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THE
PUBLIC SCHOOLS

OF THE
CITY OF MADISON, WIS.

COURSES OF STUDY, OUTLINES OF WORK AND
RULES AND REGULATIONS

1902-1903

ANNUAL REPORT

OF THE

PUBLIC SCHOOLS

OF THE

CITY OF MADISON, WISCONSIN

1902 - 1903

MADISON, WIS.
DEMOCRAT PRINTING COMPANY
1903

DIRECTORY.

BOARD MEETINGS.

Regular meeting of the Board—First Tuesday of each Month, at
7:30 P. M., Room 7, High School Building.

SUPERINTENDENT.

Office of Superintendent—Room 7, High School Building. Office
Hours, from 8 to 9 A. M.

SCHOOL SESSIONS.

High School—From 8:45 A. M. to 12:15 P. M., and from 2 to 4
P. M. Ward Schools—From 8:45 A. M. to 12:15 P. M.,
and from 2 to 4 P. M. Greenbush—From 9:00 A. M.
to 12 M., and from 1:30 to 3:30 P. M. North-
east School—From 9:00 A. M. to 12 M.,
and from 1 to 3:00 P. M.

SCHOOL CALENDAR—1903-1904.

FALL TERM—

Opens Monday, September 7, and closes Wednesday, De-
cember 18.

WINTER TERM—

Opens Monday, January 4, and closes Friday, March 25.

SPRING TERM—

Opens Monday, April 4, and closes Friday, June 10.

BOARD OF EDUCATION.

1903.

OFFICERS.

JOHN H. CORSCOT.....	President
O. S. NORSMAN.....	Clerk
WM. HELM.....	Treasurer
R. B. DUDGEON.....	Superintendent

MEMBERS.

		Term Expires.
O. S. NORSMAN	515 N. Henry	1903
JOHN H. CORSCOT	1222 E. Johnson	1903
GEORGE KRONCKE	1021 Rutledge	1904
F. J. TURNER	629 Francis	1904
WM. HELM	140 W. Gilman	1905
ANTHONY DONOVAN	430 West Doty	1905
MAYOR J. W. GROVES	21 E. Johnson	<i>Ex-officio</i>
ALD. C. N. BROWN	271 Langdon	<i>Ex-officio</i>

COMMITTEES.

STANDING.

Teachers	CORSCOT, DONOVAN, HELM.
Course of Study	TURNER, DONOVAN, HELM.
Finance	KRONCKE, TURNER, GROVES.
Supplies	NORSMAN, BROWN, TURNER.
Building	DONOVAN, NORSMAN, GROVES, BROWN, KRONCKE.

VISITING.

High School	TURNER, CORSCOT.
First Ward	GROVES, HELM.
Second Ward	HELM, DONOVAN.
Third Ward	DONOVAN, KRONCKE.
Fourth Ward	KRONCKE, DONOVAN.
Fifth Ward	TURNER, NORSMAN.
Sixth Ward	BROWN, GROVES.
Seventh Ward	CORSCOT, HELM.
N. E. District	NORSMAN, BROWN.
Greenbush	DONOVAN, NORSMAN.

CITIZENS' VISITING COMMITTEES.

HIGH SCHOOL:

REV. F. A. GILMORE, Chairman,
PROF. GRANT SHOWERMAN,
MR. FRANK HALL,
MISS ELSBETH VEERHUSEN,
MRS. A. E. PROUDFIT,
MRS. A. W. MOORE,
PROF. P. S. REINSCH,
REV. J. M. NAUGHTIN,
MRS. W. D. McCUE,

GRAMMAR GRADES:

MRS. C. N. BROWN, Chairman,
MRS. JULIA H. THOM,
MRS. D. D. MAYNE,
MRS. MARTIN PAYTON,
MRS. STEPHEN GILMAN,
MRS. FRED M. BROWN,
MRS. E. B. SKINNER,
MRS. H. B. MCGOWAN.

PRIMARY GRADES:

MRS. E. F. GIBBS, Chairman,
MRS. A. W. STALKER,
MRS. LEO SOMMERS,
MRS. H. W. PICKFORD,
MRS. JAS. E. CONKLIN,
MRS. JOHN M. NELSON,
MRS. L. W. CLAUDE,
MRS. A. G. SCHMEDEMAN.

DEPARTMENT OF INSTRUCTION.

1902-1903.

R. B. DUDGEON Superintendent.

HIGH SCHOOL.

J. H. HUTCHISON, *Principal* Physics.
ANNA B. MOSELEY Latin.
SUE TULLIS Latin.
MARY MCGOVERN English Literature.
FLORA C. MOSELEY English Literature.
M. W. ODLAND English.
HARRIET E. CLARK Rhetoricals.
IRMA M. KLEINPELL German.
LENORE T. O'CONNOR German.
CAROLINA M. YOUNG German.
JULIA E. MURPHY History.
EDNA R. CHYNOWETH History.
ROBERT A. MAURER History and Civics.
MARY OAKLEY Mathematics.
S. MILES THOMAS Mathematics.
GERTRUDE ANTHONY Science.
A. M. OTWELL Science.
W. A. NICHOLAS Science.
OSMUND M. JORSTAD Science and Algebra.
EDITH NELSON Greek.

ALL SCHOOLS.

ANNA GAPEN Music.
IDA M. CRAVATH Drawing.

FIRST WARD.

*MARY L. EDGAR, *Principal* Eighth Grade.
HULDA SCHRODE Seventh Grade.

*Supplied by Jannette Joyce during spring term.

MAYME E. CARPENTER	Sixth Grade.
ROSETTA BLAZER	Fifth Grade.
STELLA M. DEWOLF	Fourth Grade.
CHRISTINE B. BANDLI	Third Grade.
ADDIE I. SUTHERLAND	First and Second Grades.
ELLA LARKIN	First and Second Grades.
IVA BROWN	Kindergarten.
C. LENORE DETWILER	Kind. Assistant.

SECOND WARD.

MARGARET A. FORAN, <i>Principal</i>	Seventh and Eighth G'ds.
EMMA H. VAN BERGH	Fifth and Sixth Grades.
ELIZABETH M. HERFURTH	Fourth Grade.
EMMA G. HYLAND	Third Grade.
EMMA SNYDER	Second Grade.
PAULINE SHEPARD	First Grade.

THIRD WARD.

S. MATILDA BAILEY, <i>Principal</i>	Eighth Grade.
ANNIE HALLIGAN	Seventh Grade.
CORA M. SCHNEIDER	Sixth Grade.
FANNY CRAWFORD	Fifth Grade.
CAROLINE A. HARPER	Fourth Grade.
EMMA N. BIBBS	Third Grade.
MARY E. HATCH	Second Grade.
JENNIE M. WILLIAMS	First Grade.

FOURTH WARD.

THERESA G. COSGROVE, <i>Principal</i>	Seventh and Eighth G'ds.
THEDA CARTER	Fifth and Sixth Grades.
LYLA RANSOM	Third and Fourth Grades.
ISABEL T. BYRNE	First and Second Grades.

FIFTH WARD.

ADELINE MARVIN, <i>Principal</i>	Eighth Grade.
ALICE PARSONS	Seventh Grade.
EMMA R. SMITH	Sixth Grade.
ABBIE A. GREEN	Fifth Grade.
MILDRED R. McCOMB	Fourth Grade.
ELLA HEILIGER	Third Grade.
IRMA B. WISWALL	Second Grade.
CLARE DENGLE	First Grade.

SIXTH WARD.

KATE H. FEENEY, <i>Principal</i>	Eighth Grade.
CECELIA O. KAVANAGH	Seventh Grade.
AMY M. CHAPMAN	Sixth Grade.
IDA OLIVER	Fifth Grade.
ALTA G. LEWIS	Fourth Grade.
NELLIE R. CONNOR	Third Grade.
STELLA VAIL	Third and Fourth Grades.
ETHEL M. FINCH	Second Grade.
AGNES YOUNG	First and Second Grades.
ELIZABETH J. GRAHAM	First Grade.
EMILY MCCONNELL	Kindergarten.
MARIE M. REDEL	Kindergarten Ass't.

SEVENTH WARD.

MAY ISABEL KAY, <i>Principal</i>	Seventh and Eighth G'ds.
JESSIE L. HUNGERFORD	Sixth Grade.
ETHELYN COLWELL	Fifth Grade.
MAUD PARKINSON	Third and Fourth G'ds.
EDITH A. GLANVILLE	First and Second Grades.
KATHERINE FLEMING	Kindergarten.

GREENBUSH.

SADIE E. GALLAGHER, <i>Principal</i>	Fourth and Fifth Grades.
MARGARET E. CUMMINS	Third Grade.
NORA R. CULLIGAN	Second Grade.
NORA L. MCKEE	First Grade.

NORTHEAST DISTRICT.

*ROSE M. SMITH, <i>Principal</i>	Third and Fourth Grades.
ELIZABETH B. HUGHES	Second Grade.
ALICE M. HODGE	First Grade.

*Supplied by Mrs. Theresa Archibald after holidays.

DEPARTMENT OF INSTRUCTION.

1903-1904.

R. B. DUDGEON Superintendent.

HIGH SCHOOL.

J. H. HUTCHISON, *Principal* Physics.
ANNA B. MOSELEY Latin.
SUE TULLIS Latin.
MARY MCGOVERN English Literature.
FLORA C. MOSELEY English Literature.
SARA D. JENKINS English.
HARRIET E. CLARK Rhetoricals.
IRMA M. KLEINPELL German.
LENORE T. O'CONNOR German.
CAROLINE M. YOUNG German.
JULIA E. MURPHY History.
EDNA R. CHYNOWETH History.
ROBERT A. MAURER History.
MARY OAKLEY Mathematics.
WM. H. KELLEY Mathematics.
OSMUND M. JORSTAD Mechanical Drawing.
GRACE E. LEE Science.
WILLIS R. MORTON Science.
..... Science.
A. OTTERSON Science and Algebra.
MARIE MCCLERNAN Greek.

ALL SCHOOLS.

ANNA GAPEN Music.
IDA M. CRAVATH Drawing.

FIRST WARD.

MARY L. EDGAR, *Principal* Eighth Grade.
CECELIA O. KAVANAGH Seventh Grade.
ROSETTA BLAZER Sixth Grade.

AMY M. CHAPMAN	Fifth Grade.
STELLA M. DEWOLF	Fourth Grade.
LYLA A. RANSOM	Third Grade.
FLORENCE NELSON	Second Grade.
ADDIE I. SUTHERLAND	First Grade.
ELLA LARKIN	First and Second Grades.
IVA BROWN	Kindergarten.

SECOND WARD.

MARGARET A. FORAN, <i>Principal</i>	Seventh and Eighth G'ds.
EMMA H. VAN BERGH	Fifth and Sixth Grades.
ELIZABETH M. HERFURTH	Fourth Grade.
EMMA G. HYLAND	Third Grade.
EMMA SNYDER	Second Grade.
PAULINE SHEPARD	First Grade.

THIRD WARD.

S. MATILDA BAILEY, <i>Principal</i>	Eighth Grade.
ANNIE HALLIGAN	Seventh Grade.
CORA M. SCHNEIDER	Sixth Grade.
FANNY CRAWFORD	Fifth Grade.
CAROLINE A. HARPER	Fourth Grade.
EMMA N. BIBBS	Third Grade.
MARY E. HANCOCK	Second Grade.
JENNIE M. WILLIAMS	First Grade.

FOURTH WARD.

THERESA G. COSGROVE, <i>Principal</i>	Seventh and Eighth G'ds.
THEDA CARTER	Fifth and Sixth Grades.
— — —	Third and Fourth Grades.
ISABEL T. BYRNE	First and Second Grades.

FIFTH WARD.

ADELINE MARVIN, <i>Principal</i>	Eighth Grade.
ALICE PARSONS	Seventh Grade.
EMMA R. SMITH	Sixth Grade.
ABBIE GREEN	Fifth Grade.
MARIE E. POTTER	Fourth Grade.
ELLA HEILIGER	Third Grade.
IRMA B. WISWALL	Second Grade.
CLARE DENGLER	First Grade.

SIXTH WARD.

KATE H. FEENEY, <i>Principal</i>	Eighth Grade.
EMILY PARSONS	Seventh Grade.
ALICE GODFROY	Sixth Grade.
MATTIE RILEY	Fifth Grade.
LOUISE ZIMMERMAN	Fourth Grade.
STELLA VAIL	Third and Fourth Grades.
CARRIE HUGGINS	Third Grade.
AGNES YOUNG	Second Grade.
WINEFRED M. BRIGHT	First and Second Grades.
ELIZABETH J. GRAHAM	First Grade.
EMILY MCCONNELL	Kindergarten.
MARIE M. REDEL	Kindergarten Asst.

SEVENTH WARD.

MAY ISABEL KAY, <i>Principal</i>	Seventh and Eighth G'ds.
KJISTEN OLSON	Fifth and Sixth Grades.
MAYME E. CASEY	Third and Fourth Grades.
EDITH A. GLANVILLE	First and Second Grades.
KATHERINE FLEMING	Kindergarten.

GREENBUSH.

SADIE E. GALLAGHER, <i>Principal</i>	Fourth and Fifth Grades.
MARGARET E. CUMMINGS	Third Grade.
NORA R. CULLIGAN	Second Grade.
NORA L. MCKEE	First Grade.

NORTHEAST DISTRICT.

THERESA ARCHIBALD, <i>Principal</i>	Fifth and Sixth Grades.
NELLIE R. CONNOR	Third and Fourth Grades.
ELIZABETH HUGHES	Second Grade.
VELMER PRATT	First Grade.

CLERK'S STATEMENT.

Receipts and expenditures of the Board of Education of the city of Madison, from July 1st, 1902, to June 30th, 1903:

Receipts.

Balance on hand July 1, 1902	\$19,474 15
State apportionment, school fund	12,416 57
City school tax, 1902	30,500 00
County school tax, 1902	12,504 00
Town of Madison, joint district tax, 1902	1,482 28
Town of Blooming Grove, joint district tax, 1902 ..	1,120 82
Tuitions collected	1,151 00
Interest on deposits	572 55
Loan from state of Wisconsin	35,000 00
Old registers sold	4 00
Rent from Wisconsin Telephone Co.	6 00
Fuel sold	7 50
	<hr/>
	\$114,238 87

Expenditures.

Apparatus and library	\$149 66
Miscellaneous supplies	3,061 06
Miscellaneous repairs	1,934 55
Janitors and labor	4,922 08
Fuel	6,862 34
Furniture	2,121 96
Clerk's salary and census	300 00
Free text books	32 33
Printing	249 09
Insurance	892 50
Eighth ward school addition	18,234 95
Northeast district building	12,819 14

MADISON PUBLIC SCHOOLS.

13

Second ward building improvement	5,381 62
Two additional lots—sixth ward grounds	2,900 00
Sprinkling and other taxes paid	79 47
Cement walks, grading, etc.	643 81
Payment on additional site for high school building	2,100 00
Interest paid	10 89
Teachers' wages and superintendence	44,394 88
Balance on hand, June 30th, 1903	7,148 54
	<hr/>
	\$114,238 87

O. S. NORSMAN,

Clerk.

TREASURER'S REPORT.

Receipts and Expenditures, July 1, 1902, to June 30, 1903.

Receipts.

1902.		
July 1.	To balance on hand	\$19,474 15
July 31.	From interest for July	50 23
July 31.	From state treasurer, loan	35,000 00
Aug. 31.	From interest for August	106 71
Sept. 30.	From interest for September	81 37
Oct. 25.	From J. G. O. Zehnter, old registers sold	4 00
Oct. 31.	From interest for October	57 33
Nov. 29.	From Wis. Telephone Co., rent	6 00
Nov. 29.	From interest for November	28 80
Dec. 31.	From city treasurer, part city school tax	8,000 00
Dec. 31.	From interest for December	4 47
1903.		
Jan. 12.	From city treasurer, part city school tax	7,000 00
Jan. 31.	From city treasurer, balance city and county school tax	28,004 00
Jan. 31.	From interest for January	3 12
Feb. 4.	From R. B. Dudgeon, tuitions collected ..	612 00
Feb. 5.	From G. F. Link, for coal	7 50
Feb. 19.	From city treasurer, state apportionment ..	12,416 57
Feb. 28.	From interest for February	55 25
Mch. 24.	From town treasurer, town Madison, joint district tax	1,482 28
Mch. 31.	From interest for March	67 55
Apr. 10.	From town treasurer, Blooming Grove, joint district tax	1,120 82
Apr. 30.	From interest for April	53 58
May 31.	From interest for May	40 86
June 25.	From R. B. Dudgeon, tuitions collected ..	539 00
June 30.	From interest for June	23 28
		\$114,238 87

Expenditures.

The aggregate amount of the certificates of appropriation paid from July 1, 1902, to June 30, 1903, was	\$107,090 33
The balance on hand, June 30, 1903	7,184 54
	<hr/>
	\$114,238 87

WM. HELM,
Treasurer.

SUPERINTENDENT'S REPORT.

To the Board of Education:

GENTLEMEN:—I herewith submit the annual report of the public schools of the city of Madison for the year ending June 30, 1903. This will constitute the forty-eighth report of the series, and the twelfth by me.

SUMMARY OF STATISTICS.

Population of the city (estimated)	22,000
Assessed valuation	\$19,045,873
Rate of taxation for all purposes01050
Rate of taxation for city school purposes00283

COST OF SCHOOLS.

Teachers	\$44,398 88
Incidentals	18,403 61
Sites, new buildings, and furniture	43,557 67
Street macadam, cement walks, and interest	734 17

SCHOOL CENSUS.

Number of children of school age in the city:	1902.	1903.
First Ward	380	389
Second Ward	654	660
Third Ward	328	349
Fourth ward	1,034	603
Fifth Ward	817	841
Sixth Ward	1,018	1,022
Seventh Ward	633	816
Eighth Ward	689	715
Ninth Ward	450
Joint School District, N. E.	109	121
Joint School District, Wingra Park....	172	152
Total	5,834	5,918

ENROLLMENT.

Number of children enrolled in the public schools:

High School	577	594
First Ward	329	414
Second Ward	273	272
Third Ward	399	368
Fourth Ward	208	214
Fifth Ward	436	408
Sixth Ward	536	537
Seventh Ward	229	282
Northeast School	67	100
Greenbush	148	184
Total	3,202	3,373

Number of pupils in the different grades: 1901-1902. 1902-1903.

Kindergarten	92	160
First Grade	457	442
Second Grade	370	399
Third Grade	325	372
Fourth Grade	354	335
Fifth Grade	280	317
Sixth Grade	284	277
Seventh Grade	264	227
Eighth Grade	199	250
First Year, High School	171	175
Second Year, High School	172	166
Third Year, High School	136	134
Fourth Year, High School	98	119
Total	3,202	3,373

ATTENDANCE.

Per cent enrolled	55	57
Average membership	2,797	2,900
Average daily attendance	2,716	2,746
Per cent of attendance	94	95
Total days of attendance for year	487,399	507,994

BUILDINGS.

Number of buildings occupied	11	11
Number of regular school rooms	53	60
Number of recitation rooms used	17	17
Number of sittings for pupils	2,959	3,275

TEACHERS.

Number in High School	20	20
Number in second grammar grades	10	11
Number in first grammar grades	12	13
Number in second primary grades	12	15
Number in first primary grades	15	17
Teacher of drawing	1	1
Teacher of music	1	1
Kindergartens	2	3
Kindergarten assistants	2	2
Total	75	83

TEACHERS' REPORTS.

Times teachers were tardy	216	187
Half days' absence	216	246
Visits made to parents	578	503
Visits made to sick pupils	188	192

VISITS TO THE SCHOOLS.

Number by the superintendent	490	473
Number by members of the board	43	62
Number by parents	2,314	1,980
Number of others	2,781	2,103

AVERAGE AGE OF PUPILS.

Upon graduating from High School, June 12, 1903:

Boys	18 yr. 4 mo. 10 days
Girls	18 yr. 7 mo. 15 days

STATISTICS.

The enumeration of children of school age in the city at the close of the school year gave 2,899 boys and 3,019 girls, making a school population of 5,918. This is an increase for the year of 84.

The whole number of pupils enrolled for the year was 3,373, of which number 1,661 were boys and 1,712 girls. This is an increase over last year of 77 boys and 94 girls, making a total increase of 171. The average daily membership was 2,900, an increase of 103 over the preceding year. The average daily attendance was 2,746, an increase of 30 over the preceding year.

The number enrolled was 57 per cent of the school population. The pupils were distributed among the grades as follows: Kindergarten 160, or 4.8 per cent of the whole number enrolled; primary grades,—first, second, third, and fourth,—1,548, or 45.9 per cent; grammar grades,—fifth, sixth, seventh, and eighth,—1,060, or 31.6 per cent; high school 594, or 17.7 per cent.

The regular work of the school was carried on by seventy-nine teachers, twenty in the high school and fifty-nine in the grades. In addition to these, two special teachers were employed to supervise the work in music and drawing, and two to assist in the kindergartens.

In the grades the average number of pupils to each teacher, based on the enrollment, was forty-seven; based on the average attendance, was thirty-eight. In the high school the number to each teacher, based on the enrollment, was twenty-nine; based on the average attendance, was twenty-seven.

SCHOOL ACCOMMODATIONS.

The addition to the eighth ward building and the new building in the northeast district provided ten new school-rooms in the place of the three old rooms that were displaced. These rooms are all large, well ventilated, properly lighted, and convenient. The use of these rooms has made it possible to relieve the crowded condition from which the schools suffered during the previous years. The average number of pupils enrolled in each room was reduced from fifty-one for the year before to forty-seven for the past year. This has added much to the comfort and efficiency of the schools, and puts them in better condition, as far as enrollment to each room is concerned, than they have been for some years.

The rapid growth of population in the sixth ward will make it necessary to provide additional school accommodations in this neighborhood in the near future. In addition to the eight rooms in the main building of this ward the schools now occupy the two rooms in the old building and one rented room in the chapel adjoining the school premises. For the coming school year it would seem feasible and desirable to place a small building of the cottage plan on the sixth ward school grounds for the accommodation of the kindergarten department. This building should be neat, tasty, and planned especially for kindergarten work, and should provide a permanent home for this department. In the near future the old building on the corner of Jenifer and Brearly streets should be displaced by a new one containing not less than six school rooms.

By the complete overhauling given last year, the second ward building was greatly improved and is now in a very

satisfactory condition. These changes together with the installation of new furnaces and the fan system, make the building one of the most wholesome, convenient, and attractive in the city.

During the last ten years new heating plants have been placed in all the school buildings of the city and five fans, operated by electric motors, have been put in use. Other improvements have been made by providing additional window area in some of the darker rooms, by replacing old floors with new ones where needed, and by frequent renovation of walls, hallways, closets, and basements. These changes have put all the buildings of the city into a good sanitary condition and have added much to their comfort, convenience, and attractiveness.

THE NEW HIGH SCHOOL.

For the purpose of making the successive steps in the construction of the new high school building a matter of record a short account of this movement is here inserted.

At a meeting of the Board of Education on Jan. 6, 1903, a special committee, consisting of Mr. C. N. Brown, chairman, Mr. John Corscot, Judge Anthony Donovan, Prin. J. H. Hutchison, and Supt. R. B. Dudgeon, was appointed. This committee was to be known as the Committee on the New High School Building, and its special duty was to take charge of and further the project of the new building. At this same meeting this committee was authorized to visit and inspect some of the largest and more recently constructed high school buildings within a reasonable distance of Madison. Pursuant to this authority this committee, on Jan. 19-20, visited two of the best high school buildings in Chicago, the Robert Waller

and the Lake View High Schools, one in Joliet, and two in Milwaukee, the South Division and the West Division High Schools. Two members of the committee, Mr. John Corscot and Supt. Dudgeon, also visited the new high school building at Oshkosh. Later, upon the urgent request of the members of this committee, all the other members of the Board of Education, with one exception, visited the Robert Waller High School in Chicago and the new high school building at Joliet.

These visits proved to be very profitable and helpful to the members of the Board of Education, giving them a better knowledge of what other cities are doing in the way of providing high school facilities, and a more definite idea of what the character and extent of a modern high school building should be. These visits permitted the Board to proceed in the new high school project with more confidence and with a more intelligent understanding of the amount of money required to provide accommodations adequate to the needs of the Madison High School.

At a meeting of the Board of Education on March 20, 1903, it was decided to secure the services of Prof. Warren P. Laird, of Philadelphia, one of the leading architects of the country, as a professional expert adviser of the Board. It is to be his duty to prepare a program for, and in a general way to take charge of, a competition for the selection of an architect. He is also to analyze and explain all plans submitted and to offer such advice and suggestion as the Board may desire. This competition is to be limited to four architects from outside the city and to the local architects who have been in practice in the city not less than three years.

A compensation of \$250 will be allowed to each of the

four outside architects and the same sum to each of the three local architects furnishing the best plans. It is the intention to select the competitor who wins the first prize, or place, as the architect of the building, and the sum paid for his competitive plan will be deducted from his regular fees.

The competitive designs will show the elevation plans for a complete high school building, occupying the greater portion of the block on which the present high school building stands. The first contract, however, will probably be let for only that portion of the building which will face Johnson street, extending from Carroll street to Wisconsin avenue, with the main front on the avenue. To avoid any interruption of the regular work of the school this portion will be constructed in two sections, the first section extending from Carroll street to the old part of the present high school building. When the first section is ready for occupancy, the old part of the present building will be torn down and the second section of the new building facing the avenue will be completed. The new building thus completed will provide ample accommodations of the high school for some years to come. In this will be provided all necessary class rooms, recitation rooms, lecture rooms, science laboratories, art rooms, rooms for teachers and officers, and full suites of rooms for commercial instruction, manual training, and domestic economy. Such a building will certainly add greatly to the efficiency of the high school, and will be a credit to the city and a fitting exponent of the intelligence and culture of the community.

BEAUTIFYING SCHOOL GROUNDS.

Only a few years ago the grounds surrounding the various school buildings were bare, stony, unattractive, and neglected. By giving this matter some attention and by the expenditure of small sums of money each year, the conditions around the school buildings have been greatly improved. The well kept lawns have added much to the attractiveness of the premises of the second and fifth ward buildings. Through the substantial services rendered by Hon. J. M. Olin in providing plans and specifications for the beautifying of the school grounds of the city, and the indefatigable labors of Mr. Zehnter in directing the setting out of vines and shrubs, the school grounds of the third, fourth, and seventh ward buildings have been made attractive and beautiful. No small share of the credit for the attractiveness of these grounds is due to the janitors of the different buildings, who have shown great interest in these improvements and have not been sparing of their efforts to keep their respective grounds in good condition. The increasing beauty of these premises during this second year has been noticeable and greatly enjoyed by pupils, teachers, and citizens. This work will be continued from year to year until the grounds of all the school buildings have been beautified and made attractive centers in their respective sections of the city. The attractiveness of these grounds and the promise of constantly increasing beauty more than justify the small expenditure of money necessary for the accomplishment of this work. These improvements not only please the eye and make the school premises attractive, but also aid in cultivating a sense of beauty and refinement.

BEAUTIFUL SCHOOL ROOMS.

The making of school-rooms beautiful and attractive is another work whose value cannot be well overestimated. The influence of beautiful surroundings and good pictures on the character and lives of the children is coming to be better appreciated. Works of art not only add charm and interest to the school-room but are potent factors in the moral and spiritual development of the children.

The Woman's Club of the city, through committees in the different wards, has been doing much during the past year in the way of securing pictures and other works of art for the schools and in making the surroundings of the children beautiful and attractive. Appreciating the value of this work the Board of Education has co-operated in these efforts by putting all the buildings in good sanitary condition and by tinting the walls of the school-rooms in accordance with approved color designs. When the pupils enter school at the opening of the year they will find the rooms much improved and more attractive than they have been in preceding years. We feel that these efforts have added much charm and interest to the schools and cannot fail to exercise a beneficent influence upon the lives of the children.

We are much pleased to be able to insert the following report which has been prepared, upon request, by Mrs. A. O. Fox, who has had general charge of this work in the city:

During the past year, more than usual interest has been manifested by parents, teachers and children in the work of decorating our city schools with good subjects of art. The work was

consigned to Mrs. A. O. Fox by the Woman's Club, having been suggested by Miss Edgar, principal of First Ward.

Mrs. Fox organized committees in each ward in the city, and she attributes the success of the enterprise to the general feeling which prevailed in the separate schools that this was not exclusively club work, but the work of all parents, teachers and pupils. Something like fifty good subjects of art have been donated to our schools by liberal-spirited citizens, including fine reproductions from ancient and modern paintings, casts, bas relief, etc. Most of these have been given to First Ward School, as the work originated there and was at first considered an experiment, but it proved such a success that the general committee has every reason to believe that in time all the school rooms in the city will be complete in works of art, and they continue to work toward this end.

The chairmen of the committees are as follows:

First Ward	Mrs. A. O. Fox
Second Ward	Mrs. L. M. Claude
Third Ward	Mrs. Lloyd Skinner
Fourth Ward	Mrs. Frank McConnell
Fifth Ward	Mrs. Albert Flint
Sixth Ward	Mrs. J. A. Swenson
Seventh Ward	Mrs. H. B. Dodd
Greenbush	Mrs. Sidney Terwilliger
N. E. District	Mrs. Sommers
High School	Mrs. Reuben G. Thwaites

The graduating class of 1903 or the high school left a sum of money to be used for a picture, thus establishing a precedent which will doubtless be followed by other out-going classes. Nearly \$900 has been raised this year, the result of numerous entertainments given in the schools and in private homes, as well as private contributions. These entertainments will continue from time to time, thus spurring on the children to do more and more to beautify their own school rooms.

The effect upon the pupils, both large and small, has been most gratifying. Many of the children see nothing of art in their own homes, hail with delight a new picture and want to know all about it. They take pride in the clean, daintily-tinted walls, which the Board of Education have generously allowed at our solicitation.

The habit of order and the improvement in manners under the changed environments has been a subject of comment and pleasure to the teachers.

One cannot over-estimate the good which may be derived by the elevating influence of good art in the schools.

Respectfully,

ANNIE W. FOX.

FULL UTILIZATION OF SCHOOL-HOUSES.

In an address before the department of superintendents at Cincinnati last February, President Eliot made a strong plea for a more extended utilization of the school plants of the country. He noted the fact that school buildings representing large investments are used only about six hours a day during one-half the days of the year, and stand unused during the remainder of the time. These conditions force a vast amount of capital to be idle and remain unproductive for a large portion of the time. The use of any industrial plant for so small a portion of the time would not be thought possible. No productive industry could be made to pay with so incomplete a use of an expensive plant. Considering the vital need of intelligence among the masses, public education ought to be the most productive of all industries and its plant should be more fully used than any other.

That there is a large and widespread demand for instruction along special and general lines not included in the ordinary school curricula, is evidenced by the existence all over the country of private and public institutions which furnish instruction on a large scale outside the usual school hours of the day. Among these may be mentioned the Cooper Union; the Institutes of Pratt, Drexel, and Armour; the many vacation schools carried on by private associations; and the trade schools of the large cities. The schools of correspondence with their hundreds of thousands of students, and the Chautauqua Reading Circles

with their world-wide patronage, bear strong evidence that local schools of public education fail to meet a wide-spread and large demand for instruction.

Many years ago the authorities of Cooper Union, recognizing the popular demand for instruction in New York city and the need of wide-spread intelligence among the masses, instituted a system of free lectures for the people. "In its great hall for more than forty years have been given lectures on everything that pertains to human interest. Upon its platform have appeared all the great orators of the past forty years." About fourteen years ago this work was taken up by the Board of Education of New York city and is now maintained by appropriations from the public funds. This work has since grown to great proportions and covers lectures given in every part of the city. Last year 3,172 lectures were given and about one million people were in attendance. The subjects of the lectures were chosen with a view to interest the largest numbers, and the titles show a great variety of topics. Whenever possible the lectures were illustrated by stereopticon views, by experiments, by musical selections, or by readings. This work has come to be considered an important part of the educational system of the city, and in value and effectiveness is regarded as second to no other line of educational work.

It is said that this free lecture movement is responsible not only for a new kind of teacher, but also for a new definition of a school-house. A school-house is no longer closed at 3 o'clock daily, but is open both day and evening. Some of the uses of the school-house since the lecture course began included free lectures, recreation centers, play centers, libraries, vacation schools, in addition to the even-

ing schools. In closing his last annual report, Supervisor of Lectures, Mr. H. M. Leipziger, says:

Summing up the results of the lecture movement, as seen in our city, it may truly be said that it has broadened the meaning of the term 'education' and has given a series of continuation schools of the best kind. It has brought the professor from his study in touch with the people and has gathered audiences from all classes of society, making a truly democratic assemblage. It has brought culture to the uncultured. It has given a new meaning to the uses and possibilities of the school-house. Year by year the city will become improved and more gifted men and women will long to teach in these great cities. In these days of shorter hours and larger opportunities this provision for adult education will bring the stimulus for the gratification of the intellectual desires of thousands, and a larger world will be given in which they shall live. The best characters in literature will be brought to influence their lives, and a new joy will come from this association with literature and science and art, and this influence will affect their homes and their lives and they will find that the true joys of life will not come from wealth but from sympathy and appreciation of the bounties and wonders of nature that lie around us.

Similar movements have been inaugurated in other parts of the country. During the past year Boston made some interesting experiments which show some of the ways in which school-houses may be used for the pleasure and profit of the people of a neighborhood. Educational centers were started in three sections of the city. In these centers classes were formed in some lines of academic work and in cooking, sewing, dressmaking, millinery, embroidery, basket-making, wood-working, singing, and gymnastics. These classes have been attended chiefly by adults and youths beyond the school age. Speaking on this subject Superintendent Seaver says:

Besides the industrial and academic features in the work of the educational centers, there were others of a more social kind. The singing classes open to men as well as to women were of

this kind. Then there were concerts, lectures, dancing, and quiet games provided for the entertainment of all the classes. The older boys and girls in the day schools were invited to come to the school-house evenings to study their "home lessons." They came in considerable numbers, and after studying their lessons for an hour, spent another hour playing dominoes, checkers, and other quiet games.

This purpose is primarily a social one. It touches in a large way the social life of the neighborhood, which it refines and elevates through the useful and pleasant occupations it affords for a large number of persons. But the purpose is also educational, both directly for the benefit of the persons who come in for instruction, and indirectly for all the schools by enhancing in the minds of the people their sense of the value of things educational. There can be no doubt when the boys and girls in the day schools see their elder brothers and sisters, and even their fathers and mothers, going to school in the evening, that they will themselves feel an increased respect for their own school work. The influence of a well-managed educational center ought to be, and doubtless will be, manifested by a general uplift in all the other schools of the neighborhood, and by a higher intellectual and moral life in the community.

I have spoken at some length on this matter of an extended use of the school-houses to show that this movement is a serious and an important one, and not a mere passing fad. That the social life of a neighborhood can be reached by the school in many ways not heretofore undertaken by the teachers and by the school authorities, is now generally recognized by intelligent people. Without question it is the principal function of every school and of all education to further the public good and to add something to the joys and satisfactions of the individual. Something may be done toward the furtherance of these ends by making each fine public school building a social and educational center for the vicinity; and school authorities are not without some responsibility for a more complete and economical utilization of all public school plants.

It is true that the social conditions in Madison are much

better than in many larger cities, and that the means for social improvement and mental growth are not wanting. Yet in some portions of the city there are hundreds of people who never hear a lecture or attend a wholesome entertainment. Their habits of life and tastes do not lead them to enjoy the University lecture and their limited means bar them from the popular entertainments. These people would be more inclined to mingle with their neighbors and profit by a lecture or entertainment in the school-house of their vicinity. Much good would be done by bringing these people together from time to time in their own localities to mingle with their neighbors and to receive instruction and entertainment. In our city where there are so many persons well equipped for this work who would gladly give their services to the people, a few entertainments could be given in the school-houses of the city with little or no cost to the school board. The committee from the Woman's club, in charge of the work of decorating the school-rooms, arranged for a few entertainments in the different buildings during the past year. Although a small admission fee was usually charged, these were well attended and heartily enjoyed by the people. This work might easily be extended another year and much good accomplished. There are doubtless many in the city who would be glad to assist in this work if some encouragement should be given. Under these conditions the Board of Education should give its sanction to this work and equip at least one room in each building with light, seats, and other conveniences, in which the people can be gathered to enjoy entertainments provided by those in charge. In this way the money invested in our fine school plants would be made to yield larger returns in a physical,

mental, and moral way, and much would be added to the "pleasures, joys, and satisfactions of the people, a work which should be recognized as the leading function of every school and of all education."

THE FREE LIBRARY AND THE SCHOOLS.

In my report of last year the plan of co-operation between the free library and the city schools was explained and commented upon. This work was continued during the past year with pleasure and profit to the pupils of the schools. By means of this plan the pupils from the different schools have been drawn to the library, have been made familiar with the methods of drawing and returning books, and have been encouraged to use the books from the general lists.

To indicate with more definiteness the results of this work for the past year I quote the following from the annual report of the city librarian, Miss Julia A. Hopkins:

The library now has 995 books in its school duplicate collection, which have had a circulation this year of 6,466. This circulation is a drop of about 1,800 below the circulation of last year. The decrease, however, is easily accounted for.

The books were sent out twice each year. The first time they went out last year they were out for two months and the circulation was 5,142. This was before the Children's Room was opened, and the large proportion of the circulation was in the schools nearest the library, where now the circulation is the smallest. That this was the cause of the large circulation is shown by the fact that when the books were sent out the second time last year, after the Children's Room was opened, the circulation dropped to 3,160, although the books were out for four months, just double the time of the first period. This year the circulation of the first period could not at all reach the phenomenal circulation of last year, being in fact only 2,247; but on the

other hand the circulation for the four months of the second period is 4,219, an increase of more than 1,000 over the corresponding period of last year. So, although the sum total for the year is smaller, the work is really growing.

This is due in no small measure to the hearty and cordial co-operation of the superintendent of schools and the teachers themselves. Because of their interest and sympathy the outlook for the coming year is most favorable.

Early in the spring a step was taken which has made the school work much more effective. The superintendent of schools gave to the children's librarian a pass-card, giving her entrance to the schools on a certain day each week. She visited the schools in regular order, going into every room where the library had sent books. She stayed ten or fifteen minutes in each room and this visit was counted as part of the regular school work. She talked sometimes to the children about the books; more often she got them to talk to her about what they had read and what they liked. She examined the books there to see what ones were circulating; and if she found some of the best ones not being read, she told a story from one of them to arouse the interest of the children. She talked with the teacher to find out if the books sent were well-fitted to the grade and the children, or whether an exchange was needed. Twenty-seven of these visits were made, and 111 such talks given. In this way a most vital relationship was established between the schools and the library, and the system of distribution made as elastic as possible. The results are very evident. In taking the statistics of the last circulation, it was found over and over again that some book which had only circulated two or three times in the three preceding periods it had been out, had circulated a dozen or fifteen times during this last period. In every case the book was one that had been spoken of in these talks.

A great deal of reference work, also, has been done with the schools. Bulletins and pictures have been loaned, reference lists made and sent out, and some small collections of books, on special topics connected with the school work, loaned for a short period. Books needed for some time by classes in the high school were put on reserve shelves in the reading room where they would be available to all the members of the class.

In June an exhibit was held of the art work by pupils of the high school. The selections exhibited were chosen by Miss Cravath, the teacher of art in the city schools, and showed the three departments of work, representation, decoration and construction. There were paintings from flowers and fruit, pencil

and charcoal drawings from still life groups, designs for curtains, rugs and stained glass windows, and mechanical drawings setting forth some original idea in the nature of an invention. The entire west wall of the reading room was covered with the display, which was up for three weeks and was studied with great interest by scores of people.

CIRCULATION OF SCHOOL BOOKS BY CLASSES.

	Dec., '01— Jan., '02.	Feb.—June, '02.	Nov.—Dec., '02.	Feb.—June, '03.
Philosophy.....	18	4	7	23
Religion.....				
Biography.....	241	88	85	216
History.....	257	123	92	154
Travel.....	311	127	130	257
Sociology.....	5			4
Science.....	598	371	266	578
Useful Arts.....	66	16	15	56
Fine Arts.....	52	35	18	45
Language.....				
Literature.....	364	211	209	339
Fairy tales.....	630	372	284	602
Fiction.....	2,600	1,813	1,141	1,890
Total.....	5,142	3,160	2,247	4,219
Total for year.....	8,302		6,466	

CIRCULATION OF SCHOOL BOOKS BY WARDS AND GRADES.

WARDS.	GRADES.						Total.
	3	4	5	6	7	8	
1.....	103	61	32	51	74	23	344
2.....	124	220	132	182	98	18	624
3.....	148	73	99	49	94	18	431
4.....		450		91		32	579
5.....	223	266	289	69	93	46	994
6.....	175	200	271	141	79	185	1,051
7.....		335	216	204		322	1,077
Greenbush.....		666		349			1,015
Northeast district.....		229		72			301
Total.....	3,279		2,115		1,072		6,466

I wish again, as I did last year, to call attention to the fact that the figures given above afford a very inadequate idea of the value and use of these books. While

the books are kept in the school-rooms they are used by teachers and pupils in connection with their work in the regular branches. The pupils are also allowed to use the miscellaneous books at spare moments during the day, after their lessons are completed. It often occurs also that books are taken from the room for a special purpose without records being made upon the cards. Then again, many of the books taken out are read by a number of persons before they are returned. In many cases books are read aloud at home, so that a book charged on a card once may be heard and enjoyed by several members of a household. Requests were at times received from parents for certain books to read at home to the children who were not able to read for themselves. In this way these books afforded pleasure and profit to many in a way which cannot be expressed by records.

This co-operation of the library with the schools in forming the reading habit and in drawing large numbers of children to the library for books, is one of the important features of the year's work. The library and the schools have been brought into a relation which cannot fail to be of the greatest benefit to the children, and which we hope will not fail to bring some compensation to the library authorities in way of gratification in enlarged usefulness. For the success of this movement much credit is due Miss Hannah C. Ellis, who has directed the work with unusual tact and intelligence, and to Miss Julia A. Hopkins, the city librarian, who has given this line of work her constant supervision and encouragement.

THE PENNY SAVINGS FUND.

Upon request, Mrs. Nellie M. Brown, chairman of the committee from the Woman's Club of the city, has kindly made a report on the Penny Savings Fund as conducted in connection with the city schools. We are pleased to insert the report in this place.

The Madison Penny Savings Fund was established for the purpose of cultivating thrift and the habit of saving among the school children of the city. The funds to establish the work was furnished by the Woman's Club and the Woman's Christian Temperance Union, and the funds are managed by the Northwestern Building and Loan Association. With the consent of the Board of Education the experiment was first tried in the Third Ward school, commencing in April, 1902. It was so successful here that it has since been introduced into all the city schools, except the Eighth Ward and the northeast district.

The Association has procured adhesive stamps, of its own design, in denominations of one, two, five and ten cents. These are furnished to the teachers in convenient quantities and are sold at their face value to pupils who affix them to cards furnished by the Association. As soon as stamps to the amount of one dollar or more have been affixed, the Association takes up and cancels the card, and issues a pass-book similar to a savings-bank pass-book, showing a credit equal to the amount of the stamps cancelled. Interest is credited each six months at the rate of three per cent. per annum. The amount credited on the pass-books and on the stamp cards can be withdrawn at any time in cash, under simple regulations. To make the work of the teachers as light as possible, various ladies have undertaken to call at the different buildings at stated intervals to supply stamps and to take the cash collected.

We have no means of knowing the total number who have purchased stamps, but two hundred fifty-three pass-books have been issued to children who have saved one dollar or more. Of these sixty-six have withdrawn, leaving one hundred eighty-seven still in force. Of these ninety-four have made only one deposit, forty-three have made two, nineteen have made three, fourteen have made four, five have made five, three have made six, four have made seven, two have made eight, and the remaining three have made nine, twelve and fourteen deposits, respectively. The larg-

est amount credited is \$43.58, all of which has been earned by the depositor. The total deposits made upon the outstanding books was \$819.29. Of this \$62.95 has been withdrawn, leaving a balance of \$756.34. Adding to this the interest credited, makes the total amount due pass-book depositors \$762.76. The total savings of the pupils of the public schools, represented by the cash now in the fund, is \$950.50.

The promoters of the plan have believed that good would come of it in many ways. The work is distinctly educational. It is calculated to teach thrift and business methods. What has been accomplished in a tangible and material way is set forth above. What the educational and moral effect has been and will be is not so easily made apparent. If the work was now to be discontinued its permanent influence would be slight. The testimony of teachers and parents in other places where similar work has been carried on for some time is that it is highly beneficial. The testimony of parents and teachers here is almost unanimously to the same effect. In many cases money, which had formerly been foolishly spent, is being saved willingly and gladly.

No particular inquiry has been made as to the purpose for which the money withdrawn was to be used, but in very many cases the statement is made that the money was being saved for some definite purpose, usually a worthy one. In one case a boy purchased a suit of clothes with his savings, and in other cases children have volunteered the statement that the money was taken to purchase some needed article of clothing, for which the money had been saved.

The work should be continued and extended. The advantages of habits of thrift should be pointed out. The practice of saving should be encouraged so that in time it may become a habit. To give a pupil this habit is to give him something in the highest degree practical and advantageous.

It will thus be seen that a substantial beginning has been made in establishing and maintaining a penny savings system in connection with our city schools. The main end of all education is to equip the children for practical life, and we know of no way of doing this more effectively than by fostering the habits of thrift and saving. The cost in time and energy on the part of the teachers in carrying on this work is almost nothing. Even though

the continuance of this work should in the future make more extended demands on the teachers, the inestimable value of the results to the children would more than compensate for the increased effort. The devotion of the teachers to the best interests of the children would lead them to look upon any expenditure of time and effort in their behalf as a privilege and a pleasure.

We feel assured that this system of savings has a valuable educative influence in affording the children some experience in common business practices. They become somewhat familiar with the methods of making deposits, securing credits, and withdrawing amounts. They learn that there are certain regulations which must be observed in way of business hours, awaiting their turn to be served, and in endorsing checks properly. All these are by-products of the system which are of great importance.

In view of the beneficial results of this system there can be no question in regard to the desirability of its continuance and extension. For the success of this movement much credit is due to the Woman's Club and to the women who have been active in carrying out the details of the system. We trust that they may all find some compensation in the gratification which attends enlarged usefulness and in the joy which always follows worthy effort.

SCHOOL DISCIPLINE.

The two main purposes of school discipline are (1) to facilitate school work, and (2) to train pupils in the virtues of promptness, regularity, industry, exactness, and cheerful obedience to rightful authority,—virtues which are fundamental and necessary to success in the larger world of real life.

Discipline is the force which makes the existence of the school possible. Numbers can be handled only as they are combined into groups and each group treated as a unit. Delay, friction, and noise are avoided by uniformity of movement. Prompt obedience to commands and exact conformity to requirements greatly facilitate the assembling and dismissing of pupils and the movement of classes. Regularity and punctuality secure uniformity of action, and train the pupil to combine with his fellows and to put himself into harmony with his surroundings.

Conditions of order and quiet are essential to application, concentration, and habits of industry. The pupil who whispers or disturbs the school in any way, not only makes his own school time of no value, but also disturbs his fellow pupils and interferes seriously with their work. It is only when the desire to prate and chatter is suppressed that power to think and reflect is developed. When utterance is repressed thoughts multiply and power to observe and reflect is deepened. It is only when free from all distracting influences that the pupil learns to concentrate his efforts and gains the power and habit of individual industry.

We sometimes hear teachers remark that military order and regularity are not desirable and that no effort is made to obtain them. This is often a mere apology for weakness in management and inability in leadership. The thoughtful, eager, industrious spirit in the school is coincident with orderliness and quiet, and is indicative of directive power on the part of the teacher. On the other hand the restless, careless, idle spirit is attended with disorder and confusion, and usually reveals the weakness of the teacher. In fact, good instruction and the best kind

of discipline go together. The same qualities of mind that enter into good instruction are essential to good management. Fairness, exactness, and ability to look after details are as essential to one as to the other. The instruction which interests and stimulates makes formal discipline unnecessary. The well instructed school does just as it pleases because it pleases to do right. Order, quiet, industry, and a spirit of seriousness are then the marks of wise instruction and of a helpful and wholesome discipline.

The second end of school discipline is to prepare pupils for the duties of life by training in the virtues which contribute to success and happiness. At the present time when laxity in parental control is common and a wholesome respect for age and authority is rare, social and economic conditions will be affected strongly by the character of the public schools. The boy who learns cheerful obedience in the school will the more easily yield submission to the social and civil requirements of good citizenship. The boy who takes up the tasks of the school with promptness and alacrity will meet squarely the obligations in the industrial and business life without shirking or dodging. The boy who recognizes the ought and must of the school is prepared to acknowledge his accountability to a higher authority and to fashion his life after the ideals of right and truth. The boy who comes to value fully the commendation of the true teacher has a foretaste of the joy which attends honorable achievement and of the satisfaction incident to a consciousness of right-doing.

Popular sentiment would have our children do only those things which they like to do, and would not oblige them to do that which is distasteful. This sentiment is

in some degree responsible for the elective courses in our school which permit the student to choose those branches in which he is interested and for which he has some inherent liking. While the modern plan of elective studies permits the student to prepare more easily and thoroughly for his chosen calling, there is a question as to whether it develops those viril qualities which master difficulties and realize definite purposes. There is always and everywhere in life uninteresting and repugnant matters which must be reckoned with and overcome, if any degree of success is to be attained. The discipline of a strong, firm, but sympathetic teacher, leads her pupils to give themselves to the service of a steady and useful purpose, and develops a spirit of habitual mastery in presence of which nothing seems too hard or too repulsive.

It is sometimes argued that order, regularity, and uniformity are not compatible with the spontaneity and self direction of the pupil. Independence, freedom, and moral courage are not products of license and lawlessness, but of cheerful obedience to rightful authority and a strict conformity to established requirements. The skill and dexterity of the great musician is the rich compensation for an almost slavish adherence to elementary principles. The unhampered freedom of the great artist is due to his thorough mastery of fundamentals. The true citizen's immunity from restraint is due to his clear recognition of, and conformity to, high moral standards. Strict observance of rightful limitations is not incompatible with development, nor does yielding to proper authority destroy independence and individuality. It follows that the discipline in the school which cultivates alertness, promptness, regularity, and attention to details, is a guarantee

to the highest degree of freedom and independence. "Not genius," says Mr. Frank Cramer, "but the willingness to struggle and the undying hope of success are the qualities best suited to the development of strong manhood and womanhood. It is not in having but in getting that the pleasure of life is found. Nature's first commandment in the decalogue of success is 'Create your own environment.' Accurate thinking and a powerful will are developed only in the mill of life. Self-command, rightly directed power, sound judgment, and right ideals are not given to heavenborn genius; they come to life in the dust and sweat of a steady struggle." If high standards are to be maintained in the social and business world, the schools must train to promptness, persistency, independence, and willingness to face difficulties squarely.

It is important that the teacher be an able instructor; it is equally important that he be a strong disciplinarian. Ability to stimulate mental activity is a necessary attribute of the successful teacher, but no more necessary than the ability to control conduct. Intelligence is essential to success, but habits of right living are coincident with nobleness of character and true development. The well disciplined school becomes therefore a training place for true citizenship and a potent factor in the establishment and maintenance of high moral, social, and political standards.

CONCLUSION.

Evidences are not wanting that the work of the past year was an improvement of that of the preceding years. There were gains in the genuineness and naturalness of effort and in the quality as well as the quantity of work.

To a greater degree than usual the aim of the instruction was the development of power in the pupil rather than the attainment of conventional standards in subject-matter. "Show-work" was less noticeable and calm, vigorous, healthy effort more common. Less reliance was placed on artificial incentives and more effort given to interesting pupils in the work for the "work's sake." There was a clearer appreciation of the fact that consciousness of work well done and the joy which always attends worthy achievement are the highest incentives to honest effort.

Respectfully submitted,

R. B. DUDGEON.

Madison, Wis., August, 1903.

REPORT OF PRINCIPAL OF HIGH SCHOOL.

To R. B. DUDGEON, *Superintendent of City Schools, Madison, Wis.*

Dear Sir:—I have the honor of submitting to you my twelfth annual report on the high school.

ENROLLMENT.

Our enrollment is the largest in the history of the high school.

The following table shows certain facts which are of interest:

YEAR.	TARDINESS.	PER CENT. OF ATTENDANCE.	ENROLLMENT.
1891-1892	697	95	323
1892-1893	472	95.5	339
1893-1894	380	96.5	357
1894-1895	420	95	397
1895-1896	351	96	417
1896-1897	398	95	479
1897-1898	270	96	486
1898-1899	290	96	534
1899-1900	372	95	578
1900-1901	275	95	587
1901-1902	270	96	577
1902-1903	348	96	594

The following table shows the attendance of boys and girls for the past twelve years:

YEAR.	BOYS.	GIRLS.	GAIN.		LOSS.	
			BOYS.	GIRLS.	BOYS.	GIRLS.
1891-1892	126	197				
1892-1893	131	208	5	11		
1893-1894	169	192	38			16
1894-1895	190	207	21	15		
1895-1896	201	216	11	9		
1896-1897	233	246	32	30		
1897-1898	253	233	20			13
1898-1899	262	272	9	39		
1899-1900	266	312	4	40		
1900-1901	237	350		38	29	
1901-1902	221	356		6	16	
1902-1903	238	356	17			

The year '97-'98 shows an unusual condition in that there were twenty more boys than girls in the high school. The succeeding three years is marked by a great increase in the number of girls. The years '00-'01 and '01-'02 show a decided loss in boys while in '02-'03 we have a gain of 17 boys—the number of girls remaining the same as the preceding year.

PUBLIC EXERCISES.

Considering the time and energy consumed in the preparation of public exercises, it has been thought advisable to keep the number of such exercises as small as possible without destroying a commendable school spirit. The public exercises as given by the literary societies are encouraged as they set before the school the work of those societies and thus aid in increasing the membership. Public exercises for raising funds for any purpose have not been encouraged, so that we are practically limited to two events, viz.: Arbor Day and Commencement.

ARBOR DAY.

PROGRAM.

1. "Away to the Fields" (*G. F. Wilson*).....School
2. "The Little Bugler's Alarm" (*Ernest Glanville*).....
.....Leonard C. Elver
3. Piano Solo—"The Flatterer" (*Chaminade*)....Hazel Alford
4. Class HistoryGrace Hobbins, Roy M. Bartlett
5. Solo—"When the Heart is Young" (*Dudley Buck*).....
.....Allan Bayley
6. AddressProf. Joseph W. Jastrow
7. Chorus—"Sweet May" (*J. Barnby*).....Fourth Year Girls
8. "How the Robin Came" (*John G. Whittier*).....Ethel Post
9. SoloAlfred Pierce
10. "Sleep Little Pigeon," (*Eugene Field*).....Jessie Smith
11. Quartet—"Dance of the Fairies" (*Henry Smart*)
12. OrationHerbert A. Fowler
13. "America"School

COMMENCEMENT EXERCISES.

"Immer voran."

PROGRAM.

- Music—March—"Give the Countersign"
 Prayer Rev. J. M. Naughtin
 *Salutatory Benjamin Davis
 Music—Selection—"Floradora"
 Address Rev. A. W. Stalker
 Music—Cornet Solo—"Remembrance of Liberati"
 *Valedictory Cornelia McCue
 Presentation of Diplomas.
 Benediction Rev. J. M. Naughtin
 Music—March—"Jolly Musketeers."

GRADUATES.

ANCIENT CLASSICAL COURSE.

- | | |
|------------------------|---------------|
| Gilman, Helen Leonard | Mills, Jennie |
| †Grove, Helen Theodora | |

MODERN CLASSICAL COURSE.

- | | |
|-------------------------------------|-------------------------|
| Bartlett, Roy Madison | Morse, Byrrd Pearl |
| Brewster, Harriet Jane | Moser, Hildred Daisy |
| Brinkhoff, Clara Gertrude | Merz, Aline |
| Blackburn, Carolyn Etta | Memhard, Ella Lucia |
| Byrne, Mary Frances | Newman, Celia Elizabeth |
| Blie, Matilda | Owen, Emily Pratt |
| Curtin, Joseph Henry | Orvis, Mary Burchard |
| Cheney, Charles | Parsons, Caryl |
| Daniells, William | Putnam, May Margrette |
| Denu, Autie | Proud, Mary Hannah |
| Davenport, Mabelle Claire | Smith, Eleanor Clemons |
| Frankenburger, Margaret | Sage, Mary Lauretta |
| Fox, Bessie Gordon | Swenson, Victor |
| Fay, Helen Armine | Swenson, Alice Mann |
| Felland, Gunhild Olina Lenore | Shaw, Emma Hart |
| Frantschi, Lillian Angelina Dolores | Usher, Florence |
| Hobbins, Grace | Usher, Genevieve |

*Chosen by the Class.

†Ancient and Modern Classical Courses.

Hall, May Prudence
Heim, Ida Elizabeth
Johnson, Paul Browning
Lacher, Lulu Bessie
Milward, Daisy

Whitney, Alden Bradford
Worthy, Gladys Mary
Whelan, Letta Helen
Woffenden, Adah Anastasia
Wheeler, Harry Earl

SCIENCE COURSE.

Brown, Althea H.
Collman, Chester William
Charles, William Mortimer
Charles, Maud Muller
Dunn, May Vanancia
Donahue, Susan
Dahmen, Frederick William
Dillon, Carl
Davis, Benjamin Franklin
Elver, Leonard
Fowler, Herbert Atherton
Farness, Simon
Goe, Sara Belle
Hood, Harl E.

Harper, Hugh Allen
Hall, Charles Norton
Krueger, Alma Henrietta
Kessenich, John
Moll, Dorothea Alvina
Morick, Robert
Nolan, Henry Thomas
Nelson, Oliver Otto
Pridemore, Mary Florence
Pierce, Alfred Thompson
Schulkamp, Arthur William
Stevens, Jeannette
St. Sure, Jeannette Lucile

ENGLISH COURSE.

Armstrong, Vermillion
Anderson, Esther
*Brabant, Josephine Mary
Bibbs, Arthur Darrell
Chase, Florence
Carey, Alice Matilda Cecelia
Chamberlain, Mildred Harriet
Ellefson, Clarence
Ellefson, Elmer
Ellefson, Mabel Selma
French, Chester Frank

Hurning, Harry H.
Ketchum, Harold Edwin
McCue, Cornelia
Manning, Hazel
Mills, Sadie Anna
Nelson, Sadie Sabina
Quan, Clara
Reynolds, Preston Alfred
Stromme, Esther Kathryn
Terwilliger, Maud Genevieve

*English and Science Courses.

GRADUATES SINCE 1875.

Questions are often asked regarding the number of graduates from the high school. People are also interested in knowing how many of such graduates continue their studies in the University, and graduate from that institution. The following numbers are taken from high school and university records:

Graduates to date, male	428
Graduates to date, female	620
Total	1,048
Graduates for past twelve years, male.....	324
Graduates for past twelve years, female.....	418
Total	742
Graduates of M. H. S., also graduates of U. W., male.....	132
Graduates of M. H. S., also graduates of U. W., female....	127
Total	259

It is to be noticed that while more girls than boys have graduated from the high school, the order is reversed counting the graduates of U. W., who also are graduates of the high school.

The above statement shows that of all graduates of the high school since 1875, 70.8 per cent. have graduated in the past 11 years.

The total number of graduates up to and including 1899 is 731. Counting all of our graduates from U. W., including those of 1903, we have 249. Therefore, 34 per cent. of our high school graduates have also graduated from U. W.

CONCLUSION.

The year ranks high in its success. Earnestness on the part of both pupils and teachers aided in bringing about this result.

Much could be said in reference to the excellent spirit which prevails in the class rooms. Most pupils are impressed by the importance of preparation for work and the necessity of attention to recitations and respectful attitude towards teachers and classmates.

Respectfully submitted,

J. H. HUTCHISON,
Principal High School.

REPORT OF THE SUPERVISOR OF DRAWING.

To MR. R. B. DUDGEON, *Superintendent of Schools, Madison, Wis.*

Dear Sir:—I hereby submit my sixth annual report.

In reviewing our art work of the past year, I wish to glance briefly at certain tendencies of the times.

Slowly but surely there has crept into our educational system the application of art ideas in the form of manual training. A thoughtful consideration of the industrial spirit of the present will lead us to see that it is no fad but a healthful product of the times.

Spartan society was based on military order; therefore it was fitting that education should be athletic or military.

In mediaeval times, when the feudal system restricted learning to certain classes, education became intellectual, scholarly, unrelated to the life of the entire people. Now, in the democratic, industrial age, manual training has come to dignify labor, to unite the useful and the beautiful and to fit for the truest citizenship.

Two weeks spent in observation and work in the Stout Manual Training School of Menomonie, Wis., convinced me that the hand work, introduced in our public schools in *moderation*, is desirable. I think it would be well to begin next year with the raffia work and gradually introduce the rug weaving and sewing.

As a result of certain changes, the high school work has been much more satisfactory than ever before. The boys have been given three terms of mechanical drawing instead of two as heretofore.

Under the direction of Mr. O. Jorstad, much excellent work has been accomplished. A greater number have used the ink and ruling pen and some of their draughting has been the result of original thinking.

With smaller classes and free hand work only, I have been able to give more attention to those who have had no previous training, to allow greater latitude in the choice of medium and to help pupils along those lines for which they show special aptitude.

The Art Club, organized last year, has continued its efforts. Instead of meeting at the homes of members, as last year, the studio has been heated and lighted Monday evenings for the pur-

pose. While the membership of seventeen is a little less than last year, the character of the work and study has been more serious. The first half of the year was spent in the study of Michael Angelo and the ceiling of the Sistine Chapel; the latter half, in the study of the modern artists, Whistler, Abbey, and Corot. The drawings were from life.

Through the kindness of several people, high school pupils have been given the privilege of listening to very interesting words on art topics. Mrs. Hutchison's and Mrs. Giddings' illustrated talks on Greek sculpture and Dr. Showerman's interesting remarks on Rembrandt were enjoyed by all.

It is with the greatest delight that I have watched the growth of interest in the decoration of our school-rooms. Friends and patrons of the schools, co-operating with teachers and Board of Education, have carried on the work in a manner most enthusiastic and gratifying.

Starting with the Eighth ward building, which has been remodelled, they have succeeded in making it a most pleasing and attractive home for the children. The walls have been tinted in tasteful colors and masterpieces of art placed in many of the rooms.

This movement has extended to every ward in the city, and through generous gifts on the part of some, and various entertainments, the art fund has reached the sum of eight hundred dollars.

At the high school, the Art Club dues form the nucleus for a picture fund, and the graduating classes are adopting the custom of leaving a masterpiece in art as a memorial. We hope to see the good work continue.

An exhibit of art work from many western cities was with us the first week in February. The drawings from the grades were hung in the rooms of Third ward school building while the high school work was placed in the old main room of the high school. The exhibit proved to be helpful and suggestive to teachers and pupils, who were all given an opportunity to study it.

Since beginning my work in Madison, the number of rooms has increased from thirty-five to fifty-five. This fact, together with the introduction of manual work, may necessitate my visiting each room regularly but once in two weeks instead of every week, as before.

Although building, repairing and illness have interfered with the work in an unusual degree, the spirit of unselfish effort and helpful co-operation on the part of teachers and co-workers has seemed to me stronger than ever before.

The following is an outline of the course of study followed:

COURSE IN ART INSTRUCTION.

Aims.

1. To train mental faculties—Observation leads to clear percept; clear percept to clear concept; clear concepts lead to correct judgments. To stimulate originality.
2. To train the hand to execute with nicety the dictates of the mind.
3. To create a love for and appreciation of beauty in form, color, and arrangement.
4. To correlate drawing with other lines of school work, making them mutually helpful.
5. To help the child to make the most of his God-given powers, developing them into a character of moral beauty and symmetry.

FIRST AND SECOND GRADES.

Mediums of Expression.—Charcoal crayon, color crayon, water color, paper cutting, and folding.

Representation.—Drawing and painting from bright colored flowers and toys. Connected with nature work and reading lessons. Type forms.

Construction.—Modelling and cutting forms of animal and plant life. Imaginative work. Paper folding—making May baskets, soldiers' caps, sun-bonnets, etc.

Decoration.—Making of simple decorative forms—borders, rosettes, crosses, quatrefoils.

THIRD AND FOURTH GRADES.

Mediums.—Charcoal water color for freedom and directions of work; pencil for careful, accurate work.

Representation.—Principles involved in drawing cylinder in different positions. Nature and illustrative drawing. Showing of dark and light, and simple light and shade.

Construction.—Difference between working drawing and appearance drawing taught. Use of ruler taught. Practice in drawing views and patterns of type forms.

Decoration.—Study of historic designs. Designing of plaids and pleasing arrangement of flower and leaf sprays in given space. Simple landscape composition.

Artists Studied.—Millet, Landseer, Gibson, Van Dyck, Thayer.

FIFTH AND SIXTH GRADES.

Mediums.—Pencil, charcoal, water color.

Representation.—Cylindric principles reviewed. Principles involved in drawing rectangular objects facing and turned. Drawing and painting from plant and animal life. Grouping. Shade and shadow shown.

Construction.—Working drawings of type forms, using simple conventions.

Decoration.—Reproduction of Egyptian, Greek, and Roman ornament, studying elements of beauty. Applied design in oil-cloth patterns, tile designs, and doilies. Arrangement of flower and leaf sprays in given space. Landscape composition continued.

Artists.—C. D. Gibson, Lucy Fitch Perkins, Millet, Ross Turner, and Winslow Homer.

SEVENTH AND EIGHTH GRADES.

Mediums.—Pencil, charcoal, and water color.

Representation.—Review of perspective principles already studied. Cone and triangular prism in advance. Essentials of good grouping taught. More attention given to rendering of color and material. Work from plant and animal life and landscape.

Construction.—Use of ruler and compasses. Simple geometric problems; application in working drawings of type forms and joints, using all the conventions.

Decoration.—Greek and Roman ornament and architecture studied; main characteristics and examples of each style. Designs for iron work, grilles, brackets, beds, and registers. Calendars for one of the autumn months planned and worked out in color.

Artists.—Herbert Adams, William Morris Hunt, Millet, John Lafarge, and Rembrandt.

HIGH SCHOOL.

Mediums.—Pencil, charcoal, charcoal gray, water color, and pen and ink.

Representation.—Review of perspective principles and more attention to details of form and color. Pose drawing. Cast drawing, and landscape composition.

Construction.—Use of T square, triangles, drawing board, ink and ruling pen in making patterns and working drawings of type forms, joints, screws, crosses. Much practice in careful printing. Work the result of original thinking.

Decoration.—Review of the essentials of good design. Application in design for stained glass, cups and saucers, plates, doilies, silk patterns, wall paper, Easter cards and Arbor Day program, rugs.

Artists.—Praxiteles, Myron, Raphael, Corot, Guido Reni,—these are chosen because reproductions of their work are to be found in the high school.

Respectfully submitted,

IDA M. CRAVATH,

Supervisor of Drawing.

REPORT OF THE SUPERVISOR OF MUSIC.

TO MR. R. B. DUDGEON, *Superintendent of Schools, Madison, Wis.*

Dear Sir:—I hereby submit to you the report of the department of music for the year ending June 12, 1903.

In presenting this report of my first year's work in Madison it will be well to state my attitude in regard to the musical instruction of the children in the public schools.

It is true that, all too frequently, upon our schools falls the entire task of providing the aesthetic as well as the practical intellectual training of its pupils. In such cases the school must be the sole medium through which the culture of the child is obtained. Training in music is recognized as one of the foundations of the culture of later life. "In the arts of beauty, of music, and of literature are found the opening doors into those infinite worlds of thought and feeling and high intellectual and spiritual enjoyment which alone can make life worth living or the thought of immortality an inspiring hope." Then, firstly, I believe that music is a great factor in the education of children and that its wholesome influence extends far beyond the school-room.

I believe, secondly, that the training of children in music should be carried out on the pedagogical principles observed in other courses of study. We must employ nature's method and teach song first, and from this the child gets the happiness which comes from the use of the faculties as well as the pleasure gained in learning sweet music. The teaching of song should be continued until the child nature is expanded and enriched by the singing of tuneful melodies it has learned so easily and the love of music so firmly fixed that interest is aroused in the technicalities as they appear and they are more readily overcome. The tendency of the times is along the line of song-singing. Greater attention is now given to songs and their mode of singing. The cultivation of a singing disposition and a habit of giving proper expression to musical feeling with the voice should in all cases precede theoretic or technical instruction in music, yet without some knowledge of constructive elements, growth in musical understanding is impossible, so that even in childhood some attention must be given these. Culture cannot be gained by idle singing, but the technicalities can be vitalized in song.

I believe, thirdly, that the songs used should be of high grade both in poetry and music. Mr. Tomlins says: "In every child there is a germ of power to appreciate the finest music and to express his appreciation with his voice." He claims that patriotism and brotherhood can be fostered by songs of the right nature.

I believe, fourthly, that the singing exercise should be used as an aid to other branches, for the first necessity for the healthy and happy development of the child is variety of occupation, and music gives an opportunity for expression not offered by all other subjects.

These seem to me the main points, though much might be claimed for music as to its benefits physically. Singing quickens the circulation, arouses bodily activities, expands the lungs, and imparts increased vigor to the whole system. It also trains the ear to detect slighter differences in sound than is usually the case without this training.

These ideas have been borne in mind during the music instruction of this past year, the success being more apparent in some directions than in others.

The course outlined in the supervisor's report of last year has been followed with such changes in presentation as a change in supervisors has made necessary. As in previous years, the text books have been followed quite regularly, with such changes as have seemed best. Variety has been gained by songs and other work outside of these.

The chorus work in the high school has been quite successful, and the spirit of the students has been very good indeed. Next year I am sure that all will work with me to make the choruses learned still more effective, because of more careful attention to the expression and more care in the rendition of the songs.

Two musical organizations have been carried on during the school year, the practice work in these being done entirely out of school hours. The members have been very faithful to their work and the many who graduated will be greatly missed.

In closing, I wish to express through you, my sincere gratitude to the teachers of Madison, who have done so much to make my first year's work here less difficult. They have given me strong and able support throughout the entire year, and the helpful spirit which has prevailed among them has made me very grateful.

To you I wish to express my thanks for the kind consideration and words of encouragement you have given me during the past year.

Respectfully submitted,

ANNA M. GAPEN,

Supervisor of Music.

REPORTS OF VISITING COMMITTEES.

REPORT OF COMMITTEE ON PRIMARY GRADES.

To the Board of Education, Madison, Wis.

Gentlemen.—Your committee for primary grades would submit the following:

We have been favorably impressed by the work of both teachers and pupils, and notice a great improvement and more uniformity of work, brought about by the frequent visits to other schools and comparing of notes.

The school receptions have had good effect in causing parents to take more interest and visit the schools oftener and the children are not surprised at "company" as formerly; the teachers are conscientious and painstaking and worthy of earnest co-operation. We were pleased to notice the interest shown and the kindly feeling existing between the teachers and pupils—considering the number of pupils it is surprising.

To our surprise there seemed to be less interest in music among the pupils than any other branch of work.

The use of cards in arithmetic, while it is good practice, is of little help to quite a number of children who have defective eyesight—the use of blackboards is not so bad. We recommend, 1st, That teachers take especial pains with children that have poor eyesight; 2d, That greater attention be given to correct position both in writing and working at desk; 3d, That intervals of breathing, marching, and physical exercises are to be commended.

The books furnished by the Board are in very poor condition and should be replaced by new ones. The arithmetic assigned seems to be of little use as the children do not understand it and the teachers are obliged to use cards and black-boards almost wholly, which does not tend to accuracy in the fundamental rules..

There are several clocks that are a great source of annoyance to teachers and should be replaced by new ones.

Most of the school-rooms need renovating to some extent; there are some old black-boards that should be replaced by new ones as they are badly scratched and broken so that they are almost useless.

The janitors have done exceptionally well in keeping the buildings and grounds clean and in good condition.

The kindergartens are crowded and it is the earnest wish and hope of your committee that the School Board will immediately take steps to have kindergartens established in every ward in the city.

We believe these schools to be very useful and helpful for the young children in learning the first requirements of school life—attention, perseverance, and self-government.

Your committee would also suggest that more time be given the visiting committees, that they might have an opportunity of seeing the work during the whole year and thus be able to better note the improvement from time to time.

Respectfully submitted,

CARRIE A. GIBBS,

KATE R. SCHMEDEMAN,

FRANCES SOMMEERS,

ELLA A. SEARS PICKFORD,

JOHANNA M. NELSON,

EDITH M. CLAUDE.

Committee.

REPORT OF COMMITTEE ON GRAMMAR GRADES.

To the Board of Education, Madison, Wis.

Gentlemen:—The committee appointed to visit the grammar grades of the city schools respectfully submits the following report:

In the limited time which the committee has had, it has been impossible to visit the schools with any degree of thoroughness or to become familiar enough with them to speak with confidence either of their strong points or their weaknesses. To make the work of a visiting committee valuable it should be appointed early in the year so that it may familiarize itself with and speak understandingly of the work of each teacher.

Your committee desires to express its appreciation of the faithful, earnest and conscientious work on the part of the teachers which it found in almost every instance. It is impossible to overestimate the value of the influence exerted by a devoted and high minded teacher.

Many good points of the work were noted, but we must rather speak of some defects which may be remedied.

The unhygienic, ungraceful and lounging attitudes which the pupils are often allowed to assume while sitting at their desks and standing to recite was mentioned in the report of last year's committee. We feel that this is a matter of such importance, that, without wishing to imply that no improvement has been made in this direction, we repeat the suggestion that a correct position be insisted upon at all times. To relieve the fatigue of the pupils brief physical exercises should be introduced, the windows being opened meanwhile, as we find that in spite of the system of ventilation in the schools, the air often gets heavy. With the change of position, cool, out-door air being introduced, the children will receive new vigor both mentally and physically.

One exercise which might profitably be introduced is a fire drill. The visiting committee of the high school for last year presented the advantages for such a drill and what was then said will apply as well to the lower grades as to the high school. We believe that fire drills are of great value as precautionary and protective measures, and for the training which they afford.

Another matter to which more attention should be given is that of reading. Pupils should be taught to read with such distinctness and expression as to convey the meaning of the author to one who is listening.

We believe that general and systematic training should be given in rhetorical work. In one of our schools the teacher took the time after recess, Friday afternoons, for such work. She arranged a program at the beginning of the year that required *every* child in the room to give a certain number of recitations and essays during the year. The training acquired by such exercises is of the greatest value, and should not be omitted from the work of the grammar grades.

Respectfully submitted,

NELLIE M. BROWN,
ADELAIDE C. SKINNER,
ANNIE S. BROWN,
ADDIE B. MCGOWAN,
JOSEPHINE E. PAYTON,
FRANCES F. GILMAN,
JULIA H. THOM.

REPORT OF COMMITTEE ON HIGH SCHOOL.

To the Board of Education, Madison, Wis.

Gentlemen:—The Citizens' Committee for the high school consisted of the following persons: Rev. J. M. Naughtin, Prof. Paul Reinsch, Professor Showerman, Mr. Frank Hall, Miss Veerhusen, Mrs. W. D. McCue, Mrs. Proudfit, Mrs. A. W. Moore, and Rev. F. A. Gilmore. Owing to the lateness of the appointments and the pressure of other matters we have not been able to give that amount of time and attention which the work deserves. We have, however, made several visits to the high school and made oral report at a general meeting of the committee. We find the school in a highly satisfactory condition, all things considered. The excellent work of the principal and the older teachers presents no ground for criticism. The general discipline of the school is good, especially when we remember the large student body gathered in the too crowded space of the present building. One member of the committee testified that the best prepared pupils in his department come from this school. The work done in science, latin, and mathematics is especially praiseworthy. One or two weak places were found in the teaching force; this was due either to lack of discipline or to insufficient mastery of the subjects taught. With former committees we recommend the adoption of manual training and domestic science as desirable additions to the curriculum. The new high school building will no doubt provide room for these as well as a much needed space for chemical and physical apparatus. We may also be allowed to speak of our impression of the efficient labors of the City Superintendent of Schools, whose broad grasp upon details, thorough knowledge of educational problems, and familiarity with the high school and its needs has been invaluable to us.

Respectfully submitted,

F. A. GILMORE, *Chairman,*
LILLIE H. MCCUE,
PAUL L. REINSCH,
J. M. NAUGHTIN,
GRANT SHOWERMAN,
CLARA L. PROUDFIT,
ELSBETH VEERHUSEN,
ALBERTINE W. MOORE,
Committee.

CONTAGIOUS DISEASES.

No pupil shall be permitted to attend any of the public schools of this city from a dwelling in which a person is sick with scarlet fever, smallpox or diphtheria.

Nor shall any pupil who has been exposed to either of said diseases, and is liable from such exposure to have or communicate the same, be permitted to attend any of said schools until a reputable resident physician or the health officer shall certify that all danger of spreading contagion by such pupil is past.

Nor shall any pupil who has been sick with either of said diseases be allowed to attend any of said schools for a period of six weeks after his recovery therefrom, and then only upon the health officer's certificate that the residence and clothing of such pupil have been thoroughly disinfected, and that there is no danger that others will take the disease from such pupil.

No pupil who has any contagious disease not named in the preceding rule, or who has been exposed to any such disease, and is liable from such exposure to have or communicate the same, shall be permitted to attend any public school in the city, except upon the written permission of the health officer.

VACCINATION.

The following statements and rules were adopted by the state board of health of Wisconsin, June 21, 1894:

WHEREAS, The state board of health of the state of Wisconsin is empowered, authorized and directed by law to make such rules and regulations for the protection of the people of the state from dangerous contagious diseases as in its judgment may be necessary; and

WHEREAS, With the prevalence of smallpox (which disease is by said board hereby designated as contagious and dangerous to the public health) in this and in other states, the assembling of unvaccinated children in the schools of this state is believed to be a source of special danger to the people of this state, the state board

of health does hereby adopt and publish the following rule, to be of general application throughout the state.

SECTION 1. No child shall be allowed to be enrolled as a pupil in any public, private or parochial school without first presenting to the principal or teacher of the school in which he applies for enrollment or attendance, the certificate of a reputable physician, that he has been successfully vaccinated, or in lieu of such certificate of successful vaccination, certificate from a reputable physician that such child has been vaccinated at least twice within a period of three months next preceding the date of such application, such latter certificate, however, shall be void after the expiration of one year from its date.

SECTION 2. No parent or guardian of any child shall allow or permit such child to attend any public, private or parochial school in this state, and no principal or teacher of any school shall allow a child to be enrolled as a pupil or attend such school as such without the evidence of vaccination herein required and it is hereby made the duty of the proper school authorities in their respective localities to enforce foregoing rule.

ADMISSION TO HIGH SCHOOL.

Admission to the High School may be secured as follows:

1. Graduates of the eighth grade of the Madison public or parochial schools may be admitted upon the presentation of a certificate of admission signed by the superintendent of city schools.
2. Graduates of the eighth grade of the schools of other cities or of the country schools are admitted subject to such conditions and examinations as the superintendent may impose.
3. Candidates for advanced standing are admitted upon the following conditions:

(a) Graduates from schools accredited to U. W. or a similar institution may be given credit for completed work provided such work is equivalent in text-book, time, method, and standing to that required in the Madison High School. In any case the credit given will be conditioned upon the character of the work done while with us.

(b) Upon examination in subjects for advanced standing. This will apply to pupils coming from three-year high schools.

In all cases the credit to be given will be determined by the superintendent and principal.

TUITION.

Tuition for all non-resident pupils, that is, pupils whose parents do not live in the Madison school district, is as follows:

	High School.	Ward School.
Fall term	\$10 00	\$6 00
Winter term	8 00	5 00
Spring term	6 00	4 00

Tuition is payable at the opening of each term. No reduction in tuition will be made in case of absence for less than one-half term.

TEXT-BOOKS.

WARD SCHOOLS.

Revised Model Elementary Arithmetic.
 The New Model Arithmetic.
 The Natural Geographies.
 Sheldon's Word Studies.
 First Lessons in Language,
 Southworth.
 Elements of Composition and Grammar,
 Southworth.
 Smith's Physiology.
 History of the United States,
 Fiske, McMaster, Scudder or Gordy.
 Sheldon & Co., Vertical System.
 Normal Music Course.

HIGH SCHOOL.

Shakespeare—Selected Plays*Rolfe, Hudson*
 Commercial Arithmetic*Thomson*
 Algebra*Van Velzer & Slichter*
 Geometry*Van Velzer & Slichter*
 Composition and Rhetoric*Herrick & Damon*
 American Literature*Newcomer*
 English Literature*Pancoast*
 Latin Grammar*Bennett*
 Latin Lessons*Tuell & Fowler*
 Cæsar*Kelsey*
 Latin Composition*Riggs*
 Cicero*D'ooge*
 Virgil*Greenough*
 Greek Grammar*Goodwin*
 Greek Lessons*White*
 Greek Composition*Jones*
 Anabasis*Goodwin*

Homer	<i>Seymour</i>
German Lessons	<i>Spankhoofd</i>
German Reader	<i>Brandt</i>
Physical Geography	<i>Gilbert & Brigham</i>
English History	<i>Coman & Kendall</i>
Greek History	<i>West</i>
Roman History	<i>West</i>
American History	<i>Channing</i>
Civil Government	<i>Fiske</i>
Physiology	<i>Martin</i>
Botany	<i>Coulter</i>
Physics	<i>Carhart & Chute</i>
Laboratory Manual, Physics	<i>Cheston, Dean & Timmerman</i>
Biology	<i>Jordan & Kellogg</i>

In the higher Latin and Greek courses any approved text-book may be used.

GENERAL SUGGESTIONS ON SCHOOL MANAGEMENT FOR ELEMENTARY GRADES.

1. A program of daily recitation and study neatly written, should be kept constantly in view in each room for the benefit of visitors.

2. A copy of the program and a plan of the school room, corrected to date, should be kept in the register or record book of each room. The register and record books should be kept on the desk or in some place easily accessible to the principal or superintendent.

3. Care should be exercised to keep the temperature of the school rooms as uniform as possible. The temperature should not be allowed below 65 nor above 70. In cold weather the temperature must not be allowed to fall too low during the recesses. Great care should also be taken that cold currents of air do not fall on the heads of the children from open windows.

The temperature reports should be kept accurately all the time, from the opening to the closing day of the school year. The pupil who fills in the blanks should also make a record in large figures on the blackboard, so that it may be seen easily by the teacher from any part of the room. These temperature reports should always be sent in with the monthly reports.

4. Every pupil not in his seat when the tardy bell rings must be marked tardy, except in cases where a pupil is sent on an errand by the teacher. A notification beforehand or word sent by another pupil of a probable tardiness, cannot change the fact of tardiness. Tardiness at recess is just as serious as at the opening of a session and should be recorded. When the signal is given for calling school the pupils should reach their seats promptly and quietly. Not more than two minutes should be allowed for this.

5. "Promptness in all things" should be the motto in every school. Each school session and each exercise should begin promptly at the appointed time. It is also desirable that the teacher be just as prompt in closing as in opening the school session. Pupils should all be ready to leave the building promptly at the hour of closing.

6. During the winter season at the close of each school session, it is well to have all pupils march through the cloak room, get their wraps, and march back to their seats. The wraps can then be adjusted quietly and promptly, the pupils march out in order, and go immediately from the school grounds.

7. "Keeping pupils in" at recess or after school should be resorted to only as an extreme measure. Pupils should never be detained after the close of school at noon. When pupils are kept in at recess they must always be allowed to leave the room for a few minutes just after recess.

8. Teachers should avoid as far as possible sending pupils on errands to the principal during the recitation periods. All such errands and consultations with the principal should be attended to before the session begins or at the recess periods.

9. The rule in regard to the tardiness of teachers should be carefully observed. The teacher who is deeply interested in her work is under ordinary circumstances anxious to reach the school room, and is usually there so early that the tardiness rule causes her no annoyance. It is supposed that the teacher will be in her room ready for work when the first bell rings. However, if the teacher is inside the building when the bell rings she need not consider herself tardy. If on the walk or even on the outside steps when the bell rings, the teacher should call herself tardy. Just barely to slip through the door on time may be considered as keeping the letter of the law, but it violates its spirit.

No true teacher will fail to report whenever she is tardy. It would be better to be tardy every day and report it conscientiously, than to be tardy once and fail to report it.

10. No teacher should close her school before the appointed time, except in cases of necessity. If such a necessity arises, the teacher must consult the principal and get her consent. The principal should report such cases to the superintendent at once.

An exception to this rule may be made when general or public rhetorical exercises occur. For such occasions the program should be planned to occupy the usual school time. If, however, the exercises should be finished before the closing hour it will not be out of place to close school a few minutes earlier than usual, provided the matter is reported to the principal.

11. Physical exercise drills should be given every day. It is desirable to give short drills several times each day between recitations and at times when the pupils are listless and dull and need waking up.

It is quite desirable also to have each class change position or march between recitations. In the lower grades especially no

class should remain in the seats for two consecutive recitation periods without some change.

When pupils are sent from the room at the recess period or at the close of the session *every pupil* in the room should stand and march. Those who are to remain in for any purpose can return to their desks after marching.

12. The session should never close with a "rush" nor in confusion. There should be a few moments of quiet just before excusing the pupils. At the close of school for the day it is especially appropriate to have the pupils repeat some stanza or gem of thought or join in some parting song.

13. Teachers should see that pupils keep all useless articles out of their desks, and that the books and necessary material for work are orderly and neatly arranged.

Pupils should be taught to use all books, their own as well as those belonging to the Board, with care, and to keep them free from stains and pencil marks. To this end the teacher should take occasion to examine the books of the pupils frequently. The teachers desk, the pupil's desk, the school-room, and the school grounds should be models of order and neatness.

14. In all exercises pupils should be trained to speak clearly and distinctly, but harsh, loud, unnatural tones should not be allowed.

15. Avoid much concert work. Use it for spice and drill, but do not rely upon it. Let concert answers be given in low, distinct tone. Check all tendencies to sing-song or drawing habits of speech.

16. Every interest of the school demands that there be no communication between pupils during recitation or study periods. Necessary communication should be made through the teacher. Two pupils should not be allowed to study from the same book, nor to aid one another. All necessary aid and information in regard to lessons should come from the teacher.

17. Pupils should be trained to avoid whispering answers to themselves during recitations and to avoid moving lips while studying. Show pupils how to think without disturbing others.

18. The pupils should not be raising the hands constantly or waving them frantically while one of their number is reciting. Pupils should be trained to raise their hands only when they are called for by the teacher.

19. Teach your pupils how to study. Train them to be systematic and orderly in all things. The habit of systematic work is worth more than all the knowledge derived from books.

20. To teach satisfactory results in any line the teacher must be persistent and uniform in methods. Strictness one day and laxity the next will always result in failure. All requirements should be clearly understood and should be uniform from day to day. Avoid the serious mistake of "constantly telling." The teacher who is constantly talking is usually accomplishing very little in any line. *Talk* little and *Do* much.

HIGH SCHOOL GRADUATES.

CLASS OF 1875.

- Carrie H. Billings (Mrs. J. W. Tamplin).*
- Archibald Durrie, A. B., U. W. '79, Presbyterian Clergyman,
Hastings, Minn.
- Oliver Ford,* A. B., U. W. '79.
- Howard Hoyt, L. L. B., U. W. '81, Lawyer, Milwaukee.
- Annie I. Horen, B. L., U. W. (Mrs. W. A. Clapp), Wauwatosa.
- Frank Huntington, Bookkeeper, St. Paul, Minn.
- Ella Hickock (Mrs. Harvey Clark), Monroe, Wis.
- William Kollock, Wichita, Kan.
- Charles Lamb, A. B., U. W. '80, Lawyer, Madison, Wis.
- Charles Oakey, L. L. B., U. W. '79, Osceola Mills.
- Edward B. Oakley, B. S., U. W. '79, Teacher, San Jacinto, Cal.
- Thomas Parr,* B. S. Met. E., U. W. '81.
- Hattie O. Thoms, Teacher, Evanston, Ill.
- William Windsor, L. L. B., U. W. '78, Phrenologist and Publisher,
Washington, D. C.

CLASS OF 1876.

- Lizzie Bright (Mrs. Frank Phoenix), Delavan, Wis., Teacher Deaf
and Dumb Institute.
- Margaret Coyne.*
- Maria Dean, B. L., U. W. '88, M. D. Boston Univ. '83, Helena, Mont-
tana.
- Sarah Dudgeon, K. U. '89 (Mrs. E. J. Baskerville), Madison, Wis.
- Carrie French (Mrs. E. F. Gibbs), Madison.
- Henry B. Favill, A. B., U. W. '80, Rush '83, M. D., Chicago, Ill.
- Stella Ford (Mrs. Chas. Abbott), Madison, Wis.
- Chas. Hudson, Supt. of Mail Carriers, Madison, Wis.
- Willis Hoover, Missionary, South America.
- Euphemia Henry (Mrs. T. J. McMaster), Dakota.

*Deceased.

Hattie Huntington (Mrs. McDonald), St. Paul, Minn.
 Kitty Kelly, Madison, Wis.
 Carrie R. Kellogg (Mrs. Brigham Bliss), St. Paul, Minn.
 George E. Morgan,* B. C. E., U. W. '80, L. L. B., U. W. '82.
 Henry Mason, Garden City, Kan.
 William E. Morgan, Physician, Chicago, Ill.
 Annette Nelson.
 Alfred Patek, A. B., U. W. '80, Room 46, Tribune Bldg., New York,
 N. Y.
 Stanley Proudfit,* A. B., U. W. '81.
 Henry Wilkinson, Chicago, Ill.

CLASS OF 1877.

Emma Bascom.*
 Florence Bascom, A. B., U. W. A. M. '87, Ph. D. Johns Hopkins '93,
 Professor, Bryn Mawr.
 Anton Bjornson, U. W. '82, Ashley, N. D.
 Anna Butler, Superior, Wis.
 Edmund Burdick, L. L. B., U. W. '80, 168 N. Main St., Wichita,
 Kan.
 George Byrne, Lumber Dealer, Kansas City, Mo.
 Walter Chase, Madison.
 Julia Clark, A. B. A. M. '84, U. W. '81 (Mrs. J. W. Hallam), Sioux
 City, Iowa.
 Salmon Dalberg, B. L., U. W. '81, Law '83, Attorney, Milwaukee,
 Wis.
 Lizzie Dresser (Mrs. Shaw).
 Colin Davidson, Clerk, Railroad Office, Omaha, Neb.
 Frank Hyer.*
 Fannie Hall.
 Minnie Hopkins (Mrs. Dewey), Boston, Mass.
 Charles H. Kerr, A. B., U. W. '81, Publisher, 175 Dearborn St.,
 Chicago, Ill.
 William Lyon, A. B., U. W. '81, Edenvale, Hillsdale, Cal.
 Jennie McMillan (Mrs. John T. Kelley), Milwaukee, Wis.
 Matie Noble.*
 Willard Snell, Clerk, J. E. Moseley, Madison, Wis.
 Howard L. Smith, A. B., U. W. '81, LL. B. '85, Prof. of Law, U. W.
 Hattie Stout, Madison, Wis.
 Frankie Steiner (Mrs. F. Weil), Milwaukee, Wis.
 Jennie M. Williams, Teacher, Third Ward, Madison.
 James Young.*

*Deceased.

CLASS OF 1878.

- Sarah Chambers, B. L., U. W. '82 (Mrs. C. A. Wilkin), Fairplay, Colo.
William Dodds, B. S., U. W. '82, E. P. Allis Co., Milwaukee, Wis.
Lucy Gay, B. L., U. W. '82, Assistant Professor of French, U. W.
William Oakey, Madison.
Wendell Paine,* A. B., U. W. '83.
Walter B. Pearson, Contractor, Chicago, Ill.
Henry Pennock, B. Mech. En., U. W. '83, Real Estate Agent, Omaha, Neb.
Mary E. Storm.

CLASS OF 1879.

- Lillie Beecroft, B. L., U. W. '83, Pratt Institute '94, Athens, Alabama.
Sarah Clark, B. L., U. W. '84 (Mrs. C. W. Cabeen), Syracuse, N. Y.
Rosa Fitch, B. L., U. W. '84 (Mrs. Albert Briggs), Madison.
Jennie Lovejoy.*
Alice Lamb, B. L., U. W. '84 (Mrs. M. Updegraff), Washington, D. C.
Julia Ray, B. L., U. W. '84 (Mrs. Jordan), Morris, Ill.
August Umbriet, U. W. '83, Assistant District Attorney, Milwaukee.
Mary Wright (Mrs. Oakey).

CLASS OF 1880.

- Clara D. Baker, A. B., U. W. '84 (Mrs. W. H. Flett), Merrill.
Agnes Butler (Mrs. B. W. Snow), Madison.
Mary L. Byrne (Mrs. C. S. Slichter), Madison.
Julius Burdick, Madison.
Rose Case (Mrs. Howard Wells), Chicago.
Theresa C. Cosgrove, Teacher, Fourth Ward, Madison.
McClellan Dodge, B. C. E., U. W. '84, Civil Engineer, Eau Claire.
Louisa Davids, Sanborn, Iowa.
Annie H. Durrie (Mrs. T. A. Goodwin), Helena, Montana.
Clarissa Gano (Mrs. Robert Lipsey), Normal Park, Ill.
Josephine Hausmann, Madison.
Fannie Langford (Mrs. L. B. Ring), Woodland Court, Milwaukee.
Flora Mears, Madison.

*Deceased.

James J. Morgan, Chicago Medical College, '88, Physician, Chicago.

Harry L. Moseley, A. B., U. W. '84, L. L. B. '87, Madison.

Kate McGill, Teacher, Madison.

Kitty Moody (Mrs. Geo. Fish), Greeley, Colo.

Emily Prescott, Nebraska.

Nellie Phillips.

Flora Pollard (Mrs. C. J. Batten), Chicago.

Lucy Smith, 625 N. Lincoln St., Chicago.

Nettie Smith, 625 N. Lincoln St., Chicago.

CLASS OF 1881.

Fredericka Bodenstein (Mrs. Julia Knetro), Madison.

Helen Bjornson (Mrs. Swenson), Madison.

Grace Clarke, B. L., U. W. '85 (Mrs. F. K. Conover), Madison.

Rosa Dengler, Teacher, Madison.

Fanny Ellsworth, B. L., U. W. '95, Madison.

Daisy Greenbank (Mrs. F. W. Dunstan), Ashland.

Robert Hendricks.*

Lucy Herfurth (Mrs. C. N. Harrison), Madison.

Alice Lindstrom, Madison.

Lizzie McMillan.*

Mary E. Oakey.

Jessie Partridge.*

Emma Smith, Nebraska.

CLASS OF 1882.

Elmer Coombs, Clinton, Wis.

Elizabeth Cutler.*

Mary Connor, Token Creek, Wis.

Lillie Clement.

Kate Devine.*

Lelia Dow, Artist, Madison.

Mary L. Edgar, Prin. First Ward, Madison.

Minnie Gill, Madison.

Elizabeth Heney, in a Convent, Chicago.

Jessie R. Lewis (Mrs. Lloyd Skinner), Madison.

Maggie Robb, San Francisco, Cal.

*Deceased.

CLASS OF 1883.

Louisa Ambrecht, Madison.
Daisy Beecroft, Madison.
Frankie Brooks (Mrs. Plummer), St. Paul, Minn.
Eleanor Crowley.
Emma Deards (Mrs. Sutherland), Syene, Wis.
Mary Farley.
Fannie Gay (Mrs. Chas. W. Lomas), Ft. Howard, Wis.
Emma G. Hyland, Teacher, Madison.
Nellie Jewett (Mrs. McWhinney), Chicago.
Libbie Klusmann, Proof-reader, State Journal.
Etta Patterson* (Mrs. A. J. Klumb).
William Rosenstengel, Electrician, Buffalo, N. Y.
Albert Rundie, L. L. B., U. W. '90, Chicago, Ill.

CLASS OF 1884.

Inger Conradson, Teacher, Brooklyn.
Julia Dahlberg, Teacher, Milwaukee.
Annie Hauk (Mrs. John Mader), Madison.
Ida Herfurth, Stenographer, Clerk, Agricultural Dept., U. W.
Sophie M. Lewis (Mrs. H. E. Briggs), Madison, Wis.
Addie Lindley (Mrs. Reid), Merrill, Wis.
Alice Rodermund.*

CLASS OF 1885.

Lillie D. Baker, A. B., U. W. '89 (Mrs. E. N. Warner), Madison.
Olive E. Baker, B. L., U. W. '91 (Mrs. John Beffel), Chicago.
Sophy S. Goodwin, B. L., U. W. '89, Madison.
Alice Goldenberger, B. L., U. W. '91, Madison.
Jennie A. Jones (Mrs. E. Derge), Emporia, Kansas.
Delia A. Kelly, Madison.
James B. Kerr, A. B., U. W. '89, L. L. B. '92, St. Paul, Minn.
Anna A. Nunns, A. B., U. W. '89, Historical Library, Madison.
Blanche L. Rider (Mrs. William Harrington), Madison.
Lenore L. Totto, Milwaukee.
Sue G. Tullis, B. L., U. W. '89, Teacher H. S., Madison.

CLASS OF 1886.

William Anderson.*
Kittie M. Bruce.

*Deceased.

Robert C. Burdick, Madison.
 Eldon J. Cassody, A. B., U. W. '90, L. L. B. '92, Chicago.
 Mary F. Carpenter, Madison, Wis.
 Nora Culligan, Teacher, Madison.
 Emma L. Dowling, Madison.
 Margaret A. Foren, Teacher, Fifth Ward, Madison.
 Lelia M. Gile (Mrs. Liebenberg), Platfeville.
 Rollin C. Hill, Madison.
 Frances A. Kleinpell, B. L., U. W. '90 (Mrs. C. W. Burr), Lancaster, Wis.
 Grace A. Lamb, B. L., U. W. '91 (Mrs. J. J. Schindler), St. Paul, Minn.
 Charles M. Mayers, Insurance Agent, Madison.
 Ben C. Parkinson, A. B., U. W. '90, Law '94, Hardwood, Mich.
 Henry G. Parkinson, U. W. '90, L. L. B. '94, Teacher, Darlington.
 Florence M. Smith (Mrs. A. M. Story), Hillsborough, N. Mex.
 Otillia Stein (Mrs. P. H. Brodesser), Milwaukee.
 Anna E. Tarnutzer, B. S., U. W. '95 (Mrs. A. J. Arn), New Lisbon.
 Zilpha M. Vernon, B. L., U. W. '90 (Mrs. Grant Showerman), Madison.

CLASS OF 1887.

Frederick Wm. Adamson, B. S., U. W. '91, Chicago Med. Col. '94. Madison.
 Andrews Allen, B. C. E., U. W. '91, Wellington Bridge Works, Chicago.
 Florence E. Baker, A. B., U. W. '91, Historical Library, Madison.
 Lewis A. Bender, Oconomowoc.
 Augusta J. Bodenstein (Mrs. Paul Findlay), Madison.
 Bessie Cox, Madison.
 Fayette Durlin, Madison.
 Charles A. Dickson, B. L., U. W. '91, Lawyer, Sioux City, Iowa.
 John F. Donovan, L. L. B., U. W. Law '94, Lawyer, Milwaukee.
 Thomas K. Erdahl.
 William F. Ellsworth, Chicago.
 Sarah E. Gallagher (Mrs. Nidlinger), Chicago, Ill.
 Elizabeth M. Henwood, Madison.
 Marion T. Janeck (Mrs. Richter), A. B., U. W. '91, Madison.
 Carl A. Johnson, B. Mech. En., U. W. '91, Mech. Eng., Madison.
 Daisy D. Lindlay (Mrs. James Goldworthy), Prescott.
 Bertha M. Mayer (Mrs. G. H. Breitenbach), Madison.
 Oscar F. Minch, B. Mech. E., U. W. '93, Miller, Paoli.
 Rose M. Minch, Madison.

Arthur F. Oakey, B. L., U. W. '91, Osceola Mills.
 Paul S. Richards, Yale '92, Lawyer, New York.
 Ella May Sanborn (Mrs. Robert Kyle), A. B., U. W. '91, Tomah.
 Carrie M. Smith (Mrs. Williamson), Madison.
 George G. Thorp, B. Mech. Eng., U. W. '91, Superintendent Iron
 and Steel Works, Pittsburg, Pa.
 Elsbeth Veerhusen, A. B., U. W. '91, Instructor, U. W., Madison.
 Helen L. Winter, Teacher, Madison.
 Calvin Z. Wise, Madison.

CLASS OF 1888.

Carletta Anderson (Mrs. Peter Vedel), Aarhus, Denmark.
 Annie Brewer (Mrs. J. H. Findorff), Madison.
 Mabel Fleming, Milwaukee.
 Henrietta Kleinpell, Teacher, Chicago.
 Samuel Lamont.
 Henry H. Morgan, L. L. B., U. W. '93, Lawyer, Madison.
 John H. McNaught, C. E., Milwaukee.
 Samuel Piper, B. S., U. W. '92, with Piper Bros., Madison.
 Helen G. Thorp (Mrs. John Nicholson), U. W. '92, Pittsburg, Pa.

CLASS OF 1889.

Mary B. Baker (Mrs. F. W. Adamson), Madison.
 Martha S. Baker, B. L., U. W. '93 (Mrs. Charles Barnes), San
 Diego, Cal.
 Frances M. Bowen, B. L., U. W. '93 (Mrs. Jesse Sarles), Baraboo.
 Catherine M. Brown, B. L., U. W. '95 (Mrs. Morton), Milwaukee.
 Theresa M. Byrne.
 Bertha Cassoday (Mrs. C. A. Johnson), Madison.
 Wilfred E. Chase, Madison.
 Biondella R. Clark, Teacher, Cambridge.
 Margaret A. Cunningham.*
 Lucius H. Davidson, Madison.
 Ella Davis, B. L., U. W. '93 (Mrs. Alva S. Goodyear), Tomah.
 Elizabeth Donoughue (Mrs. Oakey), Madison.
 Myrtle H. Dow (Mrs. Perry Wearne), Fairspier, Totteridge, Eng-
 land.
 Charles H. Doyon, B. L., U. W. '93, Doyon, N. D.
 Fred R. Estes, B. L., U. W. '93.
 Julia K. Fisher, Paoli.
 William Fitch, Madison.

*Deceased.

George Edward Gernon, U. W. '99, Madison.
Alice E. Hawkins, Madison.
Hannah Herfurth (Mrs. Murray), Madison.
Sabena Herfurth, B. L., U. W. '93, Assistant in German U. W.,
Madison.
Robert E. Jonas.*
Minnie Lueckeman, Madison.
Mary H. Main, Madison.
Helen L. Mayer, B. L., U. W. '93 (Mrs. Harry Hunt), Tucson,
Ariz.
Mary L. Murray, B. L., U. W. '93, Art Institute, Chicago, Ill.
Emma A. Nelson (Mrs. Oyen), La Crosse, Wis.
Anna I. Oakey, B. L., U. W. '93, Teacher.
Grace V. Reynolds, Madison.
Louis D. Sumner, B. L., U. W. '93, B. S. in Pharmacy '94, Drug-
gist, Madison.
Emma Sitterly, Teacher, Madison.
Mary E. Smith, B. A., U. W. '93, Stenographer, Madison.
William E. Swain, Madison.
Charles Thuringer, B. C. E., U. W. '93, Milwaukee, Wis.
Amy R. Young, Madison.

CLASS OF 1890.

William W. Allen,* B. A., U. W. '94, L. L. B. '96.
Lizzie Armstrong, Madison.
May Belle Bryant, Teacher, near Madison.
Mary A. Cramer, B. L., U. W. '97, Madison.
Charles Davison, Lawyer, Beaver Dam.
Elizabeth Foran, Madison.
Theodore Herfurth, Insurance Agent, Madison.
Grace L. Hopkins, B. L., U. W. '94 (Mrs. Harry Kellogg), Mil-
waukee.
Mary A. Kelly, Teacher, Milwaukee.
Helen J. Kellogg, B. L., U. W. '94, Madison.
Louise Kingsley (Mrs. Parke), Lodi, Wis.
Irma M. Kleinpell, B. L., U. W. '94, Teacher H. S., Madison.
Walter Kleinpell, Chicago.
Cornelius Knudson, Bookkeeper, Madison.
Dena Lindley, B. L., U. W. '94, Teacher, Merrill.
Stephen A. Madigan, B. L., U. W. '94.
William C. McNaught, Madison.

*Deceased.

- Thomas Nelson, B. L., U. W. '94, L. L. B. '96, Madison.
Washington Oakey.
Susie P. Regan, B. L., U. W. '94 (Mrs. J. A. Pratt), Prairie du
Chien.
Rudolph R. Rosenstengel, B. L., U. W. '94, Electrical Engineer,
Milwaukee.
Sidney R. Sheldon, U. W. '94, Professor La Fayette College,
Easton, Penn.
Eugene A. Smith, M. D., Waupun, Wis.
Alice Stephenson, B. L., U. W. '94, Teacher, Osceola, Wis.
Charles H. Tenney, L. L. B., U. W. '96, Madison.
Frank A. Vaughn, Electrical Engineer, B. S., U. W. '95.
A. Cleaver Wilkinson, Chicago.
Caroline M. Young, B. L., U. W., Teacher, H. S., Madison.

CLASS OF 1891.

- Jannette Atwood, Teacher, Milwaukee.
Alice Armstrong, Madison.
Wilbur S. Ball, B. A., U. W. '95, Lawyer, New York.
Louise M. Bauman, Milwaukee.
Eleanor Boehmer, Teacher, near Madison.
Jessie Carnon (Mrs. Meyer), Madison.
Lucy Cosgrove (Mrs. James Reily), Fond du Lac.
Harry M. Curtis, Madison.
Josie Deming (Mrs. Hillyer), Floyd, Iowa.
Frances E. Doyle (Mrs. Joseph Schubert), Madison.
Janette H. Doyon (Mrs. E. S. Main), Chicago.
Geo. Herbert Greenbank, Madison.
Anna C. Griffiths, B. A., U. W. '95, Madison.
Caroline M. Hauk (Mrs. John Becker), Madison, Wis.
Ida E. Helm (Mrs. Dr. Hart), Madison.
Lucy S. Jones, Minneapolis, Minn.
Geo. A. Kingsley, B. A., U. W. '95, L. L. B. '97, Milwaukee.
Helen I. Lancaster (Mrs. John Wright), Milwaukee.
Vroman Mason, B. L., U. W. '95, L. L. B. '99, Lawyer, Madison.
Sarah McConnell (Mrs. Ball), Marinette, Wis.
Lydia E. Minch (Mrs. J. M. O'Brien), Oregon.
Robert C. Montgomery, Hahnemann College '94, M. D., Madison.
Oscar Felson, Chicago.
Jennie O'Connell, Bookkeeper, Madison.
Harry Potter, L. L. B., U. W. '96, Madison.

*Deceased.

Catherine Regan, B. L., U. W. '01, Teacher, Jefferson.
 Martha Scheibel, B. L., U. W. '95 (Mrs. Nat. Crampton), Madison.
 Jessie Shephard, B. B., U. W. '95, Teacher, Escanaba, Mich.
 Isabel Smith.
 Maud C. Smith (Mrs. Theodore Herfurth), Milwaukee.
 Halbert Steensland, B. S., U. W. '95, Johns Hopkins University '99,
 Professor Syracuse U.
 John J. Suhr, L. L. B., U. W. '96, German-American Bank, Madison.
 Mary J. Thorp, B. L., U. W. '96, Madison.
 Florence E. Vernon, B. L., U. W. '95, Boston School of Oratory '02.
 Fannie Walbridge, U. W. '95.
 Herman Winter, B. L., '95, L. L. B. '97, Madison.

CLASS OF 1892.

David Atwood, Journalist, Janesville.
 Henrietta Dorothy Billings (Mrs. Louis Holmes), Chicago.
 Maud Merrill Bixby, Milwaukee.
 Caro Louise Bucey (Mrs. James M. Stevens), B. L., U. W. '96.
 Herbert Brigham Copeland.
 Mary Lois Catlin.
 Emily H. Detloff, Madison.
 Florence L. Drinker, Portage.
 Charlotte Brockway Freeman, B. A., U. W. '96, Madison.
 Durante Carlyle Gile, B. A., U. W. '96, Teacher, Marshfield.
 Sadie Ellen Gallagher, B. L., U. W. '97, Teacher, Madison.
 James A. Higgins, Mail Carrier, Madison.
 Rolland Frederick Hastreiter, B. S., U. W. '97, Johns Hopkins '01,
 M. D., Milwaukee.
 Annie Marie Keeley (Mrs. James Lawler), Fitchburg.
 Charles Kenneth Leith, B. S., U. W. '97, Ph. D. '01, Asst. Prof.
 U. W.
 Michael E. Lynch, Madison.
 Rachel Catherine McGovern (Mrs. Geo W. Markham), St. Paul.
 Fred H. Morrell, Milwaukee.
 Augusta M. Nichols, B. L., U. W. '96 (Mrs. Irwin MacNichol),
 Merrill, Wis.
 Annie Marie Pitman, A. B., U. W. '97, Instructor U. W.
 Stella Grace Peirce, Bookkeeper, Chicago.
 Louis D. Rowell, B. S., U. W. '01, Scholar in Engineering.
 John Charles Regan, Chicago.
 Walter Hodge Sheldon, B. A., U. W. '96, M. D. Madison.
 Janette Catherine Smith, Milliner, Madison.

Carrie F. Smith, Chicago.
 Alma R. Sidell.
 Eugene Sullivan, M. D., Chicago, Ill.
 Martha Florence Torgerson, B. L., U. W. '95, Teacher, Sturgeon Bay.
 Margarette Urdahl, U. W. '96, Ph. D., Bryn Mawr '93.
 George P. Walker, Madison.
 Iva Alice Welch, B. L., U. W. '96, Historical Library, Madison.
 Bessie Wilson (Mrs. Victor Kaepfel), Los Angeles, Cal.
 Addiemay Wootton, B. L., U. W. '96 (Mrs. Ladd), Madison.
 Albert O. Wright, Jr., Teacher, Green Bay Reformatory.

CLASS OF 1893.

John Armstrong.*
 Augusta Atwood.
 Clarissa A. Cook (Mrs. S. W. Todd), Milwaukee.
 Kate M. Corscot, B. L., U. W. '98, Madison.
 Clara Comstock.
 Joseph M. Cantwell,* U. W. '97.
 Bertrand H. Doyon, U. W. '98, Lumber Merchant, Madison.
 Victoria Fish (Mrs. Glenn H. Williams), Bruce, Wis.
 Bertha R. Frautschi, Stenographer, Madison.
 Bessie Gernon (Mrs. Horace Manning), London, England.
 Edith Green (Mrs. Leslie Fletcher), Sioux Falls, S. D.
 Iva Goodwin (Mrs. Smithyman), Milwaukee.
 Mame E. Griffiths, Bookkeeper, Piper Bros., Madison.
 Annie Habich, Teacher, near McFarland.
 Ella Heiliger, Teacher, Madison.
 Isabel M. Holt, Madison.
 Benjamin A. Herrick, Dentist.
 Carl Jefferson, L. L. B., U. W. '96, Chicago.
 Alice Kerwin, Teacher.
 George Meyer.*
 Minnie Mayers (Mrs. Kenneth Lieth), Madison.
 Mary Myrtle Miller, Wilmington, Del.
 Minnie A. Olson (Mrs. Gufixon), Chicago, Ill.
 Eliza A. Pollard, U. W. '99, Madison.
 Martha E. Pound, Madison.
 Joseph M. Purcell, Clerk, Madison.
 James Patterson, Hahnemann Medical College, 1900.
 Charlotte E. Pengra, B. S., U. W. '97; Ph. D. U. W. '01, Teacher, Elgin, Ill.

* Deceased.

Maud Parkinson, A. C., U. W. '98, Teacher, Madison.
Eve Parkinson, A. C., U. W. '98, Historical Library, Madison.
George Riley, Insurance, Madison.
Frank Riley, Boston, Mass.
Charles Riley, L. L. B., U. W. '96, Attorney, Madison.
Ernest B. Smith, B. L., U. W. '97, Madison.
Catherine Steinle, Madison.
Alma Stock, U. W. '99, Teacher, Madison.
Emma Schermerhorn, Madison.
Nina Adna Smith.*
Amanda Wallace.*
Julia Wilkinson, Clerk, Madison.
David Wright, Jr., Gisholt Machine Co.

CLASS OF 1894.

Earle Anderson, U. W. Law, '99, Stoughton, Wis.
May Bennett* (Mrs. Jesse Edgren).
Frances Billings, Milwaukee.
Helen Copp (Mrs. Wright), Trained Nurse, Chicago.
Elmore Elver, L. L. B., U. W. '01, Attorney, Madison.
Jesse Edgren, U. W. '99, Law, Milwaukee, Wis.
Gertina Erickson, Teacher, South Dakota.
Mary Freeman, U. W. '98, M. C., Madison.
Florence Gage, U. W. '98, Pharmacy '99, G. S.
John Gregg, U. W. Law, '98, Milwaukee.
Grace Greenbank, U. W. '98, M. C., Ashland.
Arlene Grover, B. L., U. W. '98, Stenographer, Madison.
Maud Gilbert, Madison.
Mabel Lamberson (Mrs. Dr. Sippy), Chicago, Ill.
Clarice Lytle, N. W. Univ. '97, M. C., Teacher, Clintonville, Wis.
Max Mason, U. W. '98, C. H. (Math.).
Jessie Montith, Madison.
Anton Malec, U. W. '98, M. E.
Lillie Moesner, U. W. '98, G. S., Teacher, East Troy.
William Munsell, Madison, Clerk in P. O.
Stuart Sheldon, B. S., U. W. '00, Rush Medical.
August Sauthoff, U. W. '98, G. S., Rush Medical.
Harry Sheasby.
Florence Slightam (Mrs. Frank E. Rotchka), La Fayette, Ind.
Mae Smith.
Harriet Stephenson, U. W. '98, M. C., Madison.

*Deceased.

Edmund Suhr, U. W. '98, C. H., German American Bank, Madison.
 Louise Swenson, Madison.
 Lucy Thompkins, B. L., U. W. '98, Baraboo.
 Sena Troan, Madison.
 Grace Whare, Librarian, Madison.
 May Whare, Madison Gas & Electric Co.
 Augusta Wood (Mrs. Raymond Frasier), Copenhagen, Denmark.
 John Young, U. W. '98, C. H., Madison.

CLASS OF 1895.

Lillian Boehmer (Mrs. Joseph Elger), Calhoun, Wis.
 Bertha Louise Brown (Mrs. John T. Charlton), Seymour, Ind.
 Bertha Josephine Butler.*
 Ralph Milford Benson, Chicago, Ill.
 Emma Maria Bibbs, U. W. Eg. '99, Teacher, Madison.
Raymond Eugene Brown.
 Clay Sumner Berryman, Spokane, Wash.
 Lillie Case, A. C., U. W. '99, Madison.
 Catherine Isabelle Cantwell (Mrs. Charles O'Niell), Madison.
 Matilda Cook, B. L., U. W. '99, Madison.
 William Sylvester Darling, G. S., U. W. '99, P. & S., Milwaukee.
 Albert Ralph Denu, B. L., U. W. '99, U. S. Census Bureau, Washington, D. C.
 Helen Ada Fowler, U. W. '99, M. C., Teacher, Union Grove, Wis.
 William Muzzy Fowler, Sec'y U. W. School of Music.
 Winifred Griffiths, Stenographer, Madison.
 Sibyl Adelaide Gale, Typewriter, Madison.
 Edith Van Slyke Gibson, U. W. '99, M. C., Madison.
 Maurice Ingulf Johnson, U. W. '02, M. E., Madison.
 Frank Xavier Koltes, B. S., U. W. '99, M. D., St. Luke's Hospital, Chicago.
 Florence Josephine Ketchum, B. L., U. W. '01, Madison.
 Minnie Magdalene Lueders, Madison.
 George Nels Lewis, Madison.
 Clara Helen Link, U. W. '99.
 Florence Mina Lanz, Madison.
 Jessie Winifred Martin (Mrs. Allen E. Cowles), Washington, D. C.
 Marie Malec, B. L., U. W. '99 (Mrs. Dr. Ochsner, Telluride, Colo.)

*Deceased.

Nettie Irene McCoy, U. W. '99, Eng.
 Thomas William Mitchell, B. L., U. W. '99.
 Edith Nelson, A. B., U. W. '99, Teacher, H. S., Madison.
 Minnie Irene Nichols, Madison.
 William O'Dwyer, M. D., Madison.
 Mabel Agnes Pengra, U. W. '99, A. C. (Mrs. Paul C. Foster), Chicago, Ill.
 William Fred Paunack, Architect, Vicksburg, Miss.
 Lily Agnes Regan, Madison.
 Annie Howe Regan, Madison.
 Alma Grace Rogers (Mrs. C. N. Putnam), Madison.
 Harry Gray Smith, U. W. '00, C. H.
 Ralph William Stewart, U. W. '99, C. E.
 De Ette Stemple, Madison.
 Fannie Straslipka, Madison.
 Clarence Howard Slightam, M. D., Detroit, Mich.
 Thomas William Tormey, U. W. '99, B. S., M. D., St. Luke's Hospital, Chicago.
 Stephen William Van Wie.
 Carrie Walbridge, Teacher, Sun Prairie.
 Paul Sherman Warner, Madison.
 Florence Maurine Warner, B. S., U. W. '00.
 Fannie Warner, B. S., U. W. '00.
 Minnie Comstock Westover (Mrs. Samuel Chase), B. S., U. W. '99, Madison.
 Allen Orvis White, U. W. '99, M. C.
 Olive Leona Wise* (Mrs. Wright).
 George Bartholomew Whare, B. S., U. W. '00, M. D., Joliet, Ill.

CLASS OF 1896.

Richard Henry Baus, B. S., U. W. '00, Chicago.
 Lisle Victor Benson, Pullman Car Co., Chicago.
 Edward Albert Cook, B. S., U. W. '00, Instructor U. W.
 Nathan Curtis, U. W. '99, L. L. B. '01.
 John William Dryer, B. S., U. W. '00, M. D., St. Luke's Hospital, Chicago.
 Henry Clay Duke, Post Office Register and Money Order Clerk.
 Frank Edward Darling, Jr., B. S., U. W. '00, P. & S., Milwaukee.
 Jessie Esther Davis, B. S., U. W. '01, Teacher, Oconomowoc.
 Emma Josephine Erickson, Madison.
 Caroline Whellam Evans, B. S., U. W. '01, Teacher, Sparta, Wis.
 Millie Gath, Madison.
 Morton Kay Green, Middleton.

John Goodwin, B. L., U. W. '00, Madison.
Violet Gray, Windsor.
Claudia Hall, B. L., U. W. '01 (Mrs. Alonzo Chamberlain), Huron,
S. D.
Jennie Housel, Middleton, Wis.
Harry Hanson, Madison.
John Pettit Kelley, Milwaukee.
Mabel King (Mrs. Nelson), Madison.
Minnie Karstens, Madison.
Ena Kney, Madison.
Ward Lamberson.
John Thomas Stewart Lyle, B. L., U. W. '00, Law, '03, Madison.
Ellen Ware Lamb, Madison.
Lillian Fidelia McCarthy, Madison.
Jean Montieth (Mrs. William Paunack), Vicksburg, Miss.
Walter Bernard Minch, B. S., U. W. '00, Chicago.
Jeanette Maltby, Teacher.
Norman Nelson, B. S., U. W. '00, Johns Hopkins Med. School.
Frank Nichols, Madison.
Edward Earl Parkinson, Accountant, Madison.
Lee Allen Parkinson, Washington, D. C.
Roy Erastus Pierce.
Miriam Keith Reid, B. L., U. W. '00, Madison.
George Edward Schilling, U. S. Army.
Marie Antoinette Schneider, Madison.
Florence Sturm, Madison.
Goldwin Howard Smith, Clerk Groves-Barnes Co., Madison.
Eunice Wallace Welch, B. L., U. W. '00, Teacher.
Addie Wilke, Superior Normal School, '98, Teacher, Ely, Minn.
Paul Gerhard Winter, B. L., U. W. '01, Madison.
Thomas Willett, B. S., U. W. '00.

CLASS OF 1897.

Ida Matilda Anderson, Madison.
Magdalena Ellen Antisdal, Chicago, Ill.
Clara Victoria Bernhard (Mrs. James Slightam), Milwaukee.
Harry Ernest Bradley, A. B., U. W. '01, Madison.
Mary Eleanor Brahany, B. L., U. W. '01, Teacher, Grand Rapids,
Wis.
Mary Fidelia Carroll, Co-operative Association.
Archy B. Carter, U. W.

*Deceased.

Frank Draper Coyle, Teacher, near Madison.
James Joseph Connell.
Margaret Elizabeth Cummings, B. L., '01.
Dorothea Curtis, A. B., U. W. '01, Madison.
Joseph Dean, Jr., M. D., Cook County Hospital, Chicago.
Augustus Theodore Martin Elver.
Thomas Olen Farness, Madison.
John Boggs Felker, U. M. Medical Student.
Flora Gilbert, Madison.
Emma Luella Gohlke (Mrs. Chas. H. Blanchar), Windsor.
Mary Lena Hessman, Madison.
Irving Raymond Hippenmeyer, U. W., M. E.
Clarence Charles Isaacs, Madison.
Katherine Kavanaugh, B. L., U. W. '01, Teacher, Milwaukee.
Mabel Elizabeth Kentzler (Mrs. W. S. Hanson), Oklahoma City,
O. T.
William Arthur Lee, U. W., C. H. '02.
Arthur Warner Lewis, U. W., G. S. Sp.
Mary Josephine Link.
John August Lorch, U. W., C. E.
Mary Katherine Lynch, Operator Democrat Printing Office, Madison.
Mary Sheldon Morrison, Teacher, Morrisonville.
Archie Murray, Chicago, Ill.
Carl Bertollette Mutchler, Civil Engineer, Milwaukee.
Mark Humphrey Newman, A. B., U. W. '01.
Ingewald Nelson, Clerk P. O., Madison.
Francis M. Nienaber, Madison.
Amy Huntley Nichols.
Thomas Mortimer Priestley, B. L., U. W. '01.
Louis Mossop Pearson, Rush Medical.
August Herman Pfund, B. S., U. W. '01.
August Oscar Paunack, Teller, Bank of Wisconsin, Madison.
Howard David Piper, Clerk, Piper Bros., Madison.
Edward John Reynolds, Law Student U. W.
June Elizabeth Regan, Madison.
Lillian Alison Redel, Stenographer, Madison.
Warren Du Pre Smith, U. W. '02.
Julia Forster Smith, A. B., U. W. '01, Teacher, Monroe.
Rose Marie Smith.*
Arthur Frank Smith, B. S., U. W. '01.
Otto Carl Schmedeman, Dentist, Madison.
Mena Swenson, Copyist, Madison.
Percy Wheeler Tracy, Madison.

Lyndon Hickok Tracy, A. B., U. W. '01, Teacher, Blees Military Academy, Macon, Mo.
Evan Charles Thomas.
Albert Nichols Tandvig, Graduate in Pharmacy, U. W. '00, Madison.
Minnie May Utter, Madison.
Katherine Porter Vilas, Madison.
John Martin Verberkmoes, B. S., U. W. '01.
Eva Willett, Milwaukee Normal School, '99.
Helen Ernestine Wilke, Teacher, Fort Atkinson.
Bessie Frances Warren, Madison.

CLASS OF 1898.

Meltha Edith Andrus (Mrs. Orlando Cleveland), Pine Bluff.
Emma Lillian Bucey, Stenographer, Madison.
Augusta Billings, Cobb, Wis.
Floy Idella Bowers.
Maude Annette Benson, Chicago.
Catherine Meyers Cook, Madison.
Millicent May Coombs.*
Arthur Hale Curtis, U. W. '02, G. S., Rush Medical.
John Ward Coon, U. W. '02, Eng.
Clarence Arthur Comstock, Gisholt Co., Madison.
Charles William Chech, U. W. Sophomore, Pharmacy.
Mary Elizabeth Cunneen.
Lucius Donkle, M. D., Chicago.
Frederick Abraham DeLay, U. W. '02, E. E.
Elizabeth Regina Dunn, Stenographer, Madison.
Magdalen Evans, Madison.
Henry Belden Freeman.*
Bessie Carolynn Ferguson, U. W. '02, Eng.
Iva Lulu Gilbert, U. W. '02, Eng., Teacher, Fountain City.
Floyd Colby Gurnee, Madison.
Mary Elizabeth Gay.
Ada Lovisa Hawley,* U. W. '02, G. S.
Ena Henrietta Heuer, Stenographer, M. H. School.
Edna Platte Huber, Fort Worth, Texas.
Lillian Solvei Holland, Moscow.
Julia Christine Holland.
Gordon Alexander Helmicks, U. W. '02, E. E.
Daisy Etta Hansen, U. W. School of Music, '03.

*Deceased.

Maie Habich.

Joseph William Jackson, Stroud, S. D.

Mida Louise Kennedy, U. W. '02, Eng.

Margaret Kennedy, U. W. '02, Eng.

Anna Lewis, Stenographer, Madison.

Mathew John Lynch, Chicago Univ.

Charles Benajah Mayer, Boston Polytechnic School.

Karl Arno Minch, Clerk, Madison.

Louis Malec, U. W. '02, M. E.

Nora McCue, U. W. '02, C. H.

Selma Josephine Nelson, Madison.

Florence Eugenia Van Slyke Nelson, U. W. '03.

Herman Adolph Nietert, Clerk, Madison.

Edith Noyes.

Arthur Carl Olsen, U. W. '02, C. E., Milwaukee.

Andrew Elmer Peirce, St. Paul, Minn.

Preston Winfield Pengra, U. W. '02, E. E., Edison Electric Co.,
Chicago.

Marcia Grace Regan, Madison.

Philip Walker Rinder, Clerk, Madison.

George Roslyn Theobald Richards, Dentist.

Harry Sauthoff, U. W. '02, C. H., Teacher, Lake Geneva, Wis.

William Edward Smith, U. W. '02, C. H.

Clarence Hazel Snyder, Racine.

Maud Martha Stephenson, U. W. '02, M. C.

Sanford Putnam Starks, U. W. '02, M. E., Graduate Student, Cor-
nell University.

George Brewster Smith, U. S. Army.

Mabel May Slightam, Stenographer, Standard Tel. Co., Madison.

Bertha Beatrice Suhr (Mrs. William Hobbins), Madison.

Charles Marshall Stevens.

Elizabeth Goffe Ticknor, U. W.

Ella Frances Tormey, U. W. '02, M. C., Teacher, Lodi, Wis.

Frank Bashford Taylor, Madison.

Clara Johnson Van Velzer, U. W. '02, M. C.

Hattie Bertha Wilke, Stenographer, Madison.

Joseph Michael Welch, M. D., Milwaukee.

Stanley Carpenter Welsh, Dentist, Madison.

*Deceased.

CLASS OF 1899.

Andrew Theodore Anderson.
Benjamin Cullen Adams, U. W. '03, E. E.
James Arthur Adamson, U. W., Engineer.
Edward Grant Birge, U. W. '03, G. S.
Amanda Elsa Bodenius, U. W., English Sp.
Alice Marie Brandel, Oshkosh.
Ina Lemanda Butler, Madison.
Irma Joanna Baus, Madison.
Bryangel Cornell Berg, 1st National Bank, Madison.
Mabel Josephine Bradley, U. W., M. C. Sp.
Francis Augustus Bradford, U. W. Engineering Student.
Walter William Brown, Madison.
Grace Marie Bradley, U. W. '03, Eng.
Frederick Arthur Chamberlain, U. W., E. E.
Matthew Francis Conlin, U. W. Junior Law.
Glen Cooper Corlie, Northern Electric Co., New York, N. Y.
John Seabury Dean, U. W., '03, M. E., New York, N. Y.
Thomas Aquinas Donovan, Madison.
Helen Dixon, Madison.
Harry Harrison Dodd, Express Clerk, Madison.
Llewellyn Rhys Davies, Madison.
Verona Henritta Friederick (Mrs. J. H. Stauff), De Forest.
Edwin Gilbert Farness, Clerk, Madison.
Lucinda Elizabeth Flemming, Kindergartner, Madison.
Anna Barbara Fischer, Fitchburg.
James Moseley Gilman, U. W., C. E.
Grace Gilbert, Madison.
Robert Oliver Gibbons, U. W. '03, Eng.
Caroline Eleanor Gallagher.
Ethel Sumner Hatch, Teacher, Mt. Horeb.
Edward Everett Hatch, Stenographer, Mauston.
George Julius Heuer, U. W. '03, G. S.
Florence Harrington, Madison.
Frederick William Hansen, U. W. '03, E. E.
Mary Katherine Hobbins, Madison.
Frederick William Huels, U. W. '03, E. E.
Maud Huntley.
William John Haganah, U. W. '03, Eng.
Clarence Scott Hean, Historical Library.
Matthew Joseph Hoven, Jr., Madison.
Hattie Dean Jewett, Madison.
Oscar August Kampen, Merchant, Morrisonville.

Anna Belle King, U. W. '03, Eng.
Anna Maud Lorigan.
Lena Gurine Lewis (Mrs. Leo Steinle).
John Webster Langley.
Leora Lloyd Moore, Chicago.
John Ignatius Malec, Clerk, Madison.
Lora Emma Morley, Kindergartner, Viroqua.
Harry Kenneth Mackay, Bookkeeper Pollard & Taber Co., Madison.
Clara Edna Nelson, Madison.
Ruth Newman, Teacher, Brodhead, Wis.
Nora Louisa Olsen.*
Harry Emil Olsen, Luther College, Decorah, Iowa.
Lottie May Ogilvie, Teacher, McFarland.
Gerald O'Callaghan.
Jessie Ellen Perry, Milwaukee.
Ruth Mary Phillips, U. W., M. C.
Katherine Regina Purcell.
Amelia France Pyre, U. W. '03, M. C.
Francis Welcome Pitman.
Minora Quammen, Madison.
Madina Thea Redel, Baraboo.
Salena Marguerite Reidy, U. W. '03, M. C.
Amy Frances Regan, Stenographer, Madison.
William Bacon Roys, Princeton University, '03, Madison.
Bertie M. Roybar, Teacher, Spencer, Ia., High School.
Eugene Warren Roberts, Albany.
Carolyn Stemple, Madison.
May Lillian Savage, U. W. '03, A. C.
John Lucien Savage, U. W. '03, C. E.
Angus Cameron Sykes.
Belle Salter, ———— U. W. '03, Eng.
Rose Marie Toepfer, Madison.
Bessie Clair Tucker.
Grace Alberta Tyner, Indianapolis, Ind.
Edward Henry Toelner, Madison.
Hannah Regina Wilkinson, Bookkeeper, Madison.
Elizabeth Frances Wilkinson, Bookkeeper, Madison.
Mignon Wright, U. W. '03, M. C.
David Plumly Wheeler, Dentist, Madison.

*Deceased.

CLASS OF 1900.

Frank Adams, Chicago Dental College, Chicago.
William Alfred Anderson, Student, U. W., C. H.
Louis Martin Anderson, Teacher.
Amelia Alice Askew, Student, U. W., M. C.
Herbert Roderick Bird, Jr.
James Augustus Brown, U. W., Engineering.
Iva Brown, Kindergartner, Madison.
Eyvind Bull, U. W., Engineering School.
Sarah Cassandra Bucey, Everett, Washington.
John Patrick Butler.
Frances May Baker, U. W., English.
Herbert Edgar Chynoweth, U. W., S. C.
John Charles Corscot, Madison.
Fred Robert Cummings, U. W., S. C.
Richard Cone Dudgeon, U. W., S. C.
Elsie Duerr, Stenographer, Madison.
Myrtle Ella Downing (Mrs. David Wheeler), Madison.
John Raphael Doris, Madison.
Margaret Estelle Duffy.
Wanda May Dudgeon, U. W., English.
Morris Fuller Fox, U. W., S. C.
Carl Alfred Field, U. W., S. C.
William Edward Henry Grove, U. W., C. H.
Minna Evangeline Gath, U. W., A. C.
Hildagard Christine Grinde, Madison.
Agnes Josephine Gunkel.
Regina Eunice Groves, U. W., M. C. Sp.
James Russell Hobbins, Insurance Agt., Madison.
Edwin Wardell Hurst.
Petronilla Rachel Heim, Madison.
Harry Loomis Hatton.
Arthur Udelmar Hall, Madison.
Carrie Belle Louise Huggins, U. W., English.
Frederick LeRoy Joachim, Madison.
Hattie Kuhns, U. W., A. C.
Frances Eleanor Kayser, Madison.
James Eugene Kennedy.
Elizabeth Frances Kessenich.
Jennie Irene Kelly.
Charles Albert Lyman, U. W., C. H.
Bertha Lewiston, Stenographer, Madison.
John Lynch, Madison.

Daisy Eliza Lorigan, U. W., M. C.
Mary Jane Lucas, Teacher, Mendota.
Clara Alice Lea, U. W., M. C.
Stephen James Leahy, U. W. Law School.
Norman Rimes Lockwood, Street Car Conductor, Madison.
Grace Marie Miller, U. W., C. H.
Ruth Miner, U. W., Eng. Sp.
Fannie Malec.
Roy Irving Murray, Hobart Coll., Geneva, N. Y.
Zadock Merrill, Jr., U. W., Engineering.
Kate Mutchler, U. W., M. C.
Sarah Roxey McKay, U. W., M. C.
Olaf Molvin Nelson, Madison.
Otto Louis Prien, U. W., Agriculture Course.
Elizabeth Malinda Pyre, N. W., M. C.
Gertrude Amelia Parr.
Ruby Ethel Peck, Madison.
Delia Idell Pengra, U. W.
George Gilbert Post, U. W., Engineering.
Leslie W. Quirk.
Ina Josephine Reid, Waukesha.
Elsie Alada Reid, Waukesha.
John Augustine Regan, Milwaukee Dental College.
Alma Runge.
Minnie May Rimsnider, Teacher, Madison.
Sarah Janette Sween.
Lone Willa Samuels, Madison.
William Earle Schreiber, U. W., G. S.
Edward Penn Smith, Lawrence University.
Walter Henry Thom, U. W., S. C.
Ethel Caroline Upham.
William Albert Van Deusen, Madison.
Ada Mary Welsh, U. W., A. C.
Harry Garfield Wilbur, Business College, Madison.
John Leslie Woodward, U. W., Ag. Short Course.
Florence Woodward, Madison.
Sybil McBride Woodward, Madison.
Horatio Gates Winslow, U. W.

CLASS OF 1901.

Elizabeth Abaly, U. W., M. C.
Chauncey Abbott, Jr., U. W., C. H.
Mabel Adams, U. W., English Sp.
Katharyn Elizabeth Brahany, U. W., C. H.

George Stanley Barber, U. W., G. S.
Edith Adelia Buell.
Josephine Louise Bach, U. W., M. C.
Archie Berton Braley, U. W., S. C.
Charles August Breitenstein.
Kate Agnes Billington.
Cora Ethel Bissell, Madison.
Forbes B. Cronk, U. W., Engineering.
Grace Servatia Cantwell, U. W., M. C. Sp.
Barbara Hillon Curtis, U. W., C. H., Sp.
Lulu Edith Cass.
Frank Matthew Conlin, U. W., G. S.
Leo Marshall Cook, U. W., S. C.
John Thomas Cummings, Madison.
Frederick Albertus Collman, U. W., S. C.
Jessie Morrell Coombs (Mrs. Paul Harloff), Madison.
Albert Briggs Dean, U. W., S. C.
Arthur Cecil Deming.
George Lewis De Lacy.
Margaret Monica Donovan, Madison.
John Eckley Daniells, U. W., M. C.
Willard Richard Denu.
Earl Harvey Darling, U. W., G. S.
Richard Ely, U. W.
Martha Marion Fay, U. W., M. C.
John Alfred Froehlich, U. W., G. S. Sp.
Eugene Fuller, U. W., Engineering.
Adelaide Elfrida Griffiths, U. W., M. C.
Ernest Albert George Guenther, Business Coll., Madison.
Alice Cary Gallagher, Madison.
Edna Lucretia Harrison, U. W., G. S.
Frank Hall Hinrichs, U. W., G. S.
Arnon Taylor Henry.
Rob Roy Hiestand, Madison.
Edward John Hammar, U. W., English.
Alice Harrington, Madison.
Joseph Ignatius Hyland.
Marietta Holt.
Hazel Isaacs, Madison.
Una Lone Johnson, U. W., English.
Gwindolyn Gaynor Jones, U. W., English.
Marion Burr Jones, U. W., M. C.
Max Werner King, U. W., Engineering.
Otilie Louise Kirst.

Alva Ketchum, U. W., S. C.
Olive Carmen Lawson.
Charles August Robert Leatzow.
Augusta Christine Lorch, U. W., M. C.
Annie Minetta Littlewood, Stenographer, Northern Elec. Co.
Fred Viall Larkin, U. W., Engineering.
Emmett Gregory Lyons, U. W., Engineering.
Elizabeth Marie Lynch.
Ruthe Erema Lyon, U. W., G. S.
Cora Miriam Norsman, U. W., M. C.
Reuben Julius Neckerman, U. W., S. C.
Harry Marimies Olsen, U. W., Engineering.
Claire Parsons, Stenographer, Madison.
Marshall Hylon Pingra, U. W., English.
Carl Frederick Pfund, U. W., C. H.
Edith Post.
Clandren Purtell, U. W., G. S. Sp.
Heien Meroe Pierce, Pratt Institute.
Marie Matilda Redel.
Alma Catherine Reif.
Leverett Ernest Rice, U. W., Engineering.
Harriet Margaret Roesch.
Lulu Lillian Runge, U. W., English.
Cecil Everett Schrieber, U. W., C. H.
Harry Stock, U. W., Engineering.
Estella Marie Starks, U. W. School of Music.
Pearl Niel Samuels, Madison.
Jean Murray Stephens, U. W., English.
Lottie Irene Schnell.
James Raymond Stock, U. W., Engineering.
Harry Edward Sykes, Madison.
Marie Edith Tirrell.
Bertha May Taylor, Milwaukee.
Lillian Elizabeth Taylor, U. W., English.
Chester Arthur Taylor.
Zura Eusebius Upham.
John Charles Vroman.
Chauncey Rex Welton, U. W., C. H.

CLASS OF 1902.

Andrew Hobart Anderson.
Walter Atwood, U. W., G. S.
Zillah Julia Bagley, U. W., M. C.
Anna Grant Birge, U. W., M. C.

Sarah Blomily.
Alexius Henry Baas, U. W., G. S.
William Joseph Butler.
Louis Loss Burns.
Ella Meta Breitenfeld.
Mildred Harriet Curtiss, U. W., M. C.
Arthur Mandeville Compton, U. W., E. E.
James Hugh Curtin, U. W., M. C.
John Patrick Cunnien.
Anna Charlotte Coon.
Rose Alleen Dye, U. W., M. C.
Mabel Elsie Davidson, U. W.
Martin John Ellestad, Madison.
Alexander Ernest Friederick, Madison.
Helen Fahringer.
Alida Sophie Felland.
Harry King Fowler, U. W., Eng.
Rose Bergeta Gratz.
Mildred Gapen, U. W., M. C.
Ruth Goe, U. W., M. C.
Della Gay.
Emma Louise Glenz, U. W., G. S.
Harold Hardy.*
Edna Marion Hill.
William Miller Holm, U. W.
Roland Farwell, Jarvis.
Frank Kessenich, Jr.
Winnifred Corneau Kneeland.
Agnes Caroline Knudson, U. W., M. C.
Philip Arnold Knowlton, U. W., A. C.
Christian Roman Kayser, U. W., Coll. Agriculture.
Clarence Baker King, U. W., G. S.
Dudley Hyde Keyes, U. W., G. S.
Nettie Kelley, Whitewater Normal School.
Jennie May Lorigan.*
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Lillian Alvina Marks.
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Paul William Moseley.
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Jerome Orton Norsman,.

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Legare Oeland, Assoc. Press.
De Witt Clinton Poole, U. W., A. C.
Margaret Regina Purcell.*
Emma Janette Peterson.
Emily Matilda Quale.
Clara Belle Reynolds.
Ethel Margaret Rice.
John Parnell Regan.
Clara Alida Richards, U. W., M. C.
Walter Henry Rimsnider, Clerk Menges Drug Store.
Helen Alice Rosenstengel, U. W., M. C.
Margaret McDonald Smith, Madison.
Olaf Ulring Stromme, U. W.
Edna Grace Swenson, U. W., M. C.
William Benson Smethurst.
Bertha Sander.
Linnie Soelch, Madison Gas & Electric Co.
Frederick Turville Thwaites, U. W., M. C.
Julia Ella Tormey, U. W., M. C.
Helen Turville, U. W., M. C.
Florence Johnstone Van Etta.
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Anna Charlotte Wald, U. W., M. C.
Mabel Louise Warnock.
Helen Goldsmith Whitney, U. W., M. C.

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