools. No previous training in drawing is required for admission to this course.

144. DRAWING FOR GRAMMAR GRADES.—Miss Speck.

In this course the students will continue still-life drawing and the study of the principles of perspective. The work will be suitable for use in the last four grades of the elementary schools.

One of the following courses will be given:

138. WOODWORKING.—(Double Period.)—Miss Speck.

This course will continue the work of course 47 of the First Term, but beginners may enter it. The extent of the work will depend upon the needs of the students, and the instruction will be as individual as possible. Fee for materials, 50 cents.

141. HANDWORK FOR GRAMMAR GRADES.—(Double Period) Miss Speck.

This course will include instruction in certain forms of handwork suitable for the last four grades of the elementary school, such as basketry, weaving, and work in wood, Venetian iron, leather, etc. Fee for materials, 50 cents.
IX. MATHEMATICS

Three of the following courses will be given:

112. ARITHMETIC.—Prof. Smithey.

This course will continue the work of course 111 of the First Term. It will be adapted to the needs of the students and will seek to give individual help in making up deficiencies in preparation.

132. ALGEBRA.—Prof. Smithey.

The work in algebra will be a continuation of course 131 of the First Term, or of course 121, according to the needs of the students. If a sufficient number of students desire it, a beginners' class also may be formed.

147. ADVANCED ARITHMETIC.—Prof. Smithey.

This course is intended for those who have a fairly good knowledge of arithmetic, and will deal with the more advanced sections of the subject. A very rapid review will be made of the elementary sections, and most of the time put upon the more difficult parts. Text-Book: Colaw and Ellwood's Advanced Arithmetic.

148. ARITHMETIC METHODS.—Prof. Smithey.

This course seeks to give the teacher the essentials of method in the presentation of number work in the different grades. A good foundation in subject-matter, such as course 147, will be required for admission. A knowledge of elementary algebra is also very desirable. Text-Books: Smith's The Teaching of Arithmetic, with references to various textbooks used in the schools.

162. PLANE GEOMETRY.—Prof. Smithey.

The aim will be to cover those sections of the subject which the students need, as far as the time will permit, in continuation of the work of course 161 of the First Term.
# SCHEDULE OF CLASSES

## SECOND TERM—JULY 31 TO AUGUST 31

<table>
<thead>
<tr>
<th>Period</th>
<th>Time</th>
<th>Class</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>8:00</td>
<td>Education 141, School Hygiene, Prof. Heatwole</td>
<td>(15)</td>
</tr>
<tr>
<td>II</td>
<td>8:50</td>
<td>Education 155, Primary Methods, Arithmetic, Miss Chisman</td>
<td>(22)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Education 163, Philosophy of Education, (or 162, History of Education, Modern Period, or 161, History of Education, Ancient Period), Prof. Heatwole</td>
<td>(15)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>English 112, English Grammar, Miss E.P. Cleveland</td>
<td>(11)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mathematics 147, Advanced Arithmetic, Prof. Smithy</td>
<td>(17)</td>
</tr>
<tr>
<td>III</td>
<td>9:40</td>
<td>Education 153, Educational Psychology, Prof. Heatwole</td>
<td>(15)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mathematics 112, Arithmetic (or 132, Algebra), Prof. Smithy</td>
<td>(17)</td>
</tr>
<tr>
<td>IV</td>
<td>10:30</td>
<td>Education 154, Primary Methods, Reading, Miss Chisman</td>
<td>(15)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Household Arts 137, (or 138), Cooking, Miss Lyle</td>
<td>(26)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Manual Arts 138, Woodworking (or 141, Handwork for Grammar Grades), Miss Speck</td>
<td>(12)</td>
</tr>
<tr>
<td>V</td>
<td>11:20</td>
<td>Education 156, Primary Methods, Language, Miss Chisman</td>
<td>(15)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Household Arts 137 (or 138), as above</td>
<td>(26)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Manual Arts 138 (or 141) as above</td>
<td>(12)</td>
</tr>
<tr>
<td>VI</td>
<td>12:10</td>
<td>English 161, Literary Epochs (or 153, American Literature), Miss E. P. Cleveland</td>
<td>(11)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>History 131, Economic History, Dr. Wayland</td>
<td>(15)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Household Arts 131 (or 132), Sewing, Miss Lyle</td>
<td>(17)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Manual Arts 134, Primary Drawing (or 144, Grammar Grade Drawing), Miss Speck</td>
<td>(12)</td>
</tr>
<tr>
<td></td>
<td>1:00</td>
<td>Dinner Recess.</td>
<td></td>
</tr>
<tr>
<td>VII</td>
<td>2:00</td>
<td>English 132, Grammar and Composition, (or 151, Rhetoric), Miss E. P. Cleveland</td>
<td>(11)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>History 161, Sociology (or 162 Ethics; or 152, Modern History), Dr. Wayland</td>
<td>(15)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Manual Arts 131, Primary Handwork, Miss Speck</td>
<td>(12)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mathematics 148, Arithmetic Methods, (or 162, Plane Geometry), Prof. Smithy</td>
<td>(17)</td>
</tr>
<tr>
<td>VIII</td>
<td>2:50</td>
<td>History 148, History Methods, Dr. Wayland</td>
<td>(15)</td>
</tr>
</tbody>
</table>

**Note.**—The Schedule for the Second Term is subject to change to suit the requirements of the students in attendance, which will be determined on the first day of the term. It is practically certain that all cases of classes conflicting can be arranged so that desired classes may be taken in every instance. Where more than one class is named as given by an instructor in any period the class put first is, according to present indications, likely to be given, but choice will depend on the number applying.

(42)
TRAINS TO HARRISONBURG

The scheduled time of the trains arriving at Harrisonburg is given here. By referring to a time table to be obtained from the railroad agent at your nearest railroad station, and finding on it one of the points mentioned below and the time as here given, you can easily determine which train to take in order to make the proper connections.

**SOUTHERN RAILWAY:**
(Connecting at Alexandria with R. F. & P., at Strasburg with B. & O.)

<table>
<thead>
<tr>
<th>Leave Alexandria</th>
<th>Manassas</th>
<th>Strasburg</th>
<th>Arrive Harrisonburg</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:47 A. M.</td>
<td>9:30 A. M.</td>
<td>12:30 P. M.</td>
<td>3:00 P. M.</td>
</tr>
<tr>
<td>3:52 P. M.</td>
<td>4:40 P. M.</td>
<td>6:56 P. M.</td>
<td>9:00 P. M.</td>
</tr>
<tr>
<td>4:47 P. M.</td>
<td>5:40 P. M.</td>
<td>8:18 P. M.</td>
<td>10:25 P. M.</td>
</tr>
</tbody>
</table>

**BALTIMORE & OHIO RAILWAY:**
(Connecting at Lexington and Staunton with C. & O.)

<table>
<thead>
<tr>
<th>Leave Lexington</th>
<th>Staunton</th>
<th>Arrive Harrisonburg</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 A. M.</td>
<td>5:35 A. M.</td>
<td>6:40 A. M.</td>
</tr>
<tr>
<td>12:00 M.</td>
<td>1:35 P. M.</td>
<td>2:40 P. M.</td>
</tr>
<tr>
<td>1:00 P. M.</td>
<td>3:56 P. M.</td>
<td>6:30 P. M.</td>
</tr>
</tbody>
</table>

**CHESAPEAKE WESTERN RAILWAY:**
(Connecting at Elkton with N. & W.)

<table>
<thead>
<tr>
<th>Leave Elkton</th>
<th>Arrive Harrisonburg</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 A. M.</td>
<td>8:20 A. M.</td>
</tr>
<tr>
<td>11:33 A. M.</td>
<td>12:49 P. M.</td>
</tr>
<tr>
<td>4:35 P. M.</td>
<td>5:34 P. M.</td>
</tr>
</tbody>
</table>

Students are advised to consult their nearest railroad agent for verification of the time of trains.

A representative of the school will meet all trains arriving at Harrisonburg Tuesday and Wednesday, June 18 and 19, also July 30 and 31.

If in doubt as to the best route or train to take, students should write to the President of the school for information.

PRELIMINARY APPLICATION

If you fully intend to attend this summer school, please fill out the blank on the other side of this, tear it out and return it to the "President of the Normal School, Harrisonburg, Virginia."
Below we give a few of the names and addresses of ladies who will take our students to board or room during the summer term. These are private homes, convenient to the school, and none is a regular boarding-house, only students being taken. The homes taking gentlemen are marked with an asterisk (*). Rooms rented by the school are not included here. See pages 19-20.

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
<th>No. to Room Only</th>
<th>No. to Board &amp; Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mrs. J. E. Altaffar</td>
<td>Cantrell Ave</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Mrs. Wilson Davis</td>
<td>Campbell St</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Mrs. Francis Eppes</td>
<td>Mason St</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>Mrs. Annie N. Estes</td>
<td>Mason St</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Mrs. C. A. Henton</td>
<td>S. Main St</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Mrs. R. C. Hughes</td>
<td>Cantrell Ave</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Mrs. J. N. Liggett</td>
<td>S. German St</td>
<td>0</td>
<td>9</td>
</tr>
<tr>
<td>Mrs. M. Rauholf</td>
<td>S. German St</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Miss M. B. Thurmond</td>
<td>S. Main St</td>
<td>0</td>
<td>24</td>
</tr>
<tr>
<td>Mrs. Willis</td>
<td>S. German St</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Mrs. W. J. Coakley</td>
<td>S. Main St</td>
<td>0</td>
<td>6*</td>
</tr>
<tr>
<td>Mrs. P. J. Lamb</td>
<td>N. Main St</td>
<td>0</td>
<td>4*</td>
</tr>
<tr>
<td>Mrs. S. C. Rohr</td>
<td>N. Main St</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Name...........................................................................................................

Post-office ...........................................................................................................

Courses (or classes) you expect to take...................................................................

For what certificate?..............................................................................................

Where do you wish to room?..................................................................................

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DIRECTIONS TO STUDENTS

1. Please read carefully this catalogue.

2. If you have not reserved a boarding place either in the dormitory or somewhere in town (unless you will live at home), do so at once.

3. The session begins Wednesday, June 19. The first meal served in the dormitory building will be supper Tuesday, June 18. Students should reach here not later than Wednesday night, except by special arrangement.

4. All trains arriving on June 18, 19, July 30, 31, will be met at the depot by representatives of the school.

5. Do not give your railroad baggage-check to anyone on the train or at the depot, but bring it to the school office as soon as you reach Harrisonburg. This is important and will save you both money and trouble.

6. The rooms in the dormitory and boarding places in the town are completely furnished, but students may add anything they like in order to make their rooms more attractive. Table napkins should be brought for use in the dining-room.

7. Fill out the Preliminary Application Blank on the last page of this catalogue, tear it out, and mail it to the President of the school at once.
As we would like for this bulletin to have a wide circulation, we will consider it a favor if those who receive copies will kindly send us the names and addresses of others who may perhaps be interested.

Our Annual Catalogue is published in May, and we shall be glad to have requests for copies, which will be mailed free of charge to any address.
As we approach the next few chapters, we will continue to refine our approach to...
MAP OF VIRGINIA

Showing Railroad Connections to Har.-

(Chords are thirty miles apart, showing

300 miles or less from Har.-

O, via Station or Tecumseh.

Belts direct, N. W. via Eflinton, and C. R.

Burg—Southern, B. & O., and C. R. Rail.)