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Annual report of the public schools of Madison, Wisconsin, for 1887.

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THE
PUBLIC SCHOOLS
OF
MADISON, WIS.

REPORT FOR 1887.

M. J. CANTWELL, PRINTER, MADISON, WIS.

379
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1887
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CALENDAR, 1888-9.

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ANNUAL REPORT
OF
THE PUBLIC SCHOOLS
OF
MADISON, WISCONSIN, FOR 1887.

PUBLISHED BY ORDER OF THE BOARD

MADISON, WISCONSIN,
M. J. CANTWELL, BOOK AND JOB PRINTER.
1888.



BOARD OF EDUCATION, 1888

J. B. PARKINSON.....	Term expires December, 1888.
JOHN CORSCOT.....	Term expires December, 1888.
J. H. CARPENTER.....	Term expires December, 1889.
H. M. LEWIS.....	Term expires December, 1889.
M. R. DOYON.....	Term expires December, 1890.
WM. HELM.....	Term expires December, 1890.
MAYOR JAMES CONKLIN.....	<i>Ex-officio.</i>
ALD. F. C. SHEASBY.....	<i>Ex-officio.</i>

OFFICERS.

PRESIDENT,
J. H. CARPENTER.

CLERK,
JOHN CORSCOT.

TREASURER,
H. M. LEWIS.

COMMITTEES.

STANDING.

Finance.....Messrs. DOYON, HELM AND SHEASBY.
Building.....Messrs. LEWIS, CORSCOT and CARPENTER.
Supplies.....Messrs. CORSCOT, CARPENTER and DOYON.
Text Books.....Messrs. PARKINSON, CORSCOT and CARPENTER.
Teachers.....Messrs. CARPENTER, PARKINSON and LEWIS.

VISITING.

High School.....Messrs. PARKINSON, LEWIS and SHEASBY.
First Ward.....Messrs. LEWIS and CORSCOT.
Second Ward.....Messrs. CORSCOT and DOYON.
Third Ward.....Messrs. SHEASBY and LEWIS.
Fourth Ward.....Messrs. HELM and CORSCOT.
Fifth Ward.....Messrs. PARKINSON and SHEASBY.
Sixth Ward.....Messrs. DOYON and CARPENTER.

TEACHERS.

SUPERINTENDENT OF SCHOOLS,
WM. H. BEACH..

HIGH SCHOOL.

WM. H. BEACH,	-	-	-	-	Principal.
	Theory and Art of Teaching.				
WEBSTER M. POND,	-	-	-	-	Vice-Principal.
	Mathematics, Latin.				
MINA L. STONE,	-	-	-	-	Preceptress.
	Natural and Physical Sciences, Mathematics.				
ELIZABETH W. ATWOOD,*	-	-	-	-	Literature, French.
SUSAN M. WILLIAMSON,	-	-	-	-	Botany, Biology.
JENNIE M. CARRIER,	-	-	-	-	Mathematics, History, Drawing.
BERTHA S. PITMAN,	-	-	-	-	German.
MARY PARKINSON,	-	-	-	-	Mathematics, Grammar.
ANNA BURR MOSELEY,	-	-	-	-	Greek, Latin.
FRANCES B. SHELDON,	-	-	-	-	Greek, Latin.
HATTIE O. THOMS,	-	-	-	-	Mathematics, History, Physical Geography.

* According to date of appointment in High School.

MODEL DEPARTMENT.

ELLA LARKIN,	-	-	-	-	Primary.
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IN ALL THE SCHOOLS.

MRS. M. E. BRAND,	-	-	-	-	Music.
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FIRST WARD.

MARY L. BYRNE,	-	-	-	-	Second Grammar.
MARY L. EDGAR,	-	-	-	-	First Grammar.
ELLA HICKOK,	-	-	-	-	Second Primary.
ANNIE K. MEIGS,	-	-	-	-	First Primary.

SECOND WARD.

MARY MCGOVERN,	-	-	-	-	Second Grammar.
FREDERICA BODENSTEIN,	-	-	-	-	First Grammar.
ELIZA M. HERFURTH,	-	-	-	-	First Grammar.
ALICE DEARDS,	-	-	-	-	Second Primary.
MARGARET A. FOREN,	-	-	-	-	First Primary.
ISABELLA LAMONT,	-	-	-	-	First Primary.

TEACHERS.

5

THIRD WARD.

EMMA V. DRINKER,	-	-	-	-	Second Grammar.
ANNA E. TARNUTZER,	-	-	-	-	First Grammar.
JENNIE WILLIAMS,	-	-	-	-	Second Primary.
IRENE LARKIN,	-	-	-	-	First Primary.

FOURTH WARD.

KATHARINE FOOTE,	-	-	-	-	Second Grammar.
MAGGIE M. CHAMPER,	-	-	-	-	First Grammar.
MARY L. BURDICK,	-	-	-	-	Second Primary.
ISABEL BYRNE,	-	-	-	-	First Primary.

FIFTH WARD.

JENNIE McMILLAN,	-	-	-	-	Second Grammar.
CAROLINE L. HARPER,	-	-	-	-	First Grammar.
LELIA M. GILE,	-	-	-	-	Second Primary.
MARY E. STORM,	-	-	-	-	First Primary.

SIXTH WARD.

MAGGIE MAYERS,	-	-	-	-	Second Grammar.
OLIVE E. BAKER,	-	-	-	-	First Grammar.
THERESA G. COSGROVE,	-	-	-	-	Second Primary.
ROSA DENGLER,	-	-	-	-	First Primary.
FLORENCE FOOTE,	-	-	-	-	First Primary.

NORTHEAST DISTRICT.

CARRIE H. BILLINGS,	-	-	-	-	Grammar.
HELEN L. WINTER,	-	-	-	-	Primary.

VISITING COMMITTEES

FOR 1887.

HIGH SCHOOL.

HON. F. J. LAMB,
DR. C. S. SHELDON,
MRS. WM. F. ALLEN,
MRS. W. A. MCATEE,
MISS CLARISSA L. WARE,

GRAMMAR DEPARTMENT.

HON. S. D. HASTINGS,
MRS. ALEXANDER KERR,
MRS. FRANK PARKINSON,

PRIMARY DEPARTMENT.

MRS. SARAH E. CHAPMAN,
MRS. J. W. STEARNS,
MISS ELEANOR B. FAVILL.

VISITING COMMITTEES

FOR 1888.

HIGH SCHOOL AND GRAMMAR DEPARTMENTS.

Prof. ALEXANDER KERR,
Hon. JOHN G. McMYNN,
Hon. W. H. CHANDLER,
Mr. W. A. TRACY,
Prof. W. H. ROSENSTENGEL,
Mrs. J. W. STEARNS,
Mrs. G. W. BIRD,
Dr. DELIA G. LYMAN,
Miss ELLA GILES,
Mrs. S. E. BARNES.

PRIMARY DEPARTMENT.

Mrs. FRANK W. HOYT,
Mrs. J. S. McNAUGHT,
Mrs. M. T. PARK,
Mrs. T. C. CHAMBERLIN.
Mrs. J. B. THAYER,
Mrs. ANDREW SEXTON,
Mrs. J. H. CROOKER.



REPORT OF BUILDING COMMITTEE.

To the Board of Education of the City of Madison :

The Building committee, having charge of the erection of the addition to the High School building, and of the new school building in the Third ward, having completed their labors, submit the following report:

When the work was entered upon, the Building committee consisted of Elisha Burdick, chairman, J. H. Carpenter, John Corscot, and H. M. Lewis. On the 2d of August, Mr. F. C. Sheasby was added to the committee.

Mr. Burdick served upon the committee, and as its chairman until the expiration of his term of office as a member of the Board of Education, January 1st, 1888. Upon him as chairman of the committee, a large part of the labor and responsibility of your committee devolved, and it is but justice to say that he discharged those duties with signal efficiency, untiring zeal and good judgment, and when he retired from office the buildings were nearly completed.

Since the retirement of Mr. Burdick as a member of the Board of Education, the undersigned have constituted the Building committee, and have had charge of the completion and furnishing of the buildings under the direction of the Board of Education.

Before beginning the erection of either of the buildings, or the adoption of any plans for the buildings, it was necessary to procure legislation authorizing the Board of Education to borrow a sum of money sufficient to erect buildings suitable to the needs of the city for school purposes. Accordingly a bill was prepared under the direction of the Board for that purpose, and it was introduced early in the session of the legislature of 1887, by Hon. M. J. Cantwell, member of the assembly for this district, but for causes not necessary to be mentioned, and for

which the Board of Education were not responsible, its passage was delayed until nearly the close of the session of the legislature, and it was finally passed, and was approved by the Governor on the 11th day of April, 1887.

This act authorized the Board of Education to borrow from the trust funds of the state, or from other sources, for the purpose of erecting school buildings in the city, \$45,000, at a rate of interest not to exceed seven *per cent. per annum*, and to be repaid in nine yearly installments of \$5,000 each,—interest to be paid annually on the principal remaining unpaid.

Under the authority of this act, the Board borrowed \$40,000 from the state, with interest at five *per cent. per annum*. It was the intention to borrow the whole amount of \$45,000, and to pay the first installment of principal in February, 1888, and the sum of \$5,000, to meet the first payment, was inserted in the tax levy of the city for the year 1887; this amount was paid by the City Treasurer to the Board of Education and used by them for building purposes, and the Board only borrowed, as above stated, \$40,000, and thus saved the interest on the sum of \$5,000 from about the 1st of October, 1887, to February, 1888.

When the Board had secured the necessary legislation enabling them to obtain funds with which to build, the building season was well advanced, and the committee had then the difficult task of preparing plans for the building or buildings to be erected. The committee were apprehensive that the funds at their disposal would not be adequate to the erection of two buildings, such as the necessities of the schools of the city required, and the question of purchasing a new site for the High School, and the erection of a new and independent High School building, and to use the former High School building for a Ward or Grammar school, was seriously considered, but for reasons, convincing to a majority of the Board, it was finally determined to erect an addition to that building in such a manner that the new and old parts could be used together, thus affording sufficient room for the wants of the High School for many years to come.

To build such an addition so that the cost of construction would be within the amount of money available for that pur-

pose, and at the same time to construct a building, which, in connection with the old building, should be reasonably satisfactory architecturally, and so arranged that the two parts could be conveniently used together, was an exceedingly difficult problem.

Tentative plans were solicited from several architects, and sketches of plans were furnished by Capt. John Nader and Mr. O. J. Williams. From the plans presented, using principally the suggestions of Mr. Williams, the committee were enabled to agree upon and submit to the Board the plan for the High School building which, with some modification, was adopted by the Board of Education in the latter part of July, 1887. Plans for the new Third ward school building had been prepared by Mr. Williams, and they were adopted by the Board at the same time.

The exigencies of our schools required the Board of Education to have these buildings erected and ready for occupancy, if possible, at the beginning of the winter term in January, 1888. Mr. Williams was therefore instructed to prepare working plans and specifications in the shortest possible time, and that as soon as they were prepared, the Building committee were instructed to advertise for proposals for erecting the buildings, and to let the contracts to the lowest responsible bidder, provided the bids received were within the amount appropriated for building purposes.

Mr. James Livesey was the lowest bidder for the erection of the High School addition, and Joseph Livesey the lowest bidder for the Third ward school building — their bids being respectively for those buildings, \$20,014 and \$12,690, for the buildings complete, exclusive of heating and furnishing. Under the contract of Mr. James Livesey, Messrs. Frederickson & Fish were to do the carpenter work, and under that of Mr. Joseph Livesey, Mr. John H. Starck was to do the carpenter work. These contracts were considered as very satisfactory to the committee and to the Board of Education, as they were considerably under the estimates made by the committee for each of the buildings, and were such as enabled the Board to erect both buildings with the fund at their disposal.

It is to the credit of the architect, Mr. Williams, that the bids for each of the buildings were within his estimates of their cost respectively. Contracts were executed with Mr. James Livesey and Joseph Livesey for the erection of these buildings, under their respective bids, on the 3d day of August, 1887.

The Third ward building was completed and occupied for the first time for school purposes on the 23d day of January, 1888, and the High School addition was completed and occupied for the first time for school purposes February 27th, 1888.

Your committee are pleased to state that those having to do with the construction of these buildings, architect, superintendents, and contractors, have, in the main, as your committee believe, done their work well, and to the satisfaction of your committee, the Board of Education and our citizens generally, and as a result we have two good, substantial and well constructed buildings, which, as far as tested by use, have given little cause for criticisms.

From the haste with which the plans and specifications were prepared, a few omissions and mistakes occurred, and as is usually the case, as the work progressed, changes and improvements were suggested and made, which brought the total of extras to a rather large sum, larger than was hoped would be the case by your committee, but not so large as to bring the total cost of the buildings to an amount beyond the estimates made of their cost by the architect and your committee after the plans were drawn.

For the High School the contract was, as above sated.....	\$20, 014 00
Contract with Geo. H. Hess & Co., of Chicago, Ill., for heating and ventilating apparatus.....	1, 985 00
Furniture	971 00
Gas fixtures	125 00
Plans and superintendence of work.....	1, 345 80
Extra work and materials of all kinds.....	2, 678 66
Total for building complete and furnished.....	27, 119 46
Received for building on High School site.....	225 00
Net cost of complete building, furnished, etc.....	<u>\$27, 894 46</u>

The contract price for the Third ward building was, as above stated.....		\$12,690 00
Heating and ventilating apparatus	630 00	
For plans and superintendence.....	1,047 16	
Seating and furnishing.....	444 55	
Cost of additional grounds..	5,250 00	
Extras of all kinds	1,413 55	
Total cost of building, heating, ventilating, furnishing and additional site		21,475 26
Received for building removed from Third ward site	325 00	
Net cost of building, furnishing, site, etc.....	\$21,150 26	

Aggregate net cost of the two buildings, including heating, ventilating, seating, furnishing, gas fixtures, and the purchase of additional grounds, \$48,044.72.

The buildings erected seem to receive the approval alike of teachers, pupils, patrons of the schools, and the tax payers of the city.

Respectfully submitted,

H. M. LEWIS,
J. H. CARPENTER,
JOHN CORSCOT.

MADISON PUBLIC SCHOOLS.

HIGH SCHOOL CONSTRUCTION EXPENSES.

1887.				
Sept.	6	O. J. Williams.....	\$350 00	.....
	6	James Livesey, 1st estimate.....	2, 194 00	.....
				\$2, 544 00
Oct.	31	James Livesey, 2d estimate.....	4, 707 41	.....
	31	Geo. C. Chase, sup't.....	50 00	.....
	31	John Nader, plans.....	50 00	.....
				4, 807 41
Nov.	10	James Livesey, 3d estimate.....		7, 735 57
Dec.	6	Z. Ramsdale, anchor bolts.....	13 25	.....
	6	Madison Gas Co., gas pipes.....	99 77	.....
	6	Geo. C. Chase, sup't.....	100 00	.....
	6	O. J. Williams, architect.....	458 55	.....
				671 57
	10	James Livesey, 4th estimate.....	1, 350 00	.....
	10	Geo. H. Hess, account, heating.....	1, 000 00	.....
				2, 350 00
1888.				
Jan.	3	Geo. C. Chase, sup't con.....	100 00	.....
	9	James Livesey, 5th estimate..	2, 700 00	.....
	12	Geo. H. Hess & Co., account, furnaces ...	827 50	.....
				3, 627 50
Feb.	7	University of Wisconsin, beams.....	14 00	.....
	7	De Witt Ramsay, hardware.....	31 55	.....
	7	S. L. Chase, shelving.....	88 78	.....
	7	T. A. Nelson, extra painting.....	162 23	.....
	7	M. H. Ball, iron work, extras.....	28 05	.....
	15	Thomas Regan, extra plumbing, \$90.68; gas fixtures, 125.71.....	216 39	.....
	15	Geo. C. Chase, sup't construction.....	237 25	.....
	15	James Livesey, extra mason work... ..	1, 535 36	.....
	15	De Witt Ramsay, hardware.....	4 53	.....
	15	Frederickson & Fish, carpenter work.....	358 33	.....
	15	James Livesey, final estimate.....	1, 327 02	.....
				4, 003 49
Mar.	6	Frederickson & Fish, balance extras.....	117 04	.....
	6	C. E. Bibbs, blackboarding.....	4 00	.....
	6	H. G. Kroncke, tin work.....	41 82	.....
	6	C. E. Bibbs, balance extras.....	37 37	.....
	6	Madison Gas Co., gas pipe.....	39 19	.....
	6	G. H. Hess, balance on heating.....	157 50	.....
				396 92
				26, 136 46
		Furniture.....		971 00
		To be paid for extra registers and pipes for heating and ventilating.....		12 00
		Total.....		\$27, 119 46
Received for building on High School site.....				\$225 00

THIRD WARD SCHOOL BUILDING.

1887.				
Sept.	6	Joseph Livesey, 1st estimate.....	\$1,786 60	.....
				\$1,786 60
Oct.	10	Geo. C. Chase, sup't.....	50 00	.....
	10	John Nader, plans	50 00	.....
	6	Joseph Livesey, 2d estimate.....	2,220 64	.....
	4	Z. Ramsdale, anchor bolts.....	24 80	.....
				2,345 44
Nov.	1	J. O. Gordon, sup't building.....	136 50	.....
	10	Joseph Livesey, 3d estimate.....	4,787 76	.....
				4,924 26
Dec.	10	Joseph Livesey, 4th estimate		1,475 00
	6	Aug. Schmidt & Co.....	17 80	.....
	6	Madison Gas Co., fixtures	14 25	.....
				32 05
1888.				
Jan.	3	J. O. Gordon, supt. 3d ward	185 50	.....
	7	Joseph Livesey, 5th estimate ...	1,260 00	.....
	12	Geo. H. Hess & Co., furnaces.....	630 00	.....
				2,075 50
Feb.	7	J. O. Gordon, sup't construction.....	91 00	.....
	7	Sumner & Morris, hardware.....	21 69	.....
	7	T. A. Nelson, extra painting.....	43 00	.....
	7	T. H. McKay, grates.....	100 00	.....
	7	De Witt Ramsay, hardware	14 75	.....
	7	Scheibel & Krehl, hardware	4 87	.....
	7	M. H. Ball, extra iron work.....	23 66	.....
	15	J. O. Gordon, sup't construction	26 50	.....
	15	Thos. Regan, extra plumbing.....	106 78	.....
	15	James Livesey, dirt for 3d ward	27 60	.....
	15	John H. Starck, extra carpenter work...	305 70	.....
	15	Joseph Livesey, extra mason work.....	708 15	.....
	15	O. J. Williams, architect and sup't.....	508 16	.....
	15	Joseph Livesey, final statement.....	1,160 00	.....
				3,141 86
		Total construction and heating.....	\$15,780 71	
		Cost of additional grounds	5,250 00	
		Cost of heating and furnishing.....	444 55	
		Total.....	\$21,475 26	
		Received for building on 3d ward grounds.....	\$325 00	



SUPERINTENDENT'S REPORT.

MADISON, Wis., April 3, 1888.

Gentlemen of the Board of Education:

The past year has been a prosperous one in the history of the schools. With the steady and substantial growth of the city there has been a corresponding increase in the school attendance. The necessity for additional school accommodations has been provided for.

A new Third Ward building and, a High School building connected with the former one, have been erected and furnished.

FIRST WARD.

This building for several years has been uncomfortably crowded. The main room has been occupied by the four higher grades. Temporary and special accommodations have from time to time been made to accommodate the pupils exceeding in number the desks in the room. The recitation room adjoining has hardly been large enough for the classes that have recited therein.

The school has now been relieved by the transfer of the seventh and eighth grades, under the immediate charge of the principal, to Room II. in the former High School.

SECOND WARD.

This school has had during the year the largest enrollment in its history. The first primary room has been too full to admit of the most advantageous employment of the kindergarten methods that have been a special feature of this department. The crowded condition of all the rooms was relieved early in the term by the transfer of pupils to the new Third Ward school.

THIRD WARD.

The "Little Brick" has heretofore been the only public school house in what is now the Third Ward. It was built in 1845, and cost between \$1,000 and \$1,200. For some years it was the only school house in Madison. It served, not only as a school house, but as the most available place for political conventions and other public gatherings. The records of the "Little Brick" would make an interesting chapter in the history of Madison.

The preserved registers go back to 1873. Miss Alice J. Craig (Mrs. C. I. King) had been for some time the teacher of the school. In the fall of 1873 she was succeeded by Miss Katharine Larkin, who, in April, 1876, was succeeded by Miss Ella Larkin, who taught continuously in the "Little Brick" till the close of the last spring term, June, 1887.

A new building having been decided upon on the site of the "Little Brick," the latter was torn down in July. At the commencement of the fall term, the school was opened in a room in the City Hall, where it remained until the 12th of March, when it removed to the former High School, Room I. having been especially fitted up for a Model Primary Department, Miss Ella Larkin in charge of it.

The Third Ward school house was modeled somewhat after that in the Fifth ward. The rooms are spacious, well lighted, and well ventilated. The building is supplied with all conveniences, and the furniture is of the best.

The building was occupied by its full corps of teachers and by its proper classes, on Monday the 23d of January, 1888. Its classes were made up mainly of pupils transferred from the First, Second, Fourth and Sixth wards, affording long-needed relief to the over crowded condition of those schools.

FOURTH WARD.

This school has not been so crowded as the others. The transfer of pupils was, therefore, the least.

FIFTH WARD.

The growth of the city in the vicinity of this school has increased largely the attendance, making it necessary to trans-

fer pupils to the First ward when the latter was relieved by sending classes to the old High School building.

SIXTH WARD.

Miss Margaret Galbraith, the capable principal of this school, declined a re-appointment at the close of the last school year. In entering upon work elsewhere, she carried with her the esteem of fellow workers and patrons, and the consciousness of faithful work in the position she had so long and efficiently filled. With the transfer of pupils from this school has ceased the necessity for an assistant teacher in the second grammar room.

NORTHEAST DISTRICT.

The increasing numbers in attendance, and the inconvenience of the distance from this neighborhood to the Sixth ward, rendered it advisable to establish the First and Second Grammar departments in this school. This was done, and an assistant teacher appointed the middle of the fall term.

HIGH SCHOOL.

During the past two years the attendance at the High School has been too large for the accommodations afforded. It has been impossible to work to advantage. The office of the School Board, the wardrobes and the basement have all been used for recitations. To meet the growing needs of the school, an addition, ample, it is believed for many years to come, has been erected. Ground was broken in August. The building was so far completed that on the evening of January 20 it was opened by a public reception. Citizens, pioneers in the work of building up the school system of the city and of the state, patrons of the schools, teachers and pupils, by speeches and social intercourse, congratulated themselves on the enlarged accommodations afforded.

It is practically a new High School, but connected with the former High School building, having connecting halls on both the first and second floors. The assembly or study room occupies nearly the entire second floor, and is capable of seating three hundred pupils. Here all pupils are to remain except when reciting. The room is believed to be capable of being well

warmed and well ventilated. The first floor is occupied by recitation rooms and the office of the Board of Education. The halls and wardrobes are ample and convenient. The building is supplied with water, gas, and all the conveniences that could well be provided.

The general arrangement of the building is believed to possess peculiar advantages. Teachers hearing recitations can give their entire attention to their classes, with no pupils present except those reciting. Pupils studying do not have their attention drawn away from their work by a recitation going on in the same room. The teacher's attention is not divided between the recitation and the government of other classes. The arrangement leads to the greatest economy of energy, to both teachers and students.

An assembly room where all classes may meet for morning and general exercises, announcements, and lectures, is a feature possessing great advantages.

It is believed that the congregating of all classes in the school in one study room will make more thoroughly felt the best influences, will lead to the exercise of every healthful and restraining influence, and to a more nearly perfect self-government.

TEACHERS.

In the division of the work of instruction in the High School, it is intended to assign to each teacher the work for which he or she is best qualified, either by natural preference or special preparation. Fortunately this has generally been possible. In the selecting of teachers from among the graduates of the University, who have been prepared for some special line of work, and from others who have experience in, and have shown peculiar fitness for, certain lines of instruction, it has been possible to have special teachers for almost every branch in the courses of study.

During the year there were six resignations. The Vice Principal of the High School, Prof. W. M. Pond, was granted leave of absence during the spring term, Mr. John J. Esch taking his work.

Miss Hattie O. Thoms, long the efficient principal of the Fifth

ward, and afterward of the Second, was appointed to fill a vacancy in the High School, occasioned by the resignation of Miss Carolyn L. Howe. at the end of the winter term.

The general teachers' meetings have been held as required. In addition to the exercises of an institute character, lectures have been given by Prof. Alexander Forbes, of Chicago, President Chamberlin, Prof. Butler, Prof. Frankinburger, and Mr. Peter Pfund, of Madison. An institute for the teachers of the city and county was held on the 18th and 19th of February. The exercises were suggestive and practical.

The programme is herewith given:

FRIDAY, FEBRUARY 18—9 A. M.

Exercises in Reading, Arithmetic and Grammar, - Prof. A. J. HUTTON,
2 P. M.

Music in Schools, - - - - - MRS. M. E. BRAND.
Class Exercise in Music, - - - - - KATHARINE FOOTE.
Physiology in the Public Schools, - - - DR. DELIA G. LYMAN.
Primary Class Exercise in Natural History, - - ISABELLA LAMONT.
The Teaching of Arithmetic, - - - HATTIE O. THOMS.
7 P. M.

Lecture—Educational Values—PROF. J. W. STEARNS, State University.

SATURDAY, FEBRUARY 19—9 A. M.

Exercises in Reading, Geography, Arithmetic and Grammar,
Prof. A. J. HUTTON.
2 P. M.

Drawing in Common Schools, - - - FRANCES M. CARRIER.
Primary Class Exercise in Drawing, - FLORENCE L. CARRIER.
Primary Class Exercise in Calisthenics, - - - ELLA HICKOK.
Class Exercise in Reading, - - - JENNIE McMILLAN.
Natural Science in Common Schools, - - SUSAN M. WILLIAMSON.
PROF. IRA M. BUELL.
The Country Teacher, - - - ANNA E. TARNUTZER.

CONDITION OF THE SCHOOLS.

The general condition of the schools, notwithstanding the crowded condition of many of the rooms, has been good. The object aimed at in school is, of course, not merely order, but progress. The former is not the end, but it is a means. It is possible to pay more attention to securing the former than the

latter. It is possible to insist on such intense order as to interfere with the pupils' progress in learning. But a reasonable degree of order and discipline is essential, and no satisfactory progress can be made without it. Implicit obedience to all reasonable requirements is, in itself, one of the most important lessons. Incipient anarchy should be allowed no place in the schools.

It is a mistake to treat children as if it were natural to suspect them of an intention to violate rules and laws. It is just as much a mistake to give them any grounds for believing that they can safely be disobedient.

To let them understand that they are expected to be always obedient and respectful, and to help them fulfil the expectation, is the best way to train up the youth to be honorable, law-respecting and self-respecting citizens. Mutual confidence and respect between those in authority and those under authority is a possible and most helpful condition. The end aimed at is self-government.

ESSENTIAL STUDIES.

It has been the intention to make the instruction in the common branches a good preparation for the ordinary business of life. In their eager haste to avail themselves of the privileges, so freely offered in these later days, of pursuing the higher studies, pupils are apt to hurry lightly over the common branches. It often requires an effort to restrain them until they have become well grounded in the rudiments of a thorough, practical education. These studies afford as good an opportunity to acquire careful and accurate habits of study and thought, as the so-called higher branches. It is the duty of the honest teacher to check the tendency to study for parade. "Cramming in order to unload for the sake of effect," is as dishonest as to obtain wealth under false pretenses. To study thoroughly and honestly involves a moral principle as much as any transaction in business life. Studying for effect, for show, is not studying in the right spirit. Neither is teaching for effect, for show, for reputation, for commendation, teaching in the right spirit. All teaching should be on the basis of solid truth, without thought of popularity or dread of blame. From work done in any other

spirit there may go out an influence that will be detrimental to the most sacred interest of many a life. "To be, and not to seem," should be the motto and standard of all teaching and of all study.

There are educational factors that are not touched upon by our text books. There are lessons to be taught and influences to be exerted, of as much importance as the lessons in the course of study. The teacher's personality must be the agent of this influence. It is neither possible nor desirable for all to work in precisely the same way. No exact method for all conditions can be prescribed. Conditions and circumstances vary. No amount of special training nor study of methods can relieve a teacher from the continual exercise of careful thought and individual judgment,—an application of the right means to special conditions. The best teacher is a studying teacher. When a teacher has become satisfied with his acquired proficiency, it is time for him to quit the business.

Efficient teachers with old methods did good work. They inspired their pupils to work for themselves. It is not yet demonstrated that boys and girls led along in the more easy modern ways, are being developed into more vigorous, self-reliant men and women than were their ancestors. There may be less waste of energy, but no more development of energy. Teaching means something more than gracefully leading the learner along the improved ways and methods of these later days. It means the inspiring the learner with an intelligent zeal in, and love of, worthy objects, and in the conscious delight that he may experience in the exercise of all his faculties. These thoughts are not new, but it is well sometimes to review and repeat them.

SCIENCE TEACHING.

It is an evident advantage to every one to acquire the habit of learning at first hands,—to study not merely the types and symbols of things, but the things themselves—not with the eyes and hands of others, but with his own eyes and hands. The earlier one acquires this habit, the more to his advantage will it be. The habit of observation and the possession of an accurate insight into, and judgment about, men and things, are the

purpose, but not always the result, of a system of education. Those who have only learned from books the recorded observations and judgment of others, are apt to be limited in their own judgment, and not practical in their application of principles.

Our course of study, from the primary up through all the grades, contemplates exercises intended to develop this faculty of acquiring knowledge, independent of the printed book.

The following paper, by Miss Susan M. Williamson, read before a teachers' meeting, is well worthy of publication here:

NATURAL HISTORY IN LOWER SCHOOLS.

By "lower schools" I mean the so-called country schools, and grades of others in which the pupils are too young in years and in knowledge to use text books, where the work must take, more or less, the form of object lessons.

I think it a long step forward that teachers and others are waking to the fact that there is something to be learned outside of books, and that even little children can be taught to read nature's book before they know one printed word. Children love all out of doors, and have no fear of the things found there. I have seen a baby less than two years old, play with the little mud turtles as though they were bits of painted china; they were as harmless. Babies will play with snakes, toads and other animals which older and less sensible people scream at and run from. Why not encourage this fearlessness as a child grows older by teaching him something of the habits of his living playmates? Where they live, what is their food, how they get it, how they move, and similar facts of their every day life. It is nothing less than cruelty to teach a child to fear flies, bugs and snakes; it deprives him of much pleasure and profit in after years. Who can enjoy a tramp in the woods or any out of door life, if one is in constant fear that a spider or an ant may fall on him, or a little snake run across the path? You are the biggest, and these tiny creatures are as much afraid as you. I know it does require a strong effort of will where one is older, to overcome this fear, and in some cases it seems almost impossible; hence the stronger reason for working to prevent it.

Dr. Hoy, in a paper read at the meeting of the Academy of Arts and Sciences, in December, 1886, said, "I am convinced that great good would result from making the study of Natural History, now called Biology, one of the elementary branches of education. Children should be taught to see carefully and minutely, and thus early learn to see and compare, a most important part of education. This attention should be directed to the more common objects by which they are surrounded. The chipping bird that pecks seeds in the yard and nests in the currant bush, what a fine, warm feather coat it wears! its wings are only a variety of hands with which it flies, where we cannot follow. See how it hops with one foot a little in front of the other, instead of running as chickens, turkeys and geese do. All

birds that perch on branches of trees move by hops on the ground. The ant that labors so diligently in the garden—notice its six feet, its pinchers, to clip and cut its food—see the feelers! they look like little horns; by means of these feelers they make their wants known to other ants. See how busily the ants are running up and down that bush! if we look sharp we discover that they have found a herd of their cows (plant lice), and are in haste to sip the sweet fluid secreted by them. Curious little insects. The beetle that comes in at the window, attracted by the light—observe the curious shape of its feelers; how large and queer are its eyes, its legs, how long—its feet have little bent, fork-like claws, to enable it to hold on securely; only see! its jaws move sideways instead of up and down as all other animals do. He carries a pair of soft, fine wings on his back, securely covered by a kind of box with two lids. When he goes to fly he opens the hard covers, strokes the delicate wings, and away he goes with a great humming noise. There, too, is the butterfly that flutters on the garden flowers, sucking with its long tongue the sweets of the blossoms. It has no pinchers like the ant and beetle; it cannot bite. What large, beautiful wings! you see there are four of them. What long feelers, with a little knob on the end of each. The spider that spreads his lace trap to catch heedless flies, the grasshopper, that springs from the grass—all these things should be subjects of thought, observation and comparison, for it is by comparison that we form ideas of the difference between things, it is by comparison that we reach conclusions, the most valuable for the development of the mind and the acquisition of knowledge. In this way that I have merely hinted at children will invariably collect a store of facts which form a good basis of future progress. By this scientific story method, the interest and attention are gained and the facts, which should be strictly accurate, fixed in the mind. Thus learning becomes easy and pleasant."

Prof. Birge, in a paper read before the State Teachers' Association, divided the Natural Sciences into two classes, which he called Information and Discipline studies. In the first class were included nearly all as they must be taught in ward and high school, leaving Botany, Zoology and Surface Geology in the second class. By Information studies was meant those which could only be taught for the facts contained in them; by Discipline studies, those which could be carried farther and the child be taught to think for himself, to compare objects and notice the differences and resemblances. This will be of untold value in higher studies. I find students of seventeen and eighteen years who cannot see the differences between things which are as plain as black and white.

The easiest study to teach in this way is Botany, and chiefly because the material is so easily obtained. I almost envy a "country teacher," who is surrounded by just what I need, and for which either my students or I must take long walks. I think all children love flowers and like to know about them. You say, "I don't know one flower from another, I have never studied Botany, and the names given are so big. What can I teach?" Never mind the names now, you can use local or common ones. As the plants start in the spring, notice the different leaves, see how they vary in

form, texture and veining. Let the children see how many shapes they can find, have them make collections of them, arranging them according to form, long ones together, round one in another group, those with veins like feathers by themselves, and so in different ways, which will be suggested as the work comes. When the flowers blossom notice form, color, time of flowering. Give the child a plant of Dandelion, every one knows that by sight, let him count the blossoms from day to day, a lesson in numbers, and see if the same flower opens more than once. Do you know? See if the little green leaves at the back are always in the same position. Tell him to watch how the clover leaves go to sleep. Ask the children to tell you how many kinds of plants or birds they saw as they came to school, and ask yourself the same question. You will be surprised to know how blind you are. Encourage the little ones to preserve life, not destroy it, and in their little collection of leaves, pebbles or whatever it be, make them neat and careful. In this way Natural History, even with the little tots, becomes unconsciously a Discipline and not simply an Information study. Children can easily be taught the names of the parts of the flowers, and will use them readily. The little green cup that holds the blossom is the calyx; sometimes it is all in one piece like a goblet, sometimes in many pieces. Let them see how many, and if it is always the same. Again it is colored, as in the Marsh Marigold or Cowslip. The crown of bright leaves that sits in this cup is the corolla and the leaves are the petals — but you can think when the time comes of an endless variety of points. You can assign lessons in observation from day to day, and so make it seem to the children that they are really studying. The blue violets are favorite flowers, and good for comparison. We have three or four common species. Notice difference in size, color, form of leaf and petal and in habitat. Notice seeds and the provisions made for their distribution. The keys of the maple were made for a better use than “snappers” and the pappus of the Dandelion for something else than to tell “what o’clock” and if “Mother wants me.” Are the acorns all alike in color, form and size? and what of their saucers? One caution — don’t make play of this. Feel that it is worth the time and thought which it will take, but don’t tell the children everything, let them look for themselves, they will enjoy what to them is a new discovery. Let them feel that it is one, but see to it that they learn accurately, not carelessly, but so that what they have is true. Be in earnest and enthusiastic in the work, and you will learn as much as they. If your time is so full that the little ones have the smallest share, take this for talks at recess, at noon, before school, at home and wherever you can, or I should think one reading class a day might be omitted and this work substituted. Children grow tired of reading the same book or story over and over, and this would be a change and rest. I like to know the stories and legends of the flowers, and I tell them, too, to High School seniors who enjoy them as well as I, even the German step-mother story of the Pansy.

I have used Botany as an illustration because I am more familiar with that study than with the others, but the same methods can be used with Zoology and Geology.

As to books for teachers' use, there are several which are cheap, plain and reliable. Dr. Gray's "How Plants Grow," and "How Plants Behave," can be found for examination in our City Library. "Guides for Science Teaching," are small books published under the auspices of the Boston Society of Natural History, by Ginn, Heath & Co. They vary in price from ten to twenty-five cents. There are nine numbers published and three in preparation. Numbers one, two, four and twelve would be helpful. "About Pebbles," "Concerning a Few Common Plants," "A First Lesson in Natural History," by Mrs. Agassiz, and "Common Minerals and Rocks." "A Half Hour in Natural History" is about ants. This and "About Leaves," by Sir John Lubbock, can be had for three and four cents each, of John Alden, Pearl street, New York. "Science Primers," Appleton, New York, costs about fifty cents. "First Steps in Scientific Knowledge," by Paul Bert, a new book published by J. B. Lippincott Co., gives simple facts and illustrations of animals, plants and stones, a little of Physics, Chemistry, Animal and Vegetable Physiology, and is a convenient reference book for either teacher or pupil. Hooker's "Child's Book of Nature," by the Harpers, is an excellent book. "The Swiss Cross," a new monthly magazine of Natural History, published especially for the Agassiz Association, contains much of interest to all, and the reports of chapters show what is being done all over the world. It is one dollar and a half a year. Then there are many text books for higher work. I have mentioned these as helps to be read and the story told to the children, for as I said in the beginning, I am only trying to suggest a few ways for primary teachers. Remember, however, we should not depend too much upon books in our study of Natural History. To be successful we must observe for ourselves, experiment and examine, independently, consulting books that we may name and classify, that we may recognize and name what we find.

"See thou bring not to field or stone
The fancies found in books,
Leave author's eyes, and fetch your own
To brave the Landscape's looks."

You will, I think, find if you follow this work into higher classes that you must use many of these ways which seem almost babyish, with older pupils, and that you can rouse a dull student by these means. You need not be surprised if some of your big boys and girls begin to ask questions and bring things to talk about. Form societies for them where they can meet and compare notes. You can help us in this work more than you dream.

Try what you can do this next spring time, and see if you have not learned more and enjoyed more than ever before. You will be ready to exclaim with one of my girls, "How many things we didn't know anything about, and we don't know much now."

MADISON, Feb., 1887.

Although there is always danger of getting too many things into a course of study, yet it has seemed desirable to give occasional brief general exercises intended to call out items of

general information, and to develop the habit of noticing and forming a judgment concerning current events. We want our students to take time to learn more than merely the things contained in their text books. We want them to study, not merely to be able to pass an examination in certain branches, but to acquire the faculty of appropriating whatever knowledge will be useful to them, and to be able to express their opinions readily and intelligently on matters of general interest. The exact learning of books imparts the most valuable discipline. But the practical scholar needs to have this learning supplemented by the broad, liberal, prompt judgment gained by observation and contact with the affairs of the world.

LIBRARY.

Valuable additions to the library have been made during the year. For reports of the U. S. Geological Survey, and other public documents of value, we are indebted to Hon. Philetus Sawyer, Hon. John C. Spooner, Hon. Robert M. La Follette and Capt. Hugh Lewis.

GRADUATING CLASS.

The graduating class of 1887 numbered twenty-seven, classified in courses of study, ancient classical, six; modern classical, twelve; scientific, eleven; English, one. Three completed both the ancient classical and modern classical courses, and a fourth, in addition to the modern classical, completed the prose Greek of the ancient classical. Nearly all of these entered the State University, and in addition to these, twenty-three others of the third year class were admitted to the University. This will account for the small number in the class to graduate in 1888.

The teachers are earnest in trying to persuade students to complete thoroughly the courses of study upon which they have entered. Many of the students will pursue no higher course, and it is a leading purpose of the school to afford to such a good, thorough education, preparing them for active business life and intelligent citizenship.

To those preparing for higher institutions, it is also deemed important that they make thorough their work of preparation. In the classical courses there is nothing that is not required for

full entrance to colleges and the State University. We are firmly of the opinion that it is essential that students complete their courses thoroughly, instead of seeking entrance to the higher institutions, poorly prepared, and upon conditions.

And even additional time spent in the practice of English composition, in the acquisition of general knowledge, and in attaining greater maturity, would be highly advantageous, as has been proved in special cases.

And there is observable in catalogues and circulars of colleges and universities throughout the country, a healthful purpose to increase the requirements and raise the standard of scholarship. This will be most helpful to all the lower schools that are doing the work of preparation.

VISITORS' REPORTS.

The committees of citizens to visit and examine during the year the different departments of the schools, were interested and zealous in the work they were requested to do. Their reports were frank and critical. While they were intended to be confidential, portions of them are herewith given:

MADISON, Dec. 28, 1887.

Judge J. H. Carpenter, President Board of Education:

The committee appointed by you to visit the various primary schools of the city during the past year, consisting of Mrs. J. W. Stearns, Miss Eleanor B. Favill and myself, would respectfully report that, we have complied with your request, and that so far as we are able to judge, we believe them to be in good condition.

That some teachers are more successful in their methods than others, you are of course, well aware, but that all are doing good, conscientious work, we feel assured, and cannot doubt that under the watchful care of the Board of Education, these schools will continue to be a credit to our city.

Very respectfully,

SARAH E. CHAPMAN,
Chairman of Committee.

" * * * Provision should be made for more perfect ventilation. * *

"If some rooms could be set aside for a simple gymnasium in the school building, to be used on rainy days or by such pupils as could not go out, it would add greatly to the health of the school. * * * The classes which I visited were well conducted, and the interest in most of them good. * * I attended the entrance examinations on two occasions, and considered that the examination in U. S. History would have given a more satisfactory test of the children's knowledge if it had dealt more with events and less with

dates. The result of the examination showed that the children need some general reading in U. S. History in the High School; their knowledge on entering there is often limited to dry facts. They should know more and care more for the history of their own country, and there are excellent books, lives of eminent Americans, stories of special periods, or localities, which would make the subject of more living interest to them. If any of these could form reading exercises, it would be very useful. * * * More interest should be taken in singing. Many scholars who have good voices are unwilling to sing at all. * * * The decided success of the High School Glee Club shows how much could be made of the musical talent in the High School. * * *

MARGARET ANDREWS ALLEN."

To the Board of Education:

GENTLEMEN — While there are inequalities, of course, in the work of the various teachers, we feel that the work done is extremely satisfactory, the average of faithfulness is high. We wish to commend the harmony and good feeling which prevails in the teaching force, and the unity of counsel and spirit which is evident. A school has much to contend with when there exists a spirit of jealousy and dissension among those in charge of it. The discipline and order are to be wholly commended. Without undue severity, there is yet a wholesome restraint which is proper and salutary, and which does not appear to be irksome. So far as we could see, a spirit of subordination and loyalty to the school seemed to prevail, with hardly an exception.

While in some rooms the methods of instruction were especially to be commended, they seemed in all to be well adapted to interest and develop a knowledge of the subject taught. * * * The other members of the committee give their unqualified approval to the suggestions in Mrs. Allen's report as to the matters of ventilation, exercise and music.

As to the hygienic surroundings and the provisions for maintaining the health of the pupils, too much cannot be said, nor can it be said too strongly. A sound physical foundation is necessary for any kind of mental superstructure which will be serviceable and satisfactory to its possessor. We should be especially watchful in the matter of ventilation, that we secure an abundant supply of fresh air when so many pupils in a single room are taxing the functions of the brain and needing the very best blood supplies for it.

Connected closely with ventilation is proper exercise during recesses. The committee heartily approves the suggestion of Mrs. Allen, that some suitable place within doors should be provided for the pupils in bad weather, for systematic exercise. * * * It has been suggested that the space in the third story of the new High School building be fitted up as a gymnasium.

More ought to be made of singing; to say nothing of the advantages in all one's after life, of a practical knowledge of singing, it seems to us that the school could be made more profitable and bright for all purposes, by a proper use of music. According to the plan of instruction in the ward schools, the pupils in the High Schools should be well grounded in the rudiments of music, and able to read simple music at sight. Much could

be added to the attractiveness of the regular sessions of the school, as well as of special occasions. A new opportunity in this respect will be added in the large assembly room in the new building, full of young people. New and attractive music might be selected and a new interest in the subject aroused. * * *

The committee have noticed with regret that a large number of the class that should have staid and graduated the coming year, left the High School for the University, last June, with what must be, relatively, an imperfect preparation for entrance. We think this must have a disastrous effect upon the standard of study. It lessens the authority and dignity of the High School, and tends to make the pupils satisfied with a slipshod and imperfect preparation for future study. Every means possible should be used to induce the pupils to complete the course of study as laid down. * * *

We cordially approve of the plan in the management of the school, which provides for such a division of labor among the teachers of the school that those having special adaptability and success in teaching any particular branch, should teach that branch only. * * *

We wish to thank you for entrusting to us such a pleasant and important duty. We would earnestly advise the continuance of such a plan of visitation in the future. Nothing can be more salutary or more inspiring to both teachers and scholars than the frequent visits of the patrons of the schools. Such a plan is in the right direction and tends to bring the school and its patrons into closer and better relations.

F. J. LAMB,
C. F. SHELDON,
Mrs. W. F. ALLEN,
Mrs. W. A. MCATEE,
Miss C. L. WARE.

It is proper to say that the Building committee, in their plans for the new Third ward and High School buildings, had made provisions for suitable and convenient places for gymnastic exercise.

It is encouraging to notice an increasing interest in the schools on the part of the people of the city. This is made evident by their liberality in providing the means for all the accommodations and equipments that have been needed. With the encouragement given, the teachers will endeavor to be faithful, cheerful and efficient in the work that is given them to do.

WM. H. BEACH,
Superintendent.



HIGH SCHOOL GRADUATES,

CLASS OF 1875.

Archibald Durrie,
Charles Lamb,
Oliver Ford,*
Howard Hoyt,
Frank Huntington,

Charles Oakey,
Thomas Parr,
William Kollock,
Edward Oakley,
William Windsor,

Hattie Thoms,
Carrie Billings,
Ella Hickok,
Annie Horne.

CLASS OF 1876.

Henry Favil,
Alfred Patek,
Henry Wilkinson,
Stanley Proudfit,
Charles Hudson,
George Morgan,
Henry Mason,

William Morgan,
Willis Hoover,
Euphenia Henry,
Sarah Dudgeon,
Hattie Huntington,
Nettie Nelson,
Stella Ford,

Carrie French,
Carrie Kellogg,
Margaret Coyne,
Kitty Kelly,
Maria Dean,
Lizzie Bright.

CLASS OF 1877.

Anton Bjornson,
William Lyon,
Willard Snell,
Charles Kerr,
Salmon Dalberg,
Colin Davidson,
Edmond Burdick,
Walter Chase,

James Young,
George Byrne,
Howard Smith,
Frank Hyer,
Anna Bntler,
Julia Clark,
Lizzie Dresser,
Emma Bascom,*

Florence Bascom,
Hattie Stout,
Fannie Hall,
Jennie McMillan,
Minnie Hopkins,
Frankie Steiner,
Matie Noble,*
Jennie Williams,

CLASS OF 1878.

Henry Pennock,
Wendell Paine,*
William Oakey,

William Dodds,
Walter Pearson,
Sarah Chambers,

Lucy Gay,
Mary Storm,

CLASS OF 1879.

August Umbrite,
Julia Ray,
Rosa Fitch,

Lillie Beecroft,
Mary Wright,
Alice Lamb,

Sarah Clark,
Jennie Lovejoy.

COMMERCIAL COURSE.

Edgar Doty,
Cyrus Guile,

Sophie Klauber,

Nettie Estabrook.

*Deceased.

CLASS OF 1880.

Harry Moseley, McClellan Dodge, Julius Burdick, James Morgan, Louise Davids, Rose Case, Agnes Butler, Clara Baker,	Kitty Moody, Lulu Byrne, Emily Prescott, Flora Mears, Therese Cosgrove, Clarissa Gano, Anna Durrie,	Lucy Smith, Nettie Smith, Nellie Phelps, Kate McGill, Josephine Hossman, Flora Pollard, Fanny Langford.
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COMMERCIAL COURSE.

Walter Williams, Oscar Schlotthauer,	Marcus Moody, Frank Rathbun,	Emma Case.
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CLASS OF 1881.

Robert Hinrichs, Alice Linderstrom, Lucy Herfurth, Mary Oakey, Daisy Greenbank,	Fannie Ellsworth, Jessie Partridge,* Emma Smith, Helena Bjornson,	Rosa Dengler, Lizzie McMillan, Frederica Bodenstein, Grace Clark,
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COMMERCIAL COURSE.

B. Halligan, Charles Ott,	Peter Riedy, Bertie Rundle,	Cuthbert Smith, Emma Jones.
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CLASS OF 1882.

Elmer Combs, Mary Edgar, Lillie Cutler, Minnie Gill,	Elizabeth Heney, Mary Connor, Lillie Clement, Kate Devine,	Jessie Lewis, Lelia Dow; Maggie Robb,
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COMMERCIAL COURSE.

Howard Bishop, Henry Scampton,	Frank Karstens, Carrie Crane,	Maggie Robb.
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CLASS OF 1883.

William Rosenstengel, ← Albert Rundle, Daisy Beecroft, Frankie Brooks,	Mamie Farley, Nellie Jewett, Libbie Klusmann, Etta Patterson,	Louise Armbrecht, Eleanor Crowley, Fannie Gay, Emma Hyland.
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COMMERCIAL COURSE.

← Harry Briggs, Harlow Ott, Carl Nelson,	Emily Steinle, Minnie Trimmer,	Sarah Deards, Ella Kennedy.
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CLASS OF 1884.

Addie Lindley, Annie Hauk, Julia Dalberg, Inger Conradson,†	Ida Herfurth, Alice Rodermund,* Sophie Lewis,	Temmie Deards, Mollie Conklin, Laura Hinrichs.†
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* Deceased.

† Completed certificate course, but received full course diplomas, having attained a standing of more than 90 per cent. in all their studies.

CLASS OF 1885. *may*

Lillie D. Baker,
James B. Kerr:
Annie A. Nunns,
Olive E. Baker,

Leonore L. Totto,
Sophie S. Goodwin,
Sue G. Tullis,
Blanche L. Ryder,

Alice Goldenberger,
Jennie A. Jones,
Delia A. Kelley,

CLASS OF 1886.

Jenn William Anderson,*
Eldon J. Cassoday,
Charles M. Mayers,
Ben C. Parkinson,
Henry G. Parkinson.
Kittie Maud Bruce,
Robert C. Burdick.

Mary F. Carpenter,
Lelia Monona Gile.
Rolin C. Hill,
Frances A. Kleinpell,
Grace A. Lamb,
Florence M. Smith,
Zilpha M. Vernon,

Kittie M. Bruce,
Nora R. Culligan,
Emma Loretto Dowling,
Margaret A. Foren,
Ottillia C. Stein,
Anna E. Tarnutzer.—

CLASS OF 1887.

ANCIENT CLASSICAL.

\$ Bessie Cox, *v*
Fayette Durlin,

Marion T. Janeck,†
Paul S. Richards, *!*

May E. Sanborn,†
Elsie Veerhusen,†

MODERN CLASSICAL.

Sept 14 Florence E. Baker,†
Charles A. Dickson,
Marion T. Janeck,†
Bertha M. Mayer,

May E. Sanborn,†
Thomas K. Urdahl,
Augusta J. Bodenstein,
John F. Donovan,

Carl A. Johnson,
Arthur F. Oakey,
Carrie M. Smith,
Elsie Veerhusen,†

SCIENTIFIC.

Frederick W. Adamson,
Lewis A. Bender,
Sarah E. Gallagher,
Daisy D. Lindley,

Oscar F. Minch,
Andrews Allen,
William F. Ellsworth,
Elizabeth M. Henwood,

Rose M. Minch,
Helen L. Winter, *W. W.*
Calvin Z. Wise. *" "*

ENGLISH.

George G. Thorp. — *W. W.*

* Deceased.

† Completed both Ancient Classical and Modern Classical courses.

‡ Modern Classical with the Prose Greek of the Ancient Classical.

NOTE.—Twelve students finished the Certificate Course with the Class of 1881, thirteen with the Class of 1882, eleven with the Class of 1883, twelve with the Class of 1884, fourteen with the Class of 1885, and four with the Class of 1886. Also, three finished the Normal Course, 1885. Certificate Courses abandoned after 1886.

CATALOGUE

OF THE

PUBLIC SCHOOLS OF MADISON, WISCONSIN,

For the Year Beginning with the Spring Term of 1887.

HIGH SCHOOL.

GRADUATING GRADE.

<i>Ancient Classical</i> —		
Bessie Cox, ✓	Marion T. Janeck, ✓	May E. Sanborn, ✓
Fayette Durlin, ✓	Paul S. Richards, ✓	Elsie Veerhusen, ✓
<i>Modern Classical</i> —		
Florence E. Baker, ✓	May E. Sanborn, ✓	Carl A. Johnson, ✓
Chas. A. Dickson, ✓	Thomas K. Urdahl, ✓	Arthur F. Oakey, ✓
Marion T. Janeck, ✓	Augusta J. Bodenstein, ✓	Carrie M. Smith, ✓
Bertha M. Mayer, ✓	John F. Donovan, ✓	Elsie Veerhusen, ✓
<i>Scientific</i> —		
Fred. W. Adamson, ✓	Oscar F. Minch, ✓	Rose M. Minch, ✓
Lewis A. Bender, ✓	Andrews Allen, ✓	Helen L. Winter, ✓
Sarah E. Gallagher, ✓	William F. Ellsworth, ✓	Calvin Z. Wise, ✓
Daisy D. Lindley, ✓	Elizabeth M. Henwood, ✓	
<i>English</i> —		
George G. Thorp, ✓		

FOURTH GRADE.

<i>Ancient Classical</i> —		
Helen Thorp, ✓		
<i>Modern Classical</i> —		
Henrietta Kleinpell, ✓	John McNaught, ✓	Henry Morgan, ✓
<i>Scientific</i> —		
Annie Bremer, ✓	* Carletta Anderson, ✓	* Samuel Piper, ✓
Samuel Lamont, ✓	* Thomas Farness, ✓	* Mabel Fleming, ✓

THIRD GRADE.

<i>Modern Classical</i> —		
Martin Baker, ✓	Elizabeth Donoughue, ✓	* Emma Nelson, ✓
Agnes Bowen, ✓	* Charles Doyon, ✓	Mary Oakley, ✓
Frances Bowen, ✓	* William Fitch, ✓	Annie Oakey, ✓
Catherine Brown, ✓	Margaret Kiper, ✓	* Mary Smith, ✓
* Bertha Cassody, ✓	Edith Locke, ✓	Louis Sumner, ✓
Ella Davis, ✓	* Helen Mayer, ✓	Amy Young, ✓

* Not fully up.

THIRD GRADE—continued.

English —

Wilfrid Chase,	Charles Thuringer,	* John Jackson,
Margaret Cunningham,	Emma Sitterly,	* Robert Jonas,
Alice Hawkins,	* Theresa Byrne,	* Louise Kingsley,
Hannah Herfurth,	* Lucy Conklin,	* Minnie Luebkemann,
Sabena Herfurth,	* Julia Fischer,	* Helen Luft,
Herman Minch,	* Edward Gernon,	* Olive Thayer.
Grace Reynolds,		

Ungraded —

William Ashley,	William Harrington,	Mary Murray,
Bert Ainsworth,	William Hewit,	Harold Phillips,
Alice Beecroft,	Lizzie Hughes,	Mary Pickarts,
Alice Burdick,	Fred Jefferson,	Frank Porter,
Kittie Catlin,	Grace Johnson,	Emma Rosenstengel,
Burnie Chapman,	Nettie Jones,	William Rothwell,
Della Clarke,	George Keenan,	Florence Stearns,
Louis Claude,	Nellie Leith,	Alvan Small,
Sarah Connor,	William Leu,	Louise Sommermeyer,
William Coyne,	Kate Lyon,	Henry Sommermeyer,
Michael Cunningham,	Mary Lyon,	John Sweeney,
Annie Delaplaine,	Edward Main,	Edward Troan,
Matthew Gay,	Mary Main,	Le Roy Warren,
Henry Geiger,	Alice Miller,	Mary Watbridge,
Ella Gernon,	Thomas Miller,	Jesse Winter,
Alice Gill,	Birdie Morrison,	Jennie Wiren.
Catherine Griffiths,		

SECOND GRADE.

Ancient Classical —

Frank Bowman,	Walter Kleinpell,	Sidney Sheldon,
Dwight Freeman,	Jennie Pitman,	Charles Tenney.

Modern Classical —

George Anderson,	Theodore Herfurth,	Isabel Lomia,
Ottmer Boehmer,	Helen Kellogg,	Willie McNaught,
Mary Cramer,	Harry Kellogg,	Susan Regan,
Lucius Davidson,	Mary Kelly,	Rudolph Rosenstengel,
Myrtle Dow,	Irma Kleinpell,	Eugene Smith,
Harry Hamburger,	† Clement Lewis,	Bessie Smethurst,
Grace Hopkins,	Dena Lindley,	Caro Young.

English Course —

Lillie Allen,	William Gillet,	Carl Smith,
Lizzie Armstrong,	Cornelius Knudson,	Mark Smith,
May Bryant,	Maggie Lamont,	Emma Surr,
Etta Coyne,	Llewellyn Miller,	Frank Vaughn,
Lizzie Foren,	Thomas Nelson,	Luvia Willott,
Pauline Geiger,	Arthur Pardee,	John Replinger.

Irregular —

William Allen,	Olive Gill,	Samuel Martin,
Charles Anderson,	India Gile,	Susan Main,
Kittie Brand,	Adelta Gaston,	Helen McMynn,
Clarence Brand,	Adelia Gaston,	Lucile Phillips,
Clara Davies,	Bertha Helm,	Albert Studemann,
Mary Foster,	Stephen Madigan,	John Wright,

* Not fully up. † Deceased.

ROOM II.

Classical —

~~Wilbur Ball,~~
~~Hobart Bird,~~
~~Clara Berryman,~~
~~Minnie Blanchard,~~
~~Laurence Curtis,~~
~~Harry Curtis,~~
~~Horace Davis,~~
~~Vernor Green,~~
~~G. Herbert Greenbank,~~
~~Lyle Humphrey,~~ 2
~~Stanley Hanks,~~

~~Wallace Hollenbeck,~~
~~Ernest Jarman,~~
~~Lucy Jones,~~
~~Hobart Johnson,~~
~~Fred Janeck,~~
~~Robert Maffet,~~
~~Sarah McConnell,~~
~~Washington Oakey,~~
~~Henry Potter,~~
~~Annie Pitman,~~

~~Jessie Shepherd,~~
~~Frank Sommermeyer,~~
~~Richard Stone,~~
~~Maude Smith,~~
~~August Stock,~~
~~Louis Taylor,~~
~~Mary Thorp,~~
~~Florence Vernon,~~
~~Ada Winterbotham,~~
~~Sallie Warner.~~

English —

~~Alice Armstrong,~~
~~John Anderson,~~
~~Josie Billings,~~
~~Minnie Bird,~~
~~Blanche Bird,~~
~~Daisy Carville,~~
~~Jessie Carmon,~~
~~Alice Doty,~~
~~Josie Deming,~~
~~Lelia Ellsworth,~~

~~Eva Gillett,~~
~~Ruth Gibbons,~~
~~John Hayes,~~
~~Wm. Hancock,~~
~~Henry Jefferson,~~
~~Carl Johnson,~~
~~James Keeley,~~
~~Elizabeth Latley,~~
~~Anna McConnell,~~

~~Lillian Nicodemus,~~
~~Napier Nunn,~~
~~Wm. O'Laughlin,~~
~~Amund Reindahl,~~
~~Kate Regan,~~
~~Matthew Reynolds,~~
~~Lillian Leary,~~
~~Isabel Smith,~~
~~Hannah Vincent.~~

Special Students —

~~Clifford Baker,~~
~~Wm. Bradberry,~~
~~Wm. Beecroft,~~
~~Maggie Cunningham,~~
~~M. Lois Catlin,~~
~~Blanche Gillett,~~

~~Bertie Garnhart,~~
~~Horace Gill,~~
~~Viola Hawley,~~
~~Martha Isom,~~
~~Jessie McKenna,~~
~~Robert Murphy,~~

~~Nellie McGovern,~~
~~Harriet Pier,~~
~~Unica Sloat,~~
~~Bertha West,~~
~~Lizzie Welsh.~~

ROOM I.

Classical —

~~Walter Bartsch,~~
~~Louise Baumann,~~
~~Lucie Cosgrove,~~
~~Alice Davis,~~
~~Fanny Doyle,~~
~~Janette Doyon,~~
~~Vernor Green,~~
~~Carlyle Gile,~~

~~Anna C. Griffiths,~~
~~Caroline Hauk,~~
~~Ida Helm,~~
~~George A. Kingsley,~~
~~Caroline Kohner,~~
~~Carl Lawrence,~~
~~* Mina Meyer,~~

~~Robert Montgomery,~~
~~Lucius Reed,~~
~~Martha Scheibel,~~
~~Ida Sargent,~~
~~Halbert Steensland,~~
~~Wm. Tenney,~~
~~Herman Winter.~~

English —

~~Letitia Brooks,~~
~~Nora Boehmer,~~
~~Louise Bowker,~~
~~Julius Breitenbach,~~
~~Margaret Caldwell,~~
~~John Dais,~~
~~Minnie Deards,~~
~~Della Dinneen,~~
~~John Drives,~~
~~Caroline Erickson,~~
~~Therese Flagler,~~

~~Emit Frautschi,~~ 3
~~Carrie L. Gilman,~~
~~Millie Gohlka,~~
~~Norman Goodenow,~~
~~Nellie Green,~~
~~Peter Higgins,~~
~~Martha Holt,~~
~~May Judkins,~~
~~Kittie Luft,~~
~~Michael Lynch,~~
~~Frances Kiper,~~

~~Josie Klausman,~~
~~George W. Morgan,~~
~~Oscar Nelson,~~
~~Cora North,~~
~~Jennie O'Connell,~~
~~Anna Rasdall,~~
~~Anna Schmederman,~~
~~Ernst Smith,~~
~~John Suhr,~~
~~Fanny Walbridge.~~

ROOM II. — continued.

Ungraded —

~~Edward Alley,~~
~~Arthur Angove,~~
~~Ellen Conners,~~
~~Mary Donovan,~~
~~Wm. Eavison,~~
~~Minnie Fink,~~
~~Dora Fredrickson,~~
~~Bariah Haymer,~~
~~Jennie Henry,~~

Ellen Kelly,
 Mary Lawrence,
 Susan Main,
 Jennie Mills,
 Wilhelmina Miller,
 Ella McDougal,
 John Norseman,
 Elizabeth O'Sheridan,
 Edna Allen Pardee,

~~Estella Schulhof,~~
~~Carl Snyder,~~
~~Ida Stein,~~
~~May St. John,~~
~~John Schweinhem,~~
~~Lillian Whare,~~
~~Agnes Usher,~~
~~Marion Walkenshaw.~~

FIRST WARD.

SECOND GRAMMAR DEPARTMENT—EIGHTH GRADE.

Nellie Ainsworth,
 Helen Baker,
 Fred DeWolf,
 Anthon Esser,
 Lottie Freeman,
 Jessie Garnhart,

Sadie Gallagher,
 Kittie Gill,
 George Griffiths,
 Annie Hazeltine,
 Roland Hastreiter,
 Fannie Holt,

Roy Mahard,
 Hattie Memhard,
 Christina Peterson,
 Charley Replinger,
 Iva Welsh,
 David Wright.

SEVENTH GRADE.

Guy Bruce,
 Tillie Cnare,
 Carrie Dodd,
 Vickie Fish,
 Teresa Fitch,
 Edith Green,
 Grace Greenbank,
 Mamie Griffiths,
 Bessie Gernon,

Ella Heiliger,
 Briard Jones,
 Effie Jones,
 Carl Karstens,
 Richard Lewis,
 Mary Malec,
 Myrtle Miller,
 Hattie Minch,

Ina Minch,
 Hattie Rosenstengel,
 Charley Riley,
 Frank Riley,
 George Riley,
 Mary Soehle,
 Edmund Suhr,
 Gussie Wood.

FIRST GRAMMAR DEPARTMENT—SIXTH GRADE.

Oscar Alpeter,
 Clay Berryman,
 Emma Bibbs,
 Peter Bohren,
 Frank Carkhuff,
 Allie Daggett,
 Jennie Davis,
 Florence Gage,
 George Hamilton,

Albert Henwood,
 Herbert Hollenbeck,
 Maurice Johnson,
 Susie Knight,
 Royal Main,
 John Main,
 Toney Malec,
 Clare Memhard,

Minnie Nichols,
 Jacob Omen,
 John Peterson,
 Alice Schulhof,
 Madge Shellenberger,
 Francis Shepherd,
 Dora Soehle,
 Alfred Thayer,

FIFTH GRADE.

Hjalmar Anderson,
 Edward Atwood,
 Christian Bohren,
 Frances Bruce,
 Mata Buerger,
 Herman Buerger,
 Matilda Cook,
 George Fett,
 John Gallagher,

Edith Gibson,
 Sarah Griffiths,
 Marshall Hanks,
 Gertrude Kern,
 Bernice Lyon,
 Mary Malec,
 Emma Memhardt,
 Walter Minch,

Floyd Peet,
 Betty Peterson,
 Etta Sargent,
 Fred Shepherd,
 Otto Smith,
 Anna Strasilipka,
 William Taylor,
 Olive Tift.

SECOND PRIMARY—FOURTH GRADE.

James Beck,	Kitty Dorris,	Mary Pollock,
Emma Binnewies,	Ethelyn Green,	Roxana Roesch,
Josephine Binnewies,	Claudia Hall,	Willie Schleuter,
Willie Bibbs,	Roy Hill,	Adolph Schmidt,
Ida Bratrud,	Louis Hobbins,	Theodore Soehle,
Harry Chase,	Mabel King,	Denton Smith,
Carroll Davis,	Jessie McNamee,	Percy Tracy,
Beatrice DeWolfe,		

SECOND PRIMARY DEPARTMENT—THIRD GRADE.

Arthur Adamson,	Henry Hollister,	Florence Shepherd,
George Anderson,	Bessie Jones,	Fred Soehle,
Grace Anderson,	Caroline King,	Edna Stone,
John Bibbs,	Fred Miebohm,	Julia Strasilipke,
John Bourke,	Charles Malec,	Bertha Suhr,
Frank Coyle,	Amy Nichols,	Stella Watson,
James Cromey,	Minnie Schleuter,	Charlotte Wood.
Dorothea Curtiss,		

FIRST PRIMARY DEPARTMENT—SECOND GRADE.

Berthold Beck,	Allie Malec,	Otho Reed,
Arthur Bestor,	Carl Minch,	Raynard Reed,
Minnie Boelsing,	Lizzie Miebohm,	Jessie Roesch,
Albert Cromey,	Florence Nelson,	Frank Schmidt,
Michael Devitt,	Flora Peet,	Lestor Thorp,
Jennie Farrar,	Minnie Peterson,	Lyndon Tracy,
Sybil Farrar,	Gustaff Polleck,	Stanley Welch,
Frank Fett,	Hattie Polleck,	

FIRST PRIMARY DEPARTMENT—FIRST GRADE.

Arthur Anderson,	Bertha Griffiths,	Etta Omen,
Gertrude Anderson,	Otto Heiliger,	Hattie Peet,
August Binneweis,	Clarence Hill,	Volmer Peterson,
William Binneweis,	Clifford Hill,	Charles Reuter,
Howard Blakesly,	Annie Kavanda,	George Schutt,
Mabel Bradley,	Willie Kern,	Willie Schutt,
Annie Corcoran,	Ralph King,	Blanche Skinner,
John Cummings,	Fannie Malec,	Dora Stair,
Agnes Devitt,	John Malec,	Angus Sykes,
John Doris,	Theodore Mohrhussen,	Harry Sykes,
Paul Fish,	Walter Mohrhussen,	Stella Tift,
Henry Freeman,	Julia Morris,	Otto Torhauz,
Mabel Forgeot,	Birdella North,	Edward Turner.
Everett Green,		

SECOND WARD.

EIGHTH GRADE.

Ella Albertson,	Curtiss Gordon,	Louis Randall,
Otto Anderson,	Fred Gussman,	Walter Sheldon,
Arthur Angove,	Grace Hoyt,	Lavinia Smith,
Edward Baumann,	Walter Hyland,	Alida Sprague,
Lillie Berg,	Oscar Janeck,	Walter Stock,
Gertie Bradberry,	Kenneth Lieth,	Luth Swenson,

EIGHTH GRADE—continued.

Carrie Bucey,
John Bucey,
Warren Bush,
Agnes Comeford,
Grace Cory,

John Longfield,
Eva McFarland,
Emma Meibohm,
Fred Morrill,
Lillie Nielson,

Thomas Wilkinson,
Nellie Wilkinson,
Bessie Wilson,
Addie Wootton.

SEVENTH GRADE.

Louise Bird,
Kittie Corscot,
George Cramer,
May Cunningham,
Lucy Decker,
Harry Deards,
Bert Doyon,
John Doyle,
Flora Grube,
Paul Gurnee,
Jane Habich,
Annie Habich,
Isabel Holt,

John Hossman,
James Houston,
Eva Hoyer,
Dora Knuteson,
Sarah Lahm,
Mary Langley,
Bertha Leatzow,
Arthur Lee,
John McKenna,
Henry Meyers,
Jessie Montgomery,
Hiram Nelson,
Minnie Olsen,

Eliza Pollard,
Ella Rinder,
George Smith,
Eddie Sommermeyer,
Emma Stoppeworth,
Eddie Swain,
Robert Sutcliffe,
Carrie Smith,
Alma Stock,
Jessie Sherwood,
Barney Voss,
Maud Thorp,

SIXTH GRADE.

Matilda Albertson,
Alma Anderson,
Josie Anderson,
Sydney Ainsworth,
Arthur Baker,
Hermon Ball,
Harry Bancroft,
Hermon Berg,
May Bennett,
Willie Boyd,
Myra Bradbury,
Bertie Brown,
Allie Carville,
Maud Case,
Michael Conlin,
Lizzie Daubner,
Robert Gay,

Petra Graham,
Ida Grube,
Gilbert Hammer,
May Hudson,
Celia Johnson,
Bertha Kney,
Paul Kney,
Tony Lawrence,
Willie Leatzow,
George Lenzer,
Emory Mills,
Ellen Olsen,
Louis Oyen,
Nora Park,
John Peterson,
John Post,
Harry Purcell,

Benny Purcelle,
Lyda Ryder,
Robert Ryder,
Josephine Schubert,
Stewart Sheldon,
Charles Smith,
John Smith,
Harry Stoltze,
Louisa Swenson,
Josie Thorsness,
Sena Troan,
Angus Udell,
David Umdenstock,
Alvin Voss,
Sophie Walters,
George Weyman,
Sylvia White.

FIFTH GRADE.

Tracy Ainey,
Ella Belden,
Lulu Belden,
Mertie Bernard,
George Bernard,
Lily Case,
Sybil Gale,
Adele Grove,
Frank Habich,
Theodore Harbort,
Louis Herring,
Archibald Hilton,
Russell Jackson,
Reginald Jackson,
Addie Joachim,
Clark Knight,

August Krueger,
Ellen Lamb,
Brown Lamont,
Charles Livesey,
Hattie Livesey,
Minnie Lueders,
Lawrence McConnell,
Helen McKay,
Anna Moe,
Edith Nelson,
Dora Nelson,
Norman Nelson,
John Niebuhr,
Theodore Niebuhr,
Jeanie Park,

Nettie Peterson,
Edward Reynolds,
Blaine Rusk,
Nora Ryder,
Etta Senger,
Theodore Senger,
Cora Schneider,
Goldwin Smith,
James Sumner,
Nina Swift,
James Van Keulen,
Paul Winter,
Amelia Wayman,
Paul Winter,
Fanny White,

FOURTH GRADE.

Cora Ainey,
 Anna Ambrecht,
 Willie Barney,
 Frank Dacy,
 Lillie Erickson,
 Josie Fuller,
 Millie Gath,
 Amanda Godenschwager,
 Clarence Isaacs,
 Ida Johnson,
 Eddie Joachim,
 Mont Johnson,
 Henry Johnson,
 Clara Johnson (dead),

Ena Kney,
 Etta Kasner,
 Arthur Koehn,
 Eddie Kneutzen,
 Philip Kuehne,
 Mollie Lawrence,
 Theobald Leatzow,
 Harmon Langley,
 John Lahm,
 Charles Meyer,
 Warren Nye,
 Emma Olson,
 Chelsea Pratt,
 Grace Rogers,

Albert Riebe,
 Philip Rinder,
 Marcia Sunier,
 Adelbert Schmedt,
 Anna Swain,
 John Stock,
 Carl Thomas,
 John Umdenstock,
 Fred Williamson,
 Arthur Woods,
 Charles Weeks,
 Guy Woodford,
 Eddie Wilson,
 Mabel Young.

THIRD GRADE.

Lottie Anderson,
 George Albertson,
 Bessie Bird,
 Mary Brahany,
 Thomas Boyd,
 Ellen Berg,
 Walter Deards,
 Morten Davidson,
 Alvin Erickson,
 Flora Gath,
 Arthur Grube,
 Eliza Harrington,
 Charles Hickman,
 Edward Hoebel,

Christian Hoyer,
 John Johnson,
 Emlen Knight,
 Richard Keeley,
 Willie Kretz,
 Otto Kney,
 Maggie Lewis,
 Arthur Lewis,
 Prentiss Livesey,
 Evarts McKay,
 Bergin Moe,
 Ingwold Nelson,
 Eddie Olson,

Ethel Raymer,
 Edmund Riebe,
 Rose Smith,
 Ole Selland,
 Otto Schmederman,
 Mena Svenson,
 Lulu Thomas,
 Albert Tandvig,
 Maud Van Keulen,
 John Wilkinson,
 Fred Willott,
 Florence Welland,
 Della Wilson.

SECOND GRADE.

Bertha Anderson,
 Hobart Belden,
 Emma Bucey,
 Grace Bradley,
 Wallace Brown,
 Charles Cox,
 Oliver Cox,
 Herbert Curtis,
 Millicent Curtis,
 Louis Carville,
 Ralph Carville,
 Clarence Comstock,
 Elizabeth Dasey,
 James Doyle,
 Vernoika Friedrich,
 Ingar Foss,
 Mamie Habich,
 Bertha Harbort,

Lawrence Hessing,
 Carl Hoebel,
 Sammie Hilsenhuff,
 Gerhard Jacobson,
 Matie Koehn,
 Albert Knutson,
 Maud La Pan,
 Genevieve Longfield,
 Louisa Lawrence,
 John Langley,
 Nellie Longfield,
 Annie Longfield,
 Lulu Malaney,
 James Malaney,
 Ada Montgomery,
 Leonard Nelson,
 Josephine Nelson,
 Tom Olson,

Olaf Olsen,
 Herman Pfund,
 Arastes Rowley,
 Clara Stock,
 John Schott,
 Mabelle Smith,
 Addie Schneider,
 Eddie Sauthoff,
 Helena Senger,
 Camilla Smith,
 Henry Smith,
 Oliver Tyler,
 Harry Teckemeyer,
 Chas. Van Kulen,
 Hannah Wilkinson,
 Lizzie Wilkinson,
 Lillian Wood,
 Ella Woodford.

FIRST GRADE.

Amy Allen,
 Lizzie Anderson,
 Sanford Anderson,
 Iva Brown,

Blanche Hessing,
 Jennie Hickman,
 Lora Halverson,
 Otto Hoebel,

Mabel McKenna,
 St. Clair Morris,
 Annie Nielson,
 Roberta Noe,

FIRST GRADE—continued.

Sarah Bucey,	Helmer Hanson,	Walter Noe,
Bertha Bradbury,	Anton Hoyer,	Charles Nye,
Frank Brooks,	Roy Hubbard,	Olaf Nelson,
James P. Brahany,	George Joachim,	Nora Olson,
David Berg (died May 6)	Edith Knutson,	Earl Oakley,
Philip Berryman,	Maggie Kingston,	Pearl Rowley,
Walter Brown,	John Kingston,	Maud Rogers,
Annie Chamberlain,	Frank Kingston,	Eugene Ryder,
Emma Carlson,	Annie Livesey,	Amela Stelter,
Carl Carlson,	Mary Leydon,	Bertha Stelter,
Walter Cox,	Susie Larson,	Ida Stopplesworth,
John Corscot,	Edward Lawrence,	Wm. Schmidt (died),
Fred Chamberlain,	George Lavin,	Alfred Sunier,
Myrtle Downing,	Samuel Longfield,	Nora Thomas,
Maud Dacy,	James Longfield,	Sidney Thomas,
Garhard Davidson,	Fred Longfield,	Alfred Tandvig,
Rosella Ellis,	Harry Livesey,	Anna Umbdenstock,
Berhart Erickson,	Wm. Luckensmeyer,	Ceilie Van Keulen,
Frank Erickson,	Julia Munsell,	Fred Voss,
Alice French,	Anna Mueller,	Alford Wilson.
Richard Frederickson,		

FOURTH WARD.

SECOND GRAMMAR—EIGHTH GRADE.

Etta Billings,	Harry Haven,	Guy Rogers,
Maude Bixby,	Fannie Hilton,	John Slightam,
Veva Couillard,	Edith Mills,	Emma Schermahorn,
Dyson Daggett,	Gussie Nichols,	Ralph Seligman,
Emily Detloff,	Della Nott,	Ada Williamson.
Iva Goodwin,	Reuben Petingill,	

SEVENTH GRADE.

David Atwood,	George Deards,	Henry Noble,
Maggie Blake,	William Fairman,	Charlotte Norton,
May Bardsley,	Marie Fowler,	Willie Powers,
Clara Beck,	Maggie Frank,	Martie Pound,
Mata Breckheimer,	Willie George,	Alta Sawyer,
Helen Copp,	Vaughn Hanchett,	John Sanborn,
Harry Cashen,	Alice Hayden,	Fred Seligman,
Clarice Cook,	Robert Joy,	William Stevens,
Clara Coulthurst,	Bruce Keene,	Louis Small,
Grace Deards,	Fred Montgomery,	Edward Widvey.
Margaret Durlin,	Howard Nichols,	

FIRST GRAMMAR—SIXTH GRADE.

Frankie Billings,	Marion Griffiths,	Florence Slightam,
Lillie Blake,	Josie Griffiths,	Madaline Slightam,
James Baker,	Cora Haven,	Cora Small,
Elwin Barney,	William Johnston,	Lottie Sheasby,
Everett Beck,	Louie Kohner,	Hattie Stephenson,
Josie Comstock,	Lillie Moessner,	Harry Sheasby,
Florence Daggett,	Neva Pratt,	Charles Thomas,
Mary Delmore,	Leo Rullman,	John Young.

FIFTH GRADE.

Florence Bradley,	Jessie Francomb,	Norman Prescott,
Carrie Barnes,	Harry Francomb,	Rose Rathbun,
Artie Baas,	William Fizette,	Ida Robinson,
Harry Cooly,	John Goodwin,	James Slightam,
James Crimmins,	Harry Hanson,	Clarence Slightam,
Thomas Crimmins,	Charles Hanson,	Norman Smith,
Grace Comstock,	Florence Ketchum,	Sanford Snow,
Jennie Deards,	Preston Ketchum,	Maud Vaughn,
Freddie Dettloff,	Adaline McConnell,	Freddie Williamson.
Charles Doris,	Frank McFarland,	

SECOND PRIMARY — FOURTH GRADE.

Arthur Baas,	Jessie Francomb,	Charles Montgomery,
Lulu Ball,	Harry Hansen,	Janet Montgomery,
William Buergin,	John Johnston,	Grace Ramsdale,
May Callaghan,	Mabel Kentzler,	Carrie Riley,
Henry Casson,	Albert Kropf,	Frederick Rudd,
Frederick Christopher,	George Lippert,	Antoinette Schneider,
Sprague Cook,	Patrick McEvelly,	Arthur Seligman,
Martin Coughlin,	Kitty McFarland,	Max Seligman,
Harry Cowie,	Flora Moessner,	William Small,
Frederick Dettloff,	Richard Moessner,	Carl Winkler.
Thomas Fox,		

THIRD GRADE.

Eva Accrs,	Etta Goodwin,	Hubert Schermerhorn,
Edna Bardsley,	Ray Hanchett,	Ella Small,
Edith Bardsley,	Janetta Johnston,	Sarah Soper,
John Cowie,	William Lyon,	Alex Williamson,
Frederick Gillett,	Robert Rathbun,	

FIRST PRIMARY — SECOND GRADE.

Edith Ashard,	Nellie Crimmins,	Bessie Hansen,
Mary Ball,	Martha Crimmins,	Alvina Lipperts,
Grace Bliss,	Kate Doris,	Selma Kropf,
Nettie Blake,	Rolland Estes,	Albert McFarland,
Fannie Baker,	Alice Francomb,	James McNamara,
William Billings,	William Faringer,	Mabel Slightam,
Louise Buergin,	Bessie Griffiths,	Maud Stevenson,
Alice Cowie,	William Hogan,	Murtie Sickles.
Fannie Cooly,		

FIRST GRADE.

Archie Asher,	Stanly Daggett,	Harry Osborn,
Fletcher Billings,	Ernest Faringer,	Gerld O'Callaghan,
Rex Ball,	Belle Gillett,	Albert Pratt,
Edwin Blake,	Daniel Goodwin,	Edith Budd,
Benjamin Blake,	Fred Hansen,	Bunnie Ramsdale,
Millie Brown,	Alva Ketchum,	Percy Seligman,
Clair Brown,	Etta Lipperts,	Addie Sickles,
George Barnes,	Ruth Lyons,	Maud Slightam,
Edward Chase,	Jessie McFarland,	Kate Sanborn.
Herbert Cram,		

FIFTH WARD.

SECOND GRAMMAR — EIGHTH GRADE.

Alice Ashby,	Addie Fields,	Fred Nye,
William Boehmer,	Laura Guenther,	August Rosen,
Frank Cech,	Kitty Hart,	Michael Schlimgen,
Samuel Chase,	May Judkins,	Clara Silbernagel,
Orin Crooker,	Frank Kelly,	Jennie Spencer,
William Davidson,	Kate Knoblock,	Mellie Studeman,
Harry Davies,	Robbie Lally,	Rose Townsley,
Lillie Diment,	Sarah Melville,	Fannie Walbridge.
Minnie Ellis,	Charles Mills,	

SEVENTH GRADE.

Brent Alley,	Peter Fritz,	Herman Rosen,
William Charleton,	Hattie Fritz,	Paul Rosen,
Fannie Charleton,	Frank Haven,	William Sharp,
Jessie Culver,	Clarence Harrington,	Melvin Smith,
Annie Durrie,	Dora Kraege,	Cora Stephenson,
Bertram Eddie,	Lizzie Link,	George Sturm,
Cora Ellis,	Minnie Mautz,	Charles Trask,
Nettie Estee,	Charles Milward,	Nellie Van Deusen,
Lizzie Feeney,	Gussie Paunack,	Carrie Walbridge.

FIRST GRAMMAR — SIXTH GRADE.

William Armstrong,	William Godding,	Stanley Parkinson,
Flora Ashby,	Charles Giles,	Paulina Rosen,
May Brockway,	Dennett Hamilton,	George Scheler,
Minnie Buergin,	Theresia Haveler,	George Shine,
Mollie Cech,	Harry Hopkins,	John Shine,
Howard Crossiboin,	Gertrude Judkins,	Henry Seymour,
Guy Dodge,	Frank Kavanda,	John Sutter,
Dennison Eddy,	Walter Kessler,	Maude Tyner,
George Eichman,	Eva Lloyd,	George Utter,
John Englebery,	George Lorch,	Frank Utzerath,
Lena Estee,	Omro Mills,	Otto Wald.
Charley Estabrook,		

FIFTH GRADE.

Maude Giles,	Minnie Orvis,	Edward Schoen,
George Giles,	Joe O'Leary,	Arthur Utter,
Charles Harrington,	Florence Pond,	Willie Van Wie,
Alice Hook,	William Paunack,	Alice Watson,
Lucy Jenkins,	Charles Prouts,	Ollie Wise,
George Lewis,	Ella Philumalee,	Fred Winterbotham,
William Milward,	Clara Rosen,	Ida Zwicky.
Claude Milward,	Mike Starr,	

SECOND PRIMARY — FOURTH GRADE.

William Andrews,	Guy Johnson,	Mary Shine,
James Andrews,	Fred Knoblock,	William Seymour,
George Buser,	Harry MacKay,	Charles Silbernagel,
Maggie Burke,	Frank Niendorf,	Frank Stephenson,
Mary Durrie,	John O'Leary,	Sarah Trask,
Mary Fritz,	William Parrott,	James Townsley,
William Gates,	Evans Prout,	Ernest Walbridge,
Chauncey Godding,	Sadie Philumalee,	Gay Wilber,
George Hamilton,	Flora Prescott,	William Wickersheimer,
George Hall,	Mary Ryan,	Fred Wickersheimer,
Grace Hawkins,	Emil Scheler,	Daley Wickersheimer,
Soren Johnson,	Rosa Scheler,	John Willett.

THIRD GRADE.

John Burke,
William Bedlinger,
Nena Buergin,
Lizzie Boyle,
Glenn Corlie,
Charles Cech,
Matthew Corry,
Mary Carroll,
Edna Churchill,
George Durrie,
Margaret Estabrook,

Henrietta Flemming,
Laura Foley,
William Fagg,
Marcus Fagg,
Albert Hall,
Albert Hawkins,
William Jones,
Maggie Jones,
Julia Kelly,
Amelia Kohlhepp,
William Kohlhepp,

Clara Mautz,
August Faunack,
Louis Pearson,
May Patrick,
Frank Tuttle,
Grace Tyner,
Minner Utter,
Mabel Van Wie,
Charles Wilber,
Rose Winterbotham,
George Willett.

FIRST PRIMARY — SECOND GRADE.

Miltha Andros,
Gertrude Benton,
Florence Brown,
Annie Burke,
James Burke,
Thomas Burke,
Rosa Digny,

William Ellis,
Emmet Faulkes,
Nellie Foley,
Frank Godding,
Mary Hawkins,
Annie Lewis,
William Patrick,

Oliver Prien,
Lizzie Seymour,
James Shine,
Emma Silvernail,
Julia Starr,
Margaret Trask,
Hiram Tenney.

FIRST GRADE.

George Andrews,
Matthew Andrews,
Louisa Bedlinger,
Julia Brophy,
William Brophy,
Mary Burke,
Roseline Butler,
Robin Bntler,
Roy Butler,
Grace Clifford,
Pearl Clifford,
Edward Conahan,
Joseph Conahan,
Charles Fagg,
Lulu Fleming,
Mary Faulkes,
Otto Fuss,

Charles Fuss,
Cala Fritz,
Herbert Godding,
Mabel Gyles,
Kepler Hughes,
Arthur Hall,
Mary Hamilton,
Margaret Hamer,
Elizabeth Hamer,
Karl Heyl,
Edith Kading,
Mary Kelly,
Agnes Kelly,
Albert Lewis,
Joseph Link,
Fred Lloyd,
James Milward,

Minnie Neindorf,
Frank O'Leary,
Iva Peck,
Edith Peirce,
Clay Peirce,
Grace Philumalee,
Rolland Prien,
Edward Seymour,
Dora Seymour,
Fred Silvernail,
Matilda Smith,
August Starkweather,
Wilford Stephenson,
William Thomas,
Addie Van Dusen,
Alfrida Wickerseimer,

SIXTH WARD.

SECOND GRAMMAR — EIGHTH GRADE.

William Baker,
Lewis Deckert,
Adolph Frautschi,
Ernest Hoffman,
Matilda Johnson,
Fannie Lansing,
Minnie Mayers,

Herman Mueller,
Elgin Ott,
Grace Pierce,
Johanna Reynolds,
Mary Stiehl,
Anna Scott,

Laura Scott,
Alma Sidell,
Jacob Simpelaar,
Nicholas Simpelaar,
Martha Torgeson,
Margerethe Urdahl.

SEVENTH GRADE.

Joseph Allen,	Walter Grove,	Maud Parkinson,
Michael Bon,	Edward Hallahan,	Eve Parkinson,
Frank Breed,	Alvina Hauser,	Oliver Perry,
Ruth Baker,	Nettie Johnson,	Edward Smeltzkopf,
Clara Comstock,	August Krehl,	Robert Schaus,
Albert Deike,	Herbert Kropf,	Kate Steinle,
Minnie Drives,	Amanda Lamhagen,	Maud Sharp,
Florence Dodge,	Barbara Luckensmeyer,	Dora Schemming,
Rachel Davis,	James McGowan,	Edward Tide,
Peter Fagg,	William Miller,	George Walker,
Caroline Flom,	Tena Otto,	Alma Wandry,
Bertha Frautschi,	Nellie Oppell,	Mary Wessel.

FIRST GRAMMAR — SIXTH GRADE.

Earle Anderson,	Otto Gartner,	Lora Pierce,
George Ayers,	Henry Geiger,	Albert Quest,
Daisy Abel,	William Holloway,	Berthold Sauthoff,
John Baker,	Carl Jaeger,	Jay Suson,
Jennie Breitenbach,	Gilbert King,	Kate Starkweather,
Darwin Boehmer,	Theodore Koerber,	William Schmelzkopf,
Earnest Bremer,	Frances Lanz,	Albert Thom,
Walter Biederstadt,	Chris Luebkmann,	Wilbert Vandusen,
Gertrude Farness,	Selma Mueller,	Nora Winden,
Arthur Farringer,	John Maeder,	

FIFTH GRADE.

Minnie Ayers,	Minnie Gehrke,	Josephine Quammen,
Lillian Boehmer,	Oscar Hegg,	August Sauthoff,
Bertha Butler,	Arnold Hauser,	Henry Simpelaar,
Rosa Butler,	Lillian Kingston,	Elizabeth Simpelaar,
Paul Bremer,	Anna Lawrence,	Adelbert Schmidt,
Joseph Cunningham,	Caroline Maeder,	Alfred Weiks,
George Doylon,	Elizabeth Mueller,	Edward Winter,
Edward Drews,	Lena Porsch,	William Vitensi.
Abel Farness,		

SECOND PRIMARY — FOURTH GRADE.

Grace Baker,	Rachel Howard,	Alfred Parkinson,
Georgie Baker,	Della Johnson,	Edward Parkinson,
Hattie Baker,	Ellen Kingston,	Clayton Pierce,
Richard Baus,	John Koerber,	Eunice Pierce,
Augusta Bischof,	Matie Kennedy,	Louis Pierce,
Bernie Coughlin,	Artie Lamp,	Edward Reynolds,
Helen Deike,	Tillie Maisch,	Orrin Sanders,
Ole Farness,	Carl Marks,	George Schimming,
Theodore Flom,	Maud Mayers,	Lizzie Tidy,
Lizzie Fowles,	Annie Meyer,	Mabel Ward,
Ida Geiger,	Lavisa Mead,	Belle Weiks,
Arthur Haspel,	Bertha Mueller,	Esther Wilke,
Harry Hanson,	Henry Noll,	Thora Ylvisaker,

THIRD GRADE.

Theodore Abel,	Irving Hippenmeyer,	Charles Schmidt,
Elma Bremer,	Fred Hayes,	George Schaus,
Martin Baumgartner,	Theodore Lamhagen,	Jacob Stub,
Otto Biederstedt,	Mary Otto,	Fred Schmelzkopf,

THIRD GRADE—continued.

Ilda Boehmer,	Elmer Peirce,	Henry Shetty,
Marcus Fagg,	Frank Pahlmeyer,	Lucca Schott,
William Fagg,	Arnold Reiner,	Barbara Sheibel,
Bertie Gaertner,	Leonard Rowe,	Leo Steinle,
Adolph Hegg,	Fred Reuter,	Clara Togstadt,
Lena Hintz,	Lizzie Reuter,	Albert Wiese.

FIRST PRIMARY—SECOND GRADE.

Edith Anderson,	Chris. Koffenschenske,	Edna Sheldon,
Francis Ansinger,	Henry Maisch,	Fred Shetty,
Olive Baringer,	George Marks,	Cora Smith,
Clora Boehmer,	Eddie Metcher,	Sanford Starks,
David Boyles,	Bennie Pahlmeyer,	Lena Steffin,
Geraldine Faringer,	Amelia Rocker,	Hans Stub,
Thomas Farness,	Hobart Saunders,	Thomas Van Dusen,
August Genske,	Albert Schimming,	Clara Weiks,
Louis Gehrke,	Frank Schimming,	Willie Wiese,
Winfield Hudson,	Arthur Schaus,	Olaf Ylvisaker.
Pansy Hussey,		

FIRST GRADE.

William Abel,	Edith Fowles,	Lily Pierce,
Claude Abel,	Earnest Gay,	Clara Porsch,
Mary Anderson,	Robert Gehrke,	Arthur Porsch,
Warren Barringer,	Henry Goldstien,	Adelaide Quentmeyer,
Irma Baus,	Daisy Hanson,	Agusta Reuter,
Mary Bom,	August Helk,	Mary Rowe,
Olive Burton,	Clara Heim,	Herman Sander,
Ruseland Butler,	Marie Hektoem,	Andreas Scheibel,
Ina Butler,	Conrad Hofman,	Louis Schott,
Alfred Butler,	Louis Jaeger,	Lulu Schroeder,
William Couglin,	Agusta Kalley,	Otto Schroeder,
Frank Conlin,	William Kingston,	Mathilda Schultz,
James Conlin,	Adelia Knackstadt,	Earl Sharp,
Jennie Cummings,	Crist Koffishensky,	Herman Shimming,
Charles Cummings,	Dora Koffishensky,	Harry Sidelle,
George Cunningham,	Carl Luckensmeyer,	Jennie Simpelaar,
Lynus Cunningham,	William Luckensmeyer,	Theodore Smelzkopf,
Paul Deike,	James Lynch,	Louisa Starkweather,
Walter Dick,	Albert Maeder,	Earnest Sleffen,
Antony Dickert,	Laura Marks,	William Sleffen,
Daniel Doyle,	Elizabeth Maisch,	Adolf Svenson,
William Doyle,	Mary McCormick,	Alma Tidy,
Gelaldine Farringer,	Albert Meyer,	Ida Togstad,
Edville Farness,	Henry Meyer,	Margaret Van Dusen,
May Fauerbach,	George Moran,	Nels Ylvisaker,
John Foster,	Emma Niebuhr,	

"LITTLE BRICK."

SECOND GRADE:

Roy Alford,	Ena Hyer,	Bertha Reuter,
James Angove,	Walter Johnson,	Christina Rossback,
Carl Beckman,	Joseph Jackson,	Josie Sauer,
Lizzie Brosemer,	Alice Jackson,	Gertrude Stone,

SECOND GRADE—continued.

Agnes Baumgartner,
Nellie Coleman,
Willie Carman,
George Curran,
Frank Drives,
Arthur Fraudschi,
Elsie Guldemann,

Lottie Lund,
Emily McConnell,
John Nelson,
Arthur Olsen,
Irving Oppell,
Maurice Park,
Minnie Quammen,

Harry Sauthoff,
George B. Smith,
Mildred Sibley,
Ida Thompson,
Walter Farnutzer,
Justine Waterman,

FIRST GRADE.

Josie Anderson,
Harriet Adamson,
Elsa Bodeuius,
Georgiana Brosemer,
John Coleman,
Frank Crossley,
Henry Dodd,
Jessie Drake,
Frank De Steull,
Eugene Flohr,
Raymond Flynn,
Ida Fox,
Josslyn Guldemann,

George Hyer,
Jennie Hughes,
Hannah Hanson,
Gertrude Higham,
Geda Hegg,
Battina Jackson,
Paul Karberg,
Fannie Langenbeck,
Florence Livermore,
Zack Luckensmeyer,
Raymond McKay,
Fannie Main,

Mary Miller,
Susie Nelson,
Clara Nelson,
Harry Olsen,
John Purcell,
Edna Raymer,
Annie Schultz,
Nellie Sullivan,
Curtis Shaw,
Jessie Smith,
Hiram Tenney,
Adolph Winden.

NORTHEAST DISTRICT.

EIGHTH YEAR.

Belle Gilbert,

Myrtie Harnden,

Carlton Miller.

SEVENTH YEAR.

Elizabeth Amoth,
Maude Gilbert,
Maude Hiestand,

John Howard,
Sara Miller,
Emil Reuter,

John Riedy,
Lizzie Spaulding,
Agnes Wiebenbec.

SIXTH YEAR.

Peter Amoth,
Charles Phelan,

Otto Reuter,
Matilda Stang,

John Sullivan.

FIFTH YEAR.

Theodore Amoth,

Alice McCarthy,

William Phelan.

FOURTH YEAR.

Henry Arnsmeyer,
Rachel Howard,

Ulrich Merz,
Bertha Schultz,

Lillie Stang,
Eugene Widmann.

THIRD YEAR.

George Arnsmeyer,
Flora Gilbert,
Frank Gilbert,
Ruth Howard,

Anna Merz,
Rosa Merz,
Fred Miller,

Edward Phelan,
William Riedy,
Edmund Wilson.

SECOND YEAR.

Berenthine Amoth,

Bertha Widmann,

William Wilson.

FIRST YEAR.

Carl Arnsmeyer,
George McCarthy,

George Moran,
August Schultz,

George Stang,
Ernst Widmann.

SUMMARY.

GRADES.

First grade.....	311	Fifth grade.....	151
Second grade.....	189	Sixth grade.....	168
Third grade.....	149	Seventh grade.....	167
Fourth grade.....	176	Eighth grade.....	116

HIGH SCHOOL.

Room I.....	80	East Room.....	63
Room II.....	76	Main Room.....	126

High School.....	345
First Ward.....	200
Second Ward.....	377
Fourth Ward.....	200
Fifth Ward.....	250
Sixth Ward.....	286
Little Brick.....	69
Northeast District.....	45
Total.....	<u><u>1,772</u></u>

SCHOOL CENSUS,

For the School Year ending July 30.

	Male.	Fem.	Total.
First Ward.....	381	523	904
Second Ward.....	444	467	911
Third Ward.....	217	264	481
Fourth Ward.....	336	435	771
Fifth Ward.....	279	305	584
Sixth Ward.....	293	287	580
Total.....	<u>1,950</u>	<u>2,281</u>	<u>4,231</u>

COURSE OF STUDY.

FIRST PRIMARY DEPARTMENT.

FIRST YEAR.

- Fall Term ... 1. Reading from charts, blackboard and slates; spelling by sound and by letter; to aid in teaching it, instruction and questions upon common things.
2. Drawing, No. 1.
 3. Special Drill, to cultivate quickness and accuracy of perception.
 4. Numbers 1-4.
- Winter Term. 1. First Reader; spelling by sound and by letter.
2. Drawing, No. 1 completed and No. 2, and writing the short small letters by principles (Chart No. 1.)
 3. Oral lessons on Animals.
 4. Naming figures in Reader.
 5. Numbers to 7.
- Spring Term. 1. First Reader; spelling by sound and by letter.
2. Drawing, No. 2 completed, and writing the short small letters by principles. (Chart No. 1.)
 3. Oral lessons on Flowers.
 4. Estimations of Weight, Time and Distances.
 5. Numbers to 10.

SECOND YEAR.

- Fall Term ... 1. First Reader and Supplementary Reading.
2. Spelling by sound and by letter.
 3. Drawing, No. 3, and writing all the small letters by principles. (Charts Nos. 1 and 2.)
 4. Oral lessons on Plant Productions.
 5. Numbers to 12.

Winter Term. 1. Second Reader.

2. Spelling by sound and by letter.

3. Drawing, No. 3 completed and No. 4; Writing all the small letters and the figures by principles. (Charts Nos. 1 and 2.)

4. Oral lessons on the Human Body.

5. Numbers to 15.

Spring Term. 1. Second Reader and Supplementary Reading.

2. Oral Spelling; spelling by sound and by letter.

3. Drawing, No. 4 completed, and Writing the capital letters to the 8th principle. (Chart No. 3.)

4. Oral lessons on the Human Body.

5. Numbers to 20.

SECOND PRIMARY DEPARTMENT.

THIRD YEAR.

Fall Term. . . 1. Second Reader and Supplementary Reading.

2. Oral Spelling.

3. Drawing, No. 5, and Writing all the capital letters by principles. (Charts No. 3 and 4.)

4. Oral Geography; points of the compass, the school house and the school grounds, city, section, town.

5. Oral instruction in notation and numeration; numbers to 35. Book to page 45.

Winter Term. 1. Second Reader and Supplementary Reading.

2. Oral Spelling.

3. Drawing, finish 5, begin 6, and Writing the business capitals. (Chart No. 5.)

4. Oral Geography, county, state.

5. Oral instruction in addition; numbers to 60. Book to page 69.

Spring Term. 1. Second Reader.

2. Oral Spelling.

3. Drawing, No. 6 finished, and Writing the Disciplinary Exercises. (Chart No. 6.)

4. Oral Geography; to U. S. in Primary Geography.

5. Oral instruction in addition and subtraction; numbers to 100. Book to page 85 and review.

FOURTH YEAR.

- Fall Term... 1. Third Reader.
2. Spelling.
3. Drawing, Book No. 7, and Writing No. 1.
4. Introductory Geography, from U. S.-61.
5. Arithmetic; Book, 127.
- Winter Term. 1. Third Reader.
2. Spelling.
3. Drawing, Book No. 2 completed, 8 begun; Writing, No. 1.
4. Introductory Geography, to page 95.
5. Arithmetic; Book to 148.
- Spring Term. 1. Third Reader.
2. Spelling.
3. Drawing, Book No. 8 finished; Writing, No. 1.
4. Geography, finish Introductory.
5. Arithmetic; 168 and Review.

GENERAL EXERCISES.

1. Morals and Manners.
2. Singing by note and rote.
3. Physical Instruction and Training.
4. Language Lessons, with phonetic spelling and criticism of erroneous habits of speech.

FIRST GRAMMAR DEPARTMENT.

FIFTH YEAR.

- Fall Term... 1. Fourth Reader.
2. Written Spelling.
3. Drawing, No. 9; Writing, No. 2.
4. Common School Geography, pages 19-35.
5. Arithmetic; notation and numeration and addition.
6. Language Lessons; elements of simple sentences.
- Winter Term. 1. Fourth Reader.
2. Written Spelling.
3. Drawing, No. 9 completed, No. 10 begun.
4. Common School Geography, pages 35 to 53.
5. Arithmetic; subtraction and multiplication.
6. Language Lessons; nouns.

- Spring Term.
1. Fourth Reader.
 2. Written Spelling.
 3. Drawing, No. 10 completed.
 4. Common School Geography, pages 53 to 69.
 5. Arithmetic; division.
 6. Language Lessons; pronouns.

SIXTH YEAR.

- Fall Term...
1. Fourth Reader and Supplementary Reading.
 2. Written Spelling.
 3. Drawing, No. 11; Writing, No. 3.
 4. Common School Geography, pages 69 to 82.
 5. Arithmetic; Properties of numbers, and reduction of fractions.
 6. Language Lessons; adjectives.

- Winter Term.
1. Fourth Reader and Supplementary Reading.
 2. Written Spelling.
 3. Drawing, No. 11 completed, No. 12 begun, and Writing No. 3.
 4. Common School Geography, pages 82 to 100.
 5. Arithmetic; fractions completed.
 6. Language Lessons; verbs.

- Spring Term.
1. Fourth Reader and Supplementary Reading.
 2. Written Spelling; No. 12 completed.
 3. Drawing, Writing No. 3.
 4. Common School Geography, pages 100 to 110, and review.
 5. Arithmetic; Decimals to Ledger Accounts.
 6. Language Lessons; all the parts of speech.

GENERAL EXERCISES.

1. Morals and Manners.
2. Singing by rote and note.
3. Physical Instruction and Training.
4. Impromptu Composition, with word analysis and simple rules for the use of capital letters and punctuation marks.
5. Oral Biography
6. Rhetorical exercises third Friday in each month.

SECOND GRAMMAR DEPARTMENT.

SEVENTH YEAR.

- Fall Term . . . 1. Fifth Reader.
2. Written Spelling.
3. Drawing, No. 13, and Writing, No. 4.
4. Common School Geography; completed and reviewed to page 19.
5. Arithmetic; decimals completed, and denominate numbers to reduction.
6. Grammar; Etymology with parsing.
- Winter Term . 1. Fifth Reader.
2. Written Spelling.
3. Drawing, No. 13 completed, 14 begun, and Writing No. 4.
4. Common School Geography; review completed.
5. Arithmetic; denominate numbers to rectangular solids.
6. Grammar; Etymology with parsing.
- Spring Term . 1. Fifth Reader.
2. Written Spelling.
3. Drawing, No. 14 completed, and Writing No. 5.
4. U. S. History to page 98.
5. Arithmetic; denominate numbers completed, and percentage to commission.
6. Grammar; Etymology with parsing.

EIGHTH YEAR.

- Fall Term . . . 1. Fifth Reader and Supplementary Reading.
2. Written Spelling.
3. Drawing, No. 15, and Writing, No. 5.
4. U. S. History, to page 212.
5. Arithmetic; percentage to discount, with oral instruction in bills and receipts.
6. Grammar; Syntax, with analysis and parsing.
- Winter Term . 1. Fifth Reader and Supplementary Reading.
2. Written Spelling.
3. Drawing, No. 15 finished, and 16 begun, and Writing; book-keeping tablets.
4. U. S. History, to page 277.

Winter Term. 5. Arithmetic; percentage to exchange, with oral instruction in orders and notes.

6. Grammar; Syntax, with analysis and parsing.

Spring Term. 1. Fifth Reader and Supplementary Reading.

2. Written Spelling.

3. Drawing, No. 16 finished, and Writing; book-keeping tablets.

4. U. S. History, finished and revised.

5. Arithmetic; percentage completed, and review.

6. Grammar; Syntax, with analysis and parsing.

GENERAL EXERCISES.

1. Morals and Manners.

2. Singing by note and rote.

3. Physical Instruction and Training.

4. Composition, with the principal abbreviations, and rules for spelling and pronunciation.

5. Oral Home Civil Government.

6. Rhetorical Exercises monthly.

HIGH SCHOOL — ENGLISH COURSE.

FIRST YEAR.

Arithmetic,	Grammar,	History.
Arithmetic,	Book-keeping,	History.
Arithmetic,	Book-keeping,	History.
The Elements of English Composition.		

SECOND YEAR.

Algebra,	Civil Government,	Literature.
Algebra,	Civil Government,	Literature.
Algebra,	Physical Geography,	Rhetoric.
Geography and United States History reviewed.		

THIRD YEAR.

Algebra,	Biology,	Rhetoric.
Higher Arithmetic,	Biology,	Political Economy.
Physiology,	Botany,	Chemistry.
Geography and General History reviewed.		

FOURTH YEAR.

Geometry,	Botany,	Chemistry.
Geometry,	Natural Philosophy,	Astronomy.
Geometry,	Natural Philosophy,	Geology.
Theory and Art of Teaching.		

For the Scientific Course, German is substituted for the last five terms' studies in the third column.

HIGH SCHOOL—MODERN CLASSICAL.

FIRST YEAR.

Arithmetic,	Latin Method,	History.
Arithmetic,	Latin Method,	History.
Arithmetic,	Latin Method,	French.

The Elements of English Composition.

SECOND YEAR.

Algebra,	Cæsar,	French.
Algebra,	Cæsar,	French.
Algebra,	Cæsar,	French.

Geography and United States History reviewed.

THIRD YEAR.

Algebra,	Sallust,	French.
Higher Arithmetic,	Cicero,	German.
Physiology,	Cicero,	German.

Geography and General History reviewed.

FOURTH YEAR.

Geometry,	Virgil,	German.
Geometry,	Virgil,	German.
Geometry,	Virgil,	German.

Theory and Art of Teaching.

HIGH SCHOOL—ANCIENT CLASSICAL.

FIRST YEAR.

Arithmetic,	Latin Method,	History.
Arithmetic,	Latin Method,	History.
Arithmetic,	Latin Method,	History.

The Elements of English Composition.

SECOND YEAR.

Algebra,	Cæsar,	Greek Lessons.
Algebra,	Cæsar,	Greek Lessons.
Algebra,	Cæsar,	Anabasis.

Geography and United States History reviewed.

THIRD YEAR.

Algebra,	Sallust,	Anabasis.
Higher Arithmetic,	Cicero,	Anabasis.
Physiology,	Cicero,	Anabasis.

Geography and General History reviewed.

FOURTH YEAR.

Geometry,	Virgil,	Homer.
Geometry,	Virgil,	Homer.
Geometry,	Virgil,	Homer.

Theory and Art of Teaching.

HIGH SCHOOL.

ORGANIZATION.

The Courses prepare students to enter the University as Freshmen, and to become members of College Classes in the Ancient Classical, Modern Classical, English, and Scientific Courses. In the line of fitting scholars to enter the University, the High School will seek to furnish the best facilities within its reach. Students completing any one of the Courses of study will receive a diploma of graduation. Those holding diplomas from the Board of Education, showing that they have completed the Ancient Classical, Modern Classical, English or Scientific Course, will be admitted into the University without examination there, and with free tuition throughout that institution, if recommended by the principal.

The faculty of the University has adopted the following rule:

“On motion, the Madison High School was placed upon the accredited list of the University, whose graduates and recommended pupils shall be admitted to our classes without further examination.”

Adopted March 19, 1877.”

S. H. CARPENTER,

Secretary of Faculty.

It is desirable that all students entering the school regularly, shall complete in their order the studies of some one of the regular courses. Students coming from other schools, and whose previous training makes them competent to take studies in advanced grades, will be allowed to do so.

These pupils will be required to pass examination, however, on the previous studies of the course, before they receive their certificates of graduation.

Students are received and classified at any time, but it is far better for them to be present at the opening of the term.

The substitution of German for the last five terms' studies in

the third column of the English Course constitutes the Scientific Course.

If the circumstances of any make it desirable that they should take special studies, they will, within reasonable limits, be allowed to do so.

Students taking either course may, with the approval of the teachers, substitute for any study of their course, the corresponding study in either of the other courses.

ITEMS.

Cyclopedias, dictionaries, atlases and other works of reference are at the disposal of the pupils; the normal class have access to the teachers' library.

There is a good supply of apparatus for illustrating the principles of Natural Science.

The school has the benefit of a good marine and geological collection.

The State Historical and Free City Libraries offer rare facilities for reference and general reading.

The schools are opened with appropriate morning exercises. Rhetorical exercises are held each Friday afternoon.

There are frequent general exercises on subjects of general or special interest.

The students maintain literary societies, with regular meetings for debate and for practice in parliamentary rules. Open sessions are occasionally held.

Students whose parents do not reside at Madison, can be aided by the superintendent in securing suitable places for board and lodging by conferring with him.

Parents of non-resident pupils can also secure his assistance with regard to the introduction of their children to the pastor of such religious society as they may designate.

Parents may secure a report of their children's progress at any time by writing to the teacher to that effect; but if the work is done unsatisfactorily to the faculty of the High School, such report will be sent without previous request.

ADMISSION.

Candidates for admission to the lowest class should be pre-

pared to pass a thorough examination in arithmetic, geography, United States history and English grammar.

EXPENSES.

Tuition of non-residents is \$8.00 per term, payable in advance; no deduction will be made to those who attend school only part of each day, or to those who lose a part of a term, if it be less than half a term. But those who take only one study are charged \$4.00 per term.

Board can be had in clubs from \$1.75 to \$2.75 per week; room rent is from \$0.75 to \$1.25 per week for each student.

Board and lodging can be obtained in private families from \$3.00 to \$4.00 per week.

THE SHAW PRIZE.

To encourage improvement in composition and elocution, Sup't Shaw presented to the High School the sum of \$200, the income of which should constitute an annual prize.

The Board of Education has adopted the following rules regarding it:

1. The said sum of \$200 is accepted, and the same will be invested by the treasurer of the Board in the name of the Board, so that the income can be received annually and appropriated at the time of the annual commencement.

2. All members of the graduating class may compete for the prize.

3. Each lady competing shall prepare an essay, and each gentleman an oration. These shall be presented to the Board of Education at the meeting thereof in March, accompanied by a statement signed by the author thereof, that the production is his or her work, that it is original, and that it has not been revised or examined by any other person.

4. The essays and orations shall be referred to a committee named by the Board, for criticism. Such committee shall rank the productions on thought (including originality and comprehensiveness) and style. The productions must be returned to their authors on or before the meeting of the Board in April.

5. The standing of each competitor shall be reported to the Board at its April meeting, by the committee, and, when so ordered, become a part of the Board records. Such report shall be kept private until the end of the school year. All pupils not averaging 70 on each ranking shall not be allowed further to compete for the prize, and shall be so notified.

6. On graduation day, the same or another committee appointed by the

Board for that purpose, shall rank the competitors on delivery. The rank on delivery shall be averaged with the former ranking, and the pupil having the highest average shall receive the prize, which shall be known as the "Shaw Prize."

SUCCESSFUL COMPETITORS FOR THE SHAW PRIZE.

1879—SARAH CLARK.....*Subject*: "Woman as an Inventor."

JUDGES:

Thought and Style—Prof. ALEX. KERR, Rev. C. H. RICHARDS.

Delivery—Mr. GEO. B. SMITH, Mr. L. M. FAY, Mrs. Dr. FAVILL.

1880—ROSE CASE.....*Subject*: "Moods and Tenses."

JUDGES:

Delivery—Hon. H. S. ORTON, Pres't G. S. ALBEE, Mrs. L. M. FAY.

1881—HELENA BJORNSON.....*Subject*: "Shooting with the Long Bow."

JUDGES:

Delivery—Mr. FRED K. CONOVER, Mr. RUFUS B. SMITH, Mrs. J. M. OLIN.

1882—JESSIE R. LEWIS.....*Subject*: "Words."

JUDGES:

Delivery—Hon. ROBERT GRAHAM, Prof. W. H. ROSENSTENGEL, Miss EDITH CONOVER.

1883—FRANKIE BROOKS.....*Subject*: "Patchwork."

JUDGES:

Delivery—Hon. J. B. CASSODAY, Hon. W. H. CHANDLER, Mrs. Dr. FAVILL.

1884—ADDIE LINDLEY.....*Subject*: "Individuality."

JUDGES:

Delivery—Hon. ROBERT GRAHAM, Mr. R. G. THWAITES, Mrs. ANDREW DAVIS.

1885—OLIVE E. BAKER.....*Subject*: "Summum Bonum."

JUDGES:

Thought and Style—Mr. C. N. GREGORY, Mr. W. A. CORSON,

Delivery—Hon. W. H. CHANDLER, Gen. C. P. CHAPMAN, Mrs. FRANK W. HOYT.

1886—LELIA M. GILE.....*Subject*: "An Hour of Leisure."

JUDGES:

Thought and Style—Mr. HOWARD L. SMITH, Mr. EDWARD B. OAKLEY.

Delivery—Rev. J. H. CROOKER, Mrs. J. R. BERRYMAN, Dr. DELIA G. LYMAN.

1887—JOHN F. DONOVAN.....*Subject*: "Richard III."

JUDGES:

Thought and Style—Mr. Rufus B. SMITH, Mrs. J. M. OLIN.

Delivery—Prof. J. Q. EMERY, Mrs. LOUISE S. FAVILL, Miss MINNIE M. OAKLEY.

GRADUATING EXERCISES.

CLASS OF '87.

FESTINA LENTE.

Friday Morning, July 1st.

MUSIC.

PRAYER.

MUSIC.

Oration — Some Proverbs, - - -	ROSE M. MINCH.
Oration — Little Republics, - - -	ELIZABETH M. HENWOOD.
Essay — The German Element in Literature,	HELEN L. WINTER.
Oration — The Coming Struggle, - - -	ARTHUR F. OAKEY.
Oration — Debit and Credit, - - -	DAISY D. LINDLEY.
Oration — The Mexican War, - - -	ANDREWS ALLEN.

MUSIC.

Oration — Agriculture, - - -	FREDERICK WM. ADAMSON.
Oration — The Practical Woman, - - -	CARRIE M. SMITH.
Oration — The Labor Crisis, - - -	OSCAR F. MINCH.
Oration — The Lack of Originality, - - -	BERTHA M. MAYER.
Oration — Some Existing Evils, - - -	THOMAS K. URDAHL.

MUSIC.

Oration — A Classical Education, - - -	BESSIE COX.
Oration — Some Social Types, - - -	AUGUSTA J. BODENSTEIN.
Oration — The French Revolution, - - -	CARL A. JOHNSON.
Oration — Too much Music, - - -	SARAH E. GALLAGHER.
Oration — Richard III, - - -	JOHN F. DONOVAN.
Oration — Literature and Freedom, - - -	CHARLES A. DICKSON.

MUSIC.

Oration — At the Scaean Gate, - - -	MAY E. SANBORN.
Oration — Deserted Villages, - - -	FLORENCE E. BAKER.
Oration — "There Were Giants in Those Days," - - -	ELSIE VEERHUSEN.
Oration — The Average Man, - - -	PAUL S. RICHARDS.
Oration, with Valedictory — The Hour of Triumph, - - -	MARION T. JANECK.

MUSIC.

Presentation of Diplomas—President J. H. CARPENTER.

MUSIC.

Awarding of the Shaw Prize.

BENEDICTION.

NOTE. — Fayette Durlin, Lewis A. Bender, William F. Ellsworth, Calvin Z. Wise, and George G. Thorp were excused from speaking.

TEXT BOOKS.

WARD SCHOOLS.

Appleton's Reader — No. 1.
 New National Readers — Nos. II, III, IV, and V.
 Swinton's Supplementary Readers — Nos. 1, 2, 3, 4.
 Robinson's First Book in Arithmetic.
 Robinson's Complete Arithmetic.
 Harper's Geography.
 Swinton's Language Lessons.
 Swinton's English Grammar.
 Smith's Physiology.
 Barnes's History of the United States.
 Spencer's System of Penmanship.
 White's Drawing.
 Mason's Music Chart — No. 1.

HIGH SCHOOL.

Reader No. 5,	-	-	-	-	-	-	<i>Watson.</i>
Supplementary Readers — Nos. 5, 6	-	-	-	-	-	-	<i>Swinton.</i>
Julius Cæsar,	-	-	-	-	-	-	<i>Rolfe.</i>
Richard II,	-	-	-	-	-	-	<i>Rolfe.</i>
Speller,	-	-	-	-	-	-	<i>Monroe.</i>
Speller,	-	-	-	-	-	-	<i>Patterson.</i>
Book-keeping,	-	-	-	-	-	-	<i>Bryant & Stratton.</i>
Complete Arithmetic,	-	-	-	-	-	-	<i>Robinson.</i>
Algebra,	-	-	-	-	-	-	<i>Robinson.</i>
Geometry,	-	-	-	-	-	-	<i>Wentworth.</i>
Grammar,	-	-	-	-	-	-	<i>Swinton.</i>
Elements of English Composition,	-	-	-	-	-	-	<i>Chittenden.</i>
Rhetoric,	-	-	-	-	-	-	<i>David Hill.</i>
English Literature,	-	-	-	-	-	-	<i>Shaw.</i>
American Literature,	-	-	-	-	-	-	<i>Royse.</i>
Latin Grammar,	-	-	-	-	-	-	<i>Allen & Greenough.</i>
New Latin Method,	-	-	-	-	-	-	<i>Allen.</i>
Cæsar,	-	-	-	-	-	-	<i>Allen & Greenough.</i>
Sallust,	-	-	-	-	-	-	<i>Allen & Greenough.</i>
Latin Composition,	-	-	-	-	-	-	<i>Allen.</i>
Cicero,	-	-	-	-	-	-	<i>Chase & Stuart.</i>

LIST OF BOOKS IN TEACHERS' LIBRARY.

EDUCATIONAL WORKS.

Art of Questioning,	-	-	-	-	-	<i>Fitch.</i>
Art of Securing Attention,	-	-	-	-	-	<i>Fitch.</i>
Art of Computation,	-	-	-	-	-	<i>Goodrich.</i>
Building of a Brain,	-	-	-	-	-	<i>Clark.</i>
Comparative Geography,	-	-	-	-	-	<i>Ritter.</i>
Childhood the Text-book of the Age,	-	-	-	-	-	<i>Crafts.</i>
Cultivation of the Senses,	-	-	-	-	-	<i>Eldredge & Bro.</i>
Cultivation of the Memory,	-	-	-	-	-	<i>Eldredge & Bro.</i>
Education,	-	-	-	-	-	<i>Spencer.</i>
Education of American Girls,	-	-	-	-	-	<i>Putnam.</i>
Education as a Science,	-	-	-	-	-	<i>Bain.</i>
Education in Common Schools,	-	-	-	-	-	<i>Currie.</i>
Education, American Journal of, (Vols. IV and V,)	-	-	-	-	-	<i>Barnard.</i>
Education, Cyclopaedia of,	-	-	-	-	-	<i>Kiddle & Schem.</i>
Education, Report of Commissioners of, 1873-1879, 1881-1883, 1884-87.						
Educations, Systems of,	-	-	-	-	-	<i>Gill.</i>
Education, Year Book of,	-	-	-	-	-	<i>Kiddle & Schem.</i>
Early Child Culture,	-	-	-	-	-	<i>Hailman.</i>
Educational Reformers—Essays on,	-	-	-	-	-	<i>Quick.</i>
Educational Directory,	-	-	-	-	-	<i>Steiger.</i>
Educational Theories,	-	-	-	-	-	<i>Browning.</i>
Educational Weekly (1879),	-	-	-	-	-	<i>Winchell.</i>
English in Schools,	-	-	-	-	-	<i>Hudson.</i>
Elementary Lessons in English,	-	-	-	-	-	<i>Knox.</i>
Elements of Intellectual Philosophy,	-	-	-	-	-	<i>Wayland.</i>
Emilius, (Vols. I, II, and III.)						
First Steps Among Figures,	-	-	-	-	-	<i>Beebe.</i>
Geographical Studies (2 copies),	-	-	-	-	-	<i>Ritter.</i>
Guide to Kindergarten,	-	-	-	-	-	<i>Peabody.</i>
Harvard Examination Papers,	-	-	-	-	-	<i>Leighton.</i>
How to do it,	-	-	-	-	-	<i>Hale.</i>
History, Study of,	-	-	-	-	-	<i>Smith.</i>
Human Development,	-	-	-	-	-	<i>Taylor.</i>
How to Educate the Feelings,	-	-	-	-	-	<i>Bray.</i>

How to Study U. S. History,	-	-	-	-	<i>Trainer.</i>
Household Education,	-	-	-	-	<i>Martineau.</i>
History of Education,	-	-	-	-	<i>Philobibulus.</i>
History of Education,	-	-	-	-	<i>Schmidt.</i>
History of Pedagogy,	-	-	-	-	<i>Hailman.</i>
Instruction, Methods of,	-	-	-	-	<i>Wickersham.</i>
Infant School Education,	-	-	-	-	<i>Currie.</i>
Intellectual Life,	-	-	-	-	<i>Hamerton.</i>
Institute Lectures,	-	-	-	-	<i>Bates.</i>
Illusions,	-	-	-	-	<i>Sully.</i>
Key to Practical Penmanship,	-	-	-	-	<i>(Spencerian.)</i>
Kindergarten Culture,	-	-	-	-	<i>Hailman.</i>
Law of Public Schools,	-	-	-	-	<i>Burke.</i>
Lectures on Education,	-	-	-	-	<i>Hailman.</i>
Language and Study of,	-	-	-	-	<i>Whitney.</i>
Lessons on Objects,	-	-	-	-	<i>Sheldon.</i>
Logic,	-	-	-	-	<i>Schuyler.</i>
Manual of Methods,	-	-	-	-	<i>Kiddle, Harrison and Calkins.</i>
Methods of Teaching,	-	-	-	-	<i>Hoose.</i>
Mistakes in Teaching,	-	-	-	-	<i>Hughes.</i>
Mental Physiology,	-	-	-	-	<i>Carpenter.</i>
Mental Science and Culture,	-	-	-	-	<i>Brooks.</i>
Methods of Teaching and Studying History,	-	-	-	-	<i>Ed. by Hall.</i>
Normal Schools,	-	-	-	-	<i>Holbrook.</i>
Normal Outlines of the Common Branches,	-	-	-	-	<i>Lind.</i>
New Gymnastics,	-	-	-	-	<i>Lewis.</i>
On the Use of Words,	-	-	-	-	<i>Eldredge & Bro.</i>
On Discipline,	-	-	-	-	<i>Eldredge & Bro.</i>
On Class Teaching,	-	-	-	-	<i>Eldredge & Bro.</i>
Outlines of Psychology,	-	-	-	-	<i>Sully.</i>
One Thousand Ways of One Thousand Teachers,	-	-	-	-	<i>Mason.</i>
Philosophy (pamphlet) of School Discipline,	-	-	-	-	<i>Kennedy.</i>
Pestalozzi, Life and Works of,	-	-	-	-	<i>Krusi.</i>
Pestalozzi, The Influence of an Elementary Education, (pamphlet).	-	-	-	-	
Physiology of Mind,	-	-	-	-	<i>Mandsley.</i>
Primary Helps,	-	-	-	-	<i>Hailman.</i>
Physiology and Calisthenics,	-	-	-	-	<i>Bucher.</i>
Primary Object Lessons,	-	-	-	-	<i>Calkins.</i>
Powers, Intellectual,	-	-	-	-	<i>Abercombe.</i>
Principle of Human Physiology,	-	-	-	-	<i>Carpenter.</i>
Philosophy of Education,	-	-	-	-	<i>Tate.</i>
Principles of Sociology, (Vols. I. and II.)	-	-	-	-	<i>Spencer.</i>

Practical Educationists,	-	-	-	-	-	<i>Leitch.</i>
Readers' Hand-Book,	-	-	-	-	-	<i>Brewer.</i>
Record of a School,	-	-	-	-	-	<i>Alcott.</i>
Some Thoughts on Education,	-	-	-	-	-	<i>Locke.</i>
Science and Art of Education,	-	-	-	-	-	<i>Payne.</i>
School Economy,	-	-	-	-	-	<i>Wickersham.</i>
School Laws of Wisconsin, (1873, 1880, 1885.)						
School Amusements,	-	-	-	-	-	<i>Root.</i>
School Inspection,	-	-	-	-	-	<i>Fearon.</i>
School Management,	-	-	-	-	-	<i>Gill.</i>
School Management, Art of,	-	-	-	-	-	<i>Baldwin.</i>
School and Schoolmasters,	-	-	-	-	-	<i>Potter.</i>
Schools, Higher, and Universities in Germany,	-	-	-	-	-	<i>Arnold.</i>
School Supervision,	-	-	-	-	-	<i>Payne.</i>
School Government,	-	-	-	-	-	<i>Jewell.</i>
School Management,	-	-	-	-	-	<i>Holbrook.</i>
School Management,	-	-	-	-	-	<i>Kellogg.</i>
Schools and Schoolmasters,	-	-	-	-	-	<i>Dickens.</i>
Self-Culture,	-	-	-	-	-	<i>Blackie.</i>
Special Course of Study,	-	-	-	-	-	<i>Stone.</i>
Studies, True Order of,	-	-	-	-	-	<i>Hill.</i>
School Room, In the	-	-	-	-	-	<i>Hart.</i>
School Room Guide,	-	-	-	-	-	<i>De Graff.</i>
Study of Words,	-	-	-	-	-	<i>Trench.</i>
School and Family,	-	-	-	-	-	<i>Kennedy.</i>
The Science of Education,	-	-	-	-	-	<i>Ogden.</i>
The Sentence Method,	-	-	-	-	-	<i>Farnham.</i>
Those Children,	-	-	-	-	-	<i>Brooks.</i>
The Philosophy of Teaching,	-	-	-	-	-	<i>Sands.</i>
Teachers' Hand-Book, First Steps,	-	-	-	-	-	<i>Levis.</i>
The Schoolmaster,	-	-	-	-	-	<i>Ascham.</i>
Thoughts,	-	-	-	-	-	<i>Mann.</i>
Teaching, Talks on,	-	-	-	-	-	<i>Parker.</i>
Teaching, Theory and Practice of,	-	-	-	-	-	<i>Page.</i>
Teaching, Lectures and Practice of,	-	-	-	-	-	<i>Fitch.</i>
Teaching, Art of,	-	-	-	-	-	<i>Ogden.</i>
Teach, How to,	-	-	-	-	-	<i>Bain.</i>
Teacher, The	-	-	-	-	-	<i>Abbott.</i>
Teacher and Parent,	-	-	-	-	-	<i>Northend.</i>
Teachers' Assistant,	-	-	-	-	-	<i>Northend.</i>
Teaching the Young, Gentler Manner of,	-	-	-	-	-	<i>Abbott.</i>
Teaching, Principles and Practice of,	-	-	-	-	-	<i>Johannot.</i>
Teaching, Normal Methods of,	-	-	-	-	-	<i>Brooks.</i>

Teaching, Methods of,	-	-	-	-	-	<i>Sweet.</i>
Teacher, The,	-	-	-	-	-	<i>Blakiston.</i>
Teachers' Manual,	-	-	-	-	-	<i>Orcutt.</i>
The New Education Pamphlet,	-	-	-	-	-	<i>Work.</i>
Training, Oral,	-	-	-	-	-	<i>Barnard.</i>
Training, System of Education,	-	-	-	-	-	<i>Stov.</i>
Use and Abuse of Examination,	-	-	-	-	-	<i>Murray.</i>
Words, and How to Put them Together,	-	-	-	-	-	<i>Ballard.</i>

MISCELLANEOUS WORKS.

Analysis of Civil Government,	-	-	-	-	-	<i>Townshend.</i>
Botany, First Book of,	-	-	-	-	-	<i>Youmans.</i>
Second Book of,	-	-	-	-	-	<i>Youmans.</i>
Child's Book of Nature,	-	-	-	-	-	<i>Hooker.</i>
Civilization, History of,	-	-	-	-	-	<i>Guizot.</i>
Composition, First Lesson in,	-	-	-	-	-	<i>Hart.</i>
Decisive Battles of the World,	-	-	-	-	-	<i>Creasy.</i>
English, Past and Present,	-	-	-	-	-	<i>Trench.</i>
English People, Short History of,	-	-	-	-	-	<i>Green.</i>
Familiar Quotations,	-	-	-	-	-	<i>Bartlett.</i>
Great Conversers,	-	-	-	-	-	<i>Matthews.</i>
History, Episodes,	-	-	-	-	-	<i>Pardoe.</i>
History of France (Students),	-	-	-	-	-	_____.
of Atlantic Telegraph,	-	-	-	-	-	<i>Field.</i>
of the World (Vols. I. and II),	-	-	-	-	-	<i>Maunder.</i>
Lectures on Natural History,	-	-	-	-	-	<i>Chadbourne.</i>
Philosophy,	-	-	-	-	-	<i>Parker.</i>
Physics, Elements of,	-	-	-	-	-	<i>Norton.</i>
Rhetoric, Principles of,	-	-	-	-	-	<i>Hill.</i>
Winter and its Dangers,	-	-	-	-	-	<i>Osgood.</i>
Wisconsin, History of,	-	-	-	-	-	<i>Smith.</i>
Legislative Manual (1878-87),	-	-	-	-	-	_____.

TREASURER'S REPORT.

Receipts and Expenditures of the Board of Education for 1887.

1887.		
Jan.	3	For injury to Second Ward House.....
	3	Tuition.....
	15	Tuition.....
	20	City Treasurer.....
	29	City Treasurer.....
Feb.	2	Tuition.....
	7	Rent.....
	28	Tuition.....
March	1	Fines in Sixth Ward.....
	8	Rent.....
	28	City Treasurer.....
	28	Town of Madison.....
April	19	Tuition.....
	29	Rent.....
May	25	Rent.....
June	24	Apportionment of State Funds.....
	29	On Sale of Boehmer House.....
July	12	Boys in 2d ward for injury to desks.....
Aug.	6	On sale of Howell House.....
Sept.	8	Loan from Commissioners.....
	8	Tuition.....
	10	Tuition.....
Oct.	27	For old iron sold.....
	27	Fine collected by Miss Billings.....
Nov.	10	Loan from Commissioners.....
	16	Tuition.....
	23	Tuition.....
Dec.	1	State aid to High School.....
	8	Town of Blooming Grove.....
	8	Fine collected by Miss Foote.....
	19	Tuition.....
	19	Supplies sold.....
	19	Fines collected by Prof. Beach.....
		\$69, 638 53
Jan.	1.	Balance overdrawn.....
		\$433 72
Dec.	31	Certificates of appropriation paid.....
		62, 623 51
		6, 581 30
		<u>\$69, 638, 53</u>

STATEMENT

*Of Receipts and Expenditures of the Board of Education, of the City of Madison,
from January 1st, to December 31st, 1887.*

RECEIPTS.

TAXES.

Jan.	20	William Kingston, city treasurer, city school tax.....	\$9,500 00
	29	William Kingston, city treasurer, school tax	2,500 00
Mar.	28	William Kingston, city treasurer, city and county school tax	10,700 00
	28	Treasurer town of Madison.....	16 20
Dec.	8	Treasurer town of Blooming Grove.....	175 36
			<u>\$22,891 56</u>

SCHOOL FUND APPORTIONMENT.

June	24	Treasurer of Dane county.....	\$5,130 37
Dec.	8	Treasurer town of Blooming Grove.....	33 41
			<u>\$5,163 78</u>

FINES.

Jan.	3	M. Davidson, broken window.....	\$2 50
March	1	Miss Maggie Galbraith, fine collected.....	35
July	12	Hattie O. Thoms .....do.....	30
Nov.	1	Carrie Billings.....do.....	25
Dec.	8	Miss Kate Foote.....do.....	25
	19	Prof. W. H. Beach .....do.....	1 85
			<u>\$5 50</u>

HIGH SCHOOL APPORTIONMENT.

Dec.	1	State Treasurer, High School apportionment	<u>\$215 70</u>
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TUITION.

Jan.	15	Fanny Doyle, tuition	\$5 00
	15	Mrs. Adamson,do.....	10 00
Feb.	2	S. Chase.....do.....	26 00
	14	E. Burdick.....do sundry pupils.....	184 00
	19	E. Burdick .....do.....do.....	120 00
Sept.	3	E. Burdick.....do.....do.....	60 00
	10	E. Burdick.....do.....do.....	34 00
Nov.	16	J. M. Hanner.....do.....do.....	14 00
	23	Harry Chase .....do.....do.....	5 00
Dec.	19	E. Burdick.....do.....do.....	196 00
			<u>\$654 00</u>

RENT.

Feb.	2	Mrs. Potter, rent house on High School grounds	\$20 00
Mar.	1	Mrs. Potter.....do.....do.....do.....	10 00
April	29	Mrs. Potter.....do.....do.....do.....	20 00
May	25	Mrs. Potter.....do.....do.....do.....	10 00
			<u>\$60 00</u>

MADISON PUBLIC SCHOOLS.

NOTES PAYABLE—LOAN.

Sept.	8	State Loan Commissioners, on acc't loan for building purposes	\$20,000 00
Nov.	1	State Loan Commissioners, on acc't loan for building purposes	20,000 00
			<u>\$40,000 00</u>

SUPPLIES.

Oct.	27	Thos. J. Corry, old iron	\$32 76
Dec.	6	Sundry persons for paper, pencils, etc.	65 23
			<u>\$97 99</u>

SITES AND STRUCTURES.

June	29	Theo. Herfurth, for house on 3d ward school site.....	\$325 00
Aug.	6	E. Hanson, for house on High School site.....	225 00
			<u>\$550 00</u>

INTEREST.

Feb.	1	E. Burdick, interest on over drafts.....	<u>\$98 91</u>
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CENSUS.

July	30	John Corsecot, on account taking school census.....	\$150 00
Aug.	2	John A. Byrne, taking school census, N. E. dist.....	4 56
Oct.	4	John A. Byrne, taking school census.....	127 04
			<u>\$281 60</u>

LIBRARY AND APPARATUS.

Feb.	1	E. Burdick, cash paid for apparatus.....	\$158 29
March	1	G. Grimm, binding	14 25
	1	Union School Furniture Co., apparatus.....	62 50
	1	Appleton & Co., charts	20 25
	1	E. G. Tower, Anatomical Chart.....	15 00
June	7	Sheldon & Co., Supplementary Readers	32 40
Nov.	1	W. H. Walmsley, microscopes	35 00
	1	W. H. Beach, dictionaries.....	21 00
			<u>\$358 69</u>

JANITORS AND LABOR.

Jan.	4	M. Ammundson, labor.....	\$8 00
Feb.	1	E. Burdick, cash paid for labor.....	17 00
	12	M. Ammundson, janitor High School.....six weeks,	48 00
	12	Ben Johnson, janitor 1st ward.....do.....	21 00
	12	Mrs. John Johnson, janitor 2nd ward.....do	36 00
	12	Mrs. R. Welsh, janitor 5th ward.....do.....	24 00
	12	M. F. O'Callaghan, janitor 4th ward.....do.....	24 00
	12	S. Sharer, janitor 6th ward.....do.....	39 00
	12	Amanda Johnson, janitor Little Brick.....do.....	7 50
	12	E. Somers, janitor N. E. Dist.....do.....	12 00
March	26	M. Ammundson, janitor High School.....do.....	48 00
	26	Ben Johnson, janitor 1st ward.....do.....	21 00
	26	Mrs. John Johnson, janitor 2nd ward.....do.....	36 00
	26	Mrs. R. Welsh, janitor 5th ward.....do.....	24 00
	26	M. F. O'Callaghan, janitor 4th ward.....do.....	24 00
	26	S. Sharer, janitor 6th ward.....do.....	39 00
	26	Amanda Johnson, janitor Little Brick.....do.....	7 50

DETAILED STATEMENT.

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March	26	E. Somers, janitor N. E. Dist.....	six weeks	\$12 00
Apr.	5	M. Ammundson, labor.....		5 75
	5	F. Teute, cleaning vaults.....		40 00
May	21	M. Ammundson, janitor High School.....	six weeks,	48 00
	21	Ben Johnson, janitor 1st ward.....	do.....	21 00
	21	Mrs. Johnson, janitor 2nd ward.....	do.....	36 00
	21	Mrs. R. Welsh, janitor 5th ward.....	do.....	24 00
	21	M. F. O'Callaghan, janitor 4th ward.....	do.....	24 00
	21	S. Sharer, janitor 6th ward.....	do.....	39 00
	21	Amanda Johnson, janitor Little Brick.....	do.....	7 50
	21	E. Somers, janitor N. E. Dist.....	do.....	12 00
June	7	M. F. O'Callaghan, labor.....		7 50
	7	S. Sharer, labor.....		24 00
July	2	M. Ammundson, janitor High School.....	six weeks,	48 00
	2	B. Johnson, janitor 1st ward.....	do.....	18 00
	2	Mrs. J. Johnson, janitor 2nd ward.....	do.....	36 00
	2	M. F. O'Callaghan, Janitor 4th ward.....	do.....	21 00
	2	Mrs. R. Welsh, janitor 5th ward.....	do.....	21 00
	2	S. Sharer, janitor 6th ward.....	do.....	33 00
	2	Amanda Johnson, janitor Little Brick.....	do.....	6 00
	2	E. Somers, janitor N. E. District.....	do.....	9 00
Sept.	6	M. Ammundson, labor.....		29 50
	6	S. Sharer, labor.....		18 25
Oct.	4	Granville Robbins, labor.....		31 80
	4	Mrs. John Johnson, labor.....		8 00
	4	M. F. O'Callaghan, labor.....		24 75
	22	M. Ammundson, janitor High School.....	seven weeks,	56 00
	22	Ben Johnson, janitor 1st ward.....	do.....	24 50
	22	Mrs. John Johnson, janitor 2nd ward.....	do.....	42 00
	22	M. F. O'Callaghan, janitor 4th ward.....	do.....	28 00
	22	Mrs. R. Welsh, janitor 5th ward.....	do.....	28 00
	22	S. Sharer, janitor 6th ward.....	do.....	45 50
	22	Amanda Johnson, janitor City Hall School.....	do.....	8 75
	22	E. Somers, janitor N. E. Dist.....	do.....	14 00
Nov.	1	Amanda Johnson, cleaning.....		6 50
	1	Mrs. R. Welsh, cleaning.....		6 00
Dec.	6	John Joy, labor.....		5 00
	6	W. M. Whelan, moving wood.....		4 00
	10	M. Ammundson, janitor High School.....	seven weeks,	56 00
	10	Ben Johnson, janitor 1st ward.....	do.....	24 50
	10	Mrs. John Johnson, janitor 2nd ward.....	do.....	42 00
	10	M. F. O'Callaghan, janitor 4th ward.....	do.....	28 00
	10	Mrs. R. Welsh, janitor 5th ward.....	do.....	28 00
	10	S. Sharer, janitor 6th ward.....	do.....	45 50
	10	Amanda Johnson, janitor City Hall School.....	do.....	8 75
	10	E. Somers, janitor N. E. Dist.....	do.....	14 00

\$1, 556 05

REPAIRS.

Feb.	1	Vroman & Mason.....		\$54 30
	1	Frederickson & Fish.....		7 39
	1	W. H. Karns, storm doors.....		12 00
	1	Thos. Regan, plumbing.....		18 05
	1	E. Burdick, cash paid for repairs.....		119 35
March	1	Samuel Chase, carpenter work.....		106 17
	1	Jacob Seiler, glazing.....		5 70
	1	T. A. Nelson.....do.....		8 83
July	5	Frederickson & Fish, lumber.....		5 28
Aug.	2	Vroman & Mason.....do.....		62 21

MADISON PUBLIC SCHOOLS.

Aug.	2	T. A. Nelson, glazing.....	\$7 29
Sept.	6	Frederickson & Fish, lumber.....	63 40
	6	T. A. Nelson, glazing.....	6 13
	6	W. H. Karns, repairs 6th ward	45 50
	6	John Replinger, painting	34 07
	6	John Nihs, whitewashing	120 25
	6	S. Chase, shingling, 2d ward, etc.....	254 53
	6	John H. Starck, shingling, 4th ward	112 72
Oct.	4	Vroman & Mason, lumber.....	412 29
	4	H. Schmelskopf, glazing	2 50
	4	Wm. Storm, tin work, 4th ward.....	32 84
	4	W. T. McConnell, grass seed.....	4 08
	4	De Witt Ramsay, hardware	616 42
Nov.	1	Fahey & Lucas, resetting furnace.....	11 32
	1	F. H. McKay, dampers	9 00
	1	Darwin Clark, repair furniture.....	4 10
	1	F. C. Sheasby, repairs at city hall school room	26 81
Dec.	6	Esser & Oakey, repair chimney, 6th ward.....	13 83
	6	Jacob Seiler, repairs, 6th ward.....	14 81

\$2, 191 17

SUPPLIES.

Feb.	1	E. Burdick, cash paid for school supplies.....	\$348 11
Mar.	1	Presbyterian church, use of room for institute.....	5 00
	1	Western Farmer Pub. Co., stationery.....	33 26
	1	J. H. Carpenter, paper.....	11 55
	1	Sumner & Morris, hardware	7 13
April	5	John Corscot, cash for postage, etc.....	12 75
	5	Brossingham & Kinney, brooms ...	15 00
June	7	A. A. Mayers, dusters, kerosene, etc.....	9 86
	7	L. C. Larson, brooms	15 25
	7	Seth Thomas Clock Co., extras for clocks.....	6 70
	7	C. W. Frederick, supplies ..	4 43
	7	Ogilvie & Zehnter...do.....	4 37
July	5	John Lueders, music for High School com.....	15 00
	5	E. A. Mayers, filling diplomas.....	5 36
Sept.	6	W. H. Beach, cash for supplies ..	26 82
Oct.	4	Seth Thomas Clock Co., clock for High School.....	10 00
Nov.	1	Eagle Pencil Co., pencils.....	250 00
	1	Jas. E. Moseley, stationery	47 79
	1	A. A. Mayers, supplies.....	8 63
	1	W. H. Beach, cash for supplies	77 59
Dec.	6	E. Burdick, cash for supplies.....	85 71
	6	Dan Larkin & House, brooms	29 00
	6	John Corscot, cash for drayage, etc.....	4 50

\$1, 033 81

FUEL.

Feb.	1	E. Burdick, wood.....	\$58 25
Mar.	1	E. Burdick, freight on wood	14 22
	1	Jacob Bremmer, wood.....	22 50
April	5	Conklin & Co., coal and wood.....	41 58
June	7	James Crumey, cutting wood	10 00
Sept.	6	Julius Burdick, weighing coal.....	23 00
	6	H. G. Dodge & Sons, coal	2, 208 06

\$2, 377 61

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FURNITURE.

Feb. 1 E. Burdick, cash paid \$10 65

CLERK'S SALARY.

Jan. 4 John Corscot, $\frac{1}{4}$ salary \$37 50
 July 2 John Corscot, $\frac{1}{2}$ year's salary 75 00
 \$112 50

PRINTING.

Feb. 1 E. Burdick, cash for blanks \$5 50
 March 1 Horner & Sykes.....do. 3 00
 April 5 M. J. Cantwell, printing annual reports 157 50
 June 7 R. Porsch, blanks.....do. 12 25
 Sept. 6 D. Atwood, advertising 7 00
 6 Horner & Sykes, blanks.....do. 32 25
 Dec. 6 M. J. Cantwell, printing 24 50
 6 Democrat Printing Co., printing 39 40
 \$281 40

SITES AND STRUCTURES.

Feb. 1 E. Burdick, sewer tax paid..... \$127 69
 1 E. Burdick, cash for furnace..... 90 53
 June 30 E. Burdick, $1\frac{1}{2}$ lots for 3d ward school..... 5,250 00
 Aug. 2 Barney Halligan, stone gutter, 2d ward 45 00
 Sept. 6 City Treasurer, $\frac{1}{2}$ expense culvert and grading 4th wd 202 64
 \$5,715 86

TEACHERS' WAGES.

Feb. 13 W. H. Beach, Sup't $\frac{1}{2}$ term \$333 33
 12 W. M. Pond, Principal High School $\frac{1}{2}$ term 250 00
 15 Mina Stone, Preceptress.....do..... 6 weeks 90 00
 12 Jennie M. Carrier, teacher...do.....do..... 90 00
 12 Rose Case...do.....do.....do.....do..... 96 00
 12 Carolyn L. Howe.....do.....do.....do.....do..... 90 00
 12 Sarah Chambers.....do.....do.....do.....do..... 84 00
 12 Mary Parkinson.....do.....do.....do.....do..... 84 00
 12 Mrs. E. W. Atwood...do.....do.....do.....do..... 60 00
 12 Susan M. Williamson do.....do.....do.....do..... 54 00
 12 Bertha Pitman...do.....do.....do.....do..... 54 00
 12 Mrs. M. E. Brand...do.....do.....music.....do..... 66 66
 12 M. L. Byrne, principal 1st ward.....do.....do..... 90 00
 12 Ella Hickok, teacher 1st ward $\frac{1}{2}$ term.....do..... 71 00
 12 Mary L. Edgar...do.....do.....do.....6 weeks.....do..... 60 00
 12 Ida E. Bell.....do.....do.....do.....do.....do..... 60 00
 12 Hattie O. Thoms, principal 2d ward $\frac{1}{2}$ term.....do..... 108 33
 12 Mary McGovern, teacher.....do.....do.....6 weeks.....do..... 72 00
 12 Eliza Herfurth.....do.....do.....do.....do.....do..... 72 00
 12 Irene Larkin.....do.....do.....do.....do.....do..... 71 00
 12 Isabella Lamont.....do.....do.....do.....do.....do..... 71 00
 12 Caroline Harper.....do.....do.....do.....6 weeks.....do..... 54 00
 12 Ella Larlin, teacher Little Brick $\frac{1}{2}$ termdo..... 71 00
 12 Katharine Foote, principal 4th ward, 6 weeks.....do..... 90 00
 12 Maggie M. Champer, teacher, 4th ward, 6 weeks....do..... 66 00
 12 Mary L. Burdick.....do.....do.....do..... $\frac{1}{2}$ term.....do..... 71 00
 12 Belle Byrne.....do.....do.....do.....do.....do..... 71 00
 12 Jennie McMillan, principal 5th ward, 6 weeks.....do..... 90 00

Feb.	12	Helen R. Gleason, teacher, 5th ward, 6 weeks.....	\$60 00
	12	Mary E. Storm.....do.....do..... $\frac{1}{2}$ term.....	71 00
	12	Lelia M. Gile.....do.....do.....6 weeks.....	48 00
	12	Maggie Galbraith, principal 6th ward.....do.....	90 00
	12	Maggie M. Mayers, teacher.....do.....do.....	72 00
	12	Annette Nelson.....do.....do.....do.....	60 00
	15	Rosa Dengler.....do.....do.....do.....	54 00
	12	Florence Foote.....do.....do..... $\frac{1}{2}$ term.....	71 00
	12	Theresa Cosgrove.....do.....do.....6 weeks.....	54 00
	12	Carrie Billings.....do...N. E. Dist. $\frac{1}{2}$ term.....	71 00
	12	Rosa Dengler, teacher, balance due.....	6 00
	12	Annette Nelson.....do.....do.....	6 00
March	1	Jno M. Parkinson, do...High School.....	24 00
	26	W. H. Beach, sup't, $\frac{1}{2}$ term.....	333 33
	26	W. M. Pond, principal high school, $\frac{1}{2}$ term.....	250 00
	26	Mina Stone, preceptress.....do.....6 weeks.....	90 00
	26	Jennie M. Carrier, teacher.....do.....do.....	90 00
	26	Rose Case.....do.....do.....do.....	96 00
	26	Carrie Howe.....do.....do.....do.....	90 00
	26	Sarah Chambers.....do.....do.....do.....	84 00
	26	Mary Parkinson.....do.....do.....do.....	84 00
	26	Mrs. E. W. Atwood.....do.....do.....do.....	60 00
	26	Susan M. Williamson, do.....do...balance to date.....	6 00
	25	Bertha Pitman.....do.....do.....do.....	78 00
	26	Mrs. M. E. Brand.....do...music, $\frac{1}{2}$ term.....	66 66
	26	Ella Hickok.....do...1st ward.....do.....	71 00
	26	M. L. Byrne, principal.....do.....6 weeks.....	90 00
	26	Mary L. Edgar, teacher.....do.....do.....	60 00
	26	Ida E. Bell.....do.....do.....do.....	60 00
	26	Hattie O. Thoms, principal 2d ward, $\frac{1}{2}$ term.....	108 33
	26	Mary McGovern, teacher.....do.....6 weeks.....	72 00
	26	Eliza Herfurth.....do.....do.....do.....	72 00
	26	Irene Larkin.....do.....do..... $\frac{1}{2}$ term.....	71 00
	26	Isabella Lamont.....do.....do.....do.....	71 00
	26	Caroline Harper.....do.....do.....6 weeks.....	54 00
	26	Ella Larkin, teacher, Little Brick.....do.....	71 00
	26	Katharine Foote, principal, 4th ward.....do.....	90 00
	26	Maggie Champer, teacher, 4th ward, 6 weeks.....	66 00
	26	Belle Byrne.....do.....do..... $\frac{1}{2}$ term.....	71 00
	26	Mary L. Burdick.....do.....do.....do.....	71 00
	26	Jennie McMillan, principal 5th ward, 6 weeks.....	90 00
	26	Helen R. Gleason, teacher, 5th ward.....do.....	60 00
	26	Mary E. Storm.....do.....do..... $\frac{1}{2}$ term.....	71 00
	26	Lelia M. Gile.....do.....do.....6 weeks.....	48 00
	26	Maggie Galbraith, principal 6th ward.....do.....	90 00
	26	Maggie M. Mayers, teacher.....do.....do.....	72 00
	26	Annette Nelson.....do.....do.....do.....	66 00
	26	Rosa Dengler.....do.....do.....do.....	60 00
	26	Florence Foote.....do.....do..... $\frac{1}{2}$ term.....	71 00
	26	Theresa Cosgrove.....do.....do.....6 weeks.....	54 00
	26	Carrie Billings, teacher, Northeast District, $\frac{1}{2}$ term...	71 00
	26	John M. Parkinson, teacher, High School, to date.....	12 00
May	21	Wm. H. Beach, sup't, $\frac{1}{2}$ term.....	333 33
	21	John J. Esch, teacher, High School, $\frac{1}{2}$ term.....	50 00
	21	Mina Stone, preceptress.....do.....6 weeks.....	100 00
	21	Jennie M. Carrier, teacher.....do.....do.....	90 00
	21	Rose Case.....do.....do.....do.....	114 00
	21	Carrie L. Howe.....do.....do.....do.....	90 00
	21	Sarah Chambers.....do.....do.....do.....	84 00
	21	Mary Parkinson.....do.....do.....do.....	84 00

DETAILED STATEMENT.

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May	21	Mrs. E. W. Atwood, teacher, High School, 6 wks.....	\$78 00
	21	Susan M. Williamson, do.....do.....do.....do.....	66 00
	21	Bertha Pitman.....do.....do.....do.....do.....	96 00
	21	Mrs. M. E. Brand.....do.....do.....do.....do.....	66 66
	21	M. L. Byrne, principal, 1st ward, 6 weeks.....	90 90
	21	Ella Hickok, teacher.....do.....do.....do.....do.....	71 00
	21	Mary L. Edgar.....do.....do.....do.....do.....	66 00
	21	Ida E. Bell.....do.....do.....do.....do.....	60 00
	21	Hattie O. Thoms, principal, 2nd ward, ½ term.....	108 33
	21	Mary McGovern, teacher.....do.....do.....do.....do.....	72 00
	21	Eliza Herfurth.....do.....do.....do.....do.....	72 00
	21	Irene Larkin.....do.....do.....do.....do.....	71 00
	21	Isabella Lamont.....do.....do.....do.....do.....	71 00
	21	Caroline Harper.....do.....do.....do.....do.....	54 00
	21	Ella Larkin.....do.....do.....do.....do.....	71 00
	21	Katharine Foote, principal, 4th ward, 6 weeks.....	90 00
	21	Maggie Champer, teacher.....do.....do.....do.....do.....	66 00
	21	Mary L. Burdick.....do.....do.....do.....do.....	71 00
	21	Belle Byrne.....do.....do.....do.....do.....	71 00
	21	Jennie McMillan, principal, 5th ward, 6 weeks.....	90 00
	21	H. R. Gleason, teacher.....do.....do.....do.....do.....	60 00
	21	Mary E. Storm.....do.....do.....do.....do.....	71 00
	21	Lelia M. Gile.....do.....do.....do.....do.....	48 00
	21	Maggie Galbraith, principal 6th ward.....do.....do.....	90 00
	21	Maggie M. Mayers, teacher.....do.....do.....do.....do.....	72 00
	21	Annette Nelson.....do.....do.....do.....do.....	66 00
	21	Rosa Dengler.....do.....do.....do.....do.....	60 00
May	21	Florence Foote, teacher 6th ward, ½ term.....	71 00
	21	Theresa Cosgrove, do.....do.....do.....do.....	54 00
July	21	Carrie Billings.....do.....do.....do.....do.....	71 00
	21	John M. Parkinson, teacher, High School, to date.....	18 00
	2	Rose Case.....do.....do.....do.....do.....	95 00
	2	Maggie Galbraith, principal 6th ward, to date.....	90 00
	2	W. H. Beach, sup't schools, ½ term.....	333 35
	2	John J. Esch, teacher High School ½ term.....	50 00
	2	Mina Stone, preceptress.....do.....do.....do.....do.....	100 00
	2	Jennie M. Carrier, teacher.....do.....do.....do.....do.....	90 00
	2	Carrie Howe.....do.....do.....do.....do.....	90 00
	2	Sarah Chambers.....do.....do.....do.....do.....	84 00
	2	Mary Parkinson.....do.....do.....do.....do.....	84 00
	2	Mrs. E. W. Atwood.....do.....do.....do.....do.....	78 00
	2	Susan M. Williamson.....do.....do.....do.....do.....	66 00
	2	Bertha Pitman.....do.....do.....do.....do.....	96 00
	2	Mrs. M. E. Brand.....do.....do.....do.....do.....	66 66
	2	Jno. M. Parkinson, teacher High School, to date.....	18 00
	2	M. L. Byrne, principal 1st ward, 6 weeks.....	90 00
	2	Ella Hickok, teacher.....do.....do.....do.....do.....	71 00
	2	Mary L. Edgar.....do.....do.....do.....do.....	66 00
	2	Ida E. Bell.....do.....do.....do.....do.....	60 00
	2	Hattie O. Thoms, principal 2d ward, ½ term.....	108 33
	2	Mary McGovern, teacher.....do.....do.....do.....do.....	72 00
	2	Eliza Herfurth.....do.....do.....do.....do.....	72 00
	2	Irene Larkin.....do.....do.....do.....do.....	71 00
	2	Isabella Lamont.....do.....do.....do.....do.....	71 00
	2	Caroline Harper.....do.....do.....do.....do.....	54 00
	2	Ella Larkin.....do.....do.....do.....do.....	71 00
	2	Katharine Foote, principal 4th ward, 6 weeks.....	90 00
	2	Maggie Champer, teacher.....do.....do.....do.....do.....	66 00
	2	Mary L. Burdick.....do.....do.....do.....do.....	71 00
	2	Belle Byrne.....do.....do.....do.....do.....	71 00

July	2	Jennie McMillan, principal 5th ward, $\frac{1}{2}$ term.....	\$90 00
	2	Helen R. Gleason, teacher.....do.....6 weeks.....	60 00
	2	Mary E. Storm.....do.....do..... $\frac{1}{2}$ term.....	71 00
	2	Lelia M. Gile.....do.....do.....6 weeks.....	48 00
	2	Maggie M. Mayers ...do...6th ward.....do.....	72 00
	2	Annette Nelson.....do.....do.....do.....	66 00
	2	Rosa Dengler.....do.....do.....do.....	66 00
	2	Florence Foote.....do.....do..... $\frac{1}{2}$ term.....	71 00
	2	Theresa Cosgrove.....do.....do.....6 weeks.....	54 00
	2	Carrie Billings.....do.....do..... $\frac{1}{2}$ term.....	71 00
	2	John J. Esch, teacher High School, balance.....	50 00
Oct.	22	W. H. Beach, sup't schools, $\frac{1}{2}$ term.....	333 33
	22	W. M. Pond, principal High School, $\frac{1}{2}$ term.....	250 00
	22	Mina Stone, preceptress.....do.....1-6 year.....	108 33
	22	Jennie M. Carrier, teacher.....do.....7 weeks.....	105 00
	22	Carrie L. Howe.....do.....do.....do.....	105 00
	22	Mary Parkinson.....do.....do.....do.....	105 00
	22	Anna B. Moseley.....do.....do.....do.....	87 50
	22	Frances B. Sheldon.....do.....do.....do.....	87 50
	22	Mrs. E. W. Atwood.....do.....do.....do.....	84 00
	22	Susan M. Williamson do.....do.....do.....	63 00
	22	Bertha Pitman.....do.....do.....do.....	56 00
	22	Mrs. M. E. Brand.....do music, 1-6 year.....	66 00
	22	M. L. Byrne, principal 1st ward, 7 weeks.....	105 00
	22	Ella Hickok, teacher.....do..... $\frac{1}{2}$ -6 year.....	71 00
	22	Mary L. Edgar.....do.....do.....7 weeks.....	77 06
	22	Anna K. Meigs.....do.....do.....on acc't.....	49 00
	22	Hattie O. Thoms, principal 2d ward, 1-6 year.....	108 33
	22	Eliza Herfurth, teacher.....do.....7 weeks.....	84 00
	22	Irene Larkin.....do.....do.....1-6 year.....	71 00
	22	Isabella Lamont.....do.....do.....do.....	63 00
	22	Alice Deards.....do.....do.....7 weeks.....	71 00
	22	Ella Larkin.....do.....city hall school, 1-6 year....	71 00
	22	Katharine Foote, principal 4th ward, 7 weeks.....	105 00
	22	Maggie Champer, teacher.....do.....do.....	77 00
	22	Mary L. Burdick.....do.....do.....1-6 year.....	71 00
	22	Belle Byrne.....do.....do.....do.....	71 00
	22	Jennie McMillan, principal 5th ward, 7 weeks.....	105 00
	22	Caroline Harper, teacher.....do.....do.....	70 00
	22	Lelia M. Gile.....do.....do.....do.....	63 00
	22	Mary E. Storm.....do.....do.....1-6 year.....	71 00
	22	Maggie M. Mayers, principal 6th ward, 7 weeks.....	77 00
	22	Olive E. Baker, teacher.....do.....do.....	70 00
	22	Annette Nelson.....do.....do.....do.....	77 00
	22	Rosa Dengler.....do.....do.....do.....	70 00
	22	Florence Foote.....do.....do.....1-6 year.....	71 00
	22	Theresa Cosgrove.....do.....do.....7 weeks.....	63 00
	22	Carrie Billings.....do.....N. E. Dist.....do.....	84 00
Nov.	5	Annie K. Meigs, balance to Oct. 22, '87.....	14 00
Dec.	10	W. H. Beach, sup't city schools, 1-6 year.....	333 33
	10	W. M. Pond, principal High School, 1-6 year....	250 00
	10	Mina Stone, preceptress.....do.....do.....	137 60
	10	Jennie M. Carrier, teacher.....do.....7 weeks.....	105 00
	10	Carrie L. Howe.....do.....do.....do.....	105 00
	10	Mary Parkinson.....do.....do.....do.....	105 00
	10	Anna B. Moseley.....do.....do.....do.....	87 50
	10	Frances B. Sheldon.....do.....do.....do.....	87 50
	10	Mrs. E. W. Atwood.....do.....do.....do.....	98 00
	10	Susan M. Williamson do.....do.....do.....	63 00
	10	Bertha Pitman.....do.....do.....do.....	56 00

DETAILED STATEMENT.

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Dec.	10	Mrs. M. E. Brand, teacher, High School, 7 weeks.....	\$84 68
	10	M. L. Byrne, principal 1st ward to date	105 00
	10	Ella Hickok, teacher .....do.....1-6 year.....	86 40
	10	Mary L. Edgar .....do.....do.....7 weeks.....	77 00
	10	Anna K. Meigs.....do.....do.....do.....do.....	63 00
	10	Hattie O. Thoms, principal 2d ward, to date.....	137 60
	10	Eliza Herfurth, teacher, 2d ward, 7 weeks.....	84 00
	10	Irene Larkin.....do.....do.....on acc't fall term.....	86 40
	10	Isabella Lamont.....do.....do.....do.....do.....	86 40
	10	Alice Deards.....do.....do.....do.....7 weeks.....	63 00
	10	Ella Larkin, teacher city hall school, on acc't fall term	86 40
	10	Katharine Foote, principal 4th ward, 7 weeks.....	105 00
	10	Maggie Champer, teacher.....do.....do.....do.....	77 00
	10	Mary L. Burdick .....do.....do.....do.....on acc't fall term	86 40
	10	Belle Byrne.....do.....do.....do.....do.....do ..	86 40
	10	Jennie McMillan, principal 5th ward, 7 weeks.....	105 00
	10	Caroline Harper, teacher.....do.....do.....do.....	70 00
	10	Lelia M. Gile .....do.....do.....do.....on acc't fall term	63 00
	10	Mary E. Storm.....do.....do.....do.....do.....do ..	86 40
	10	Maggie M. Mayers, principal 6th ward, 7 weeks	105 00
	10	Olive E. Baker, teacher.....do .....do.....do.....	70 00
	10	Annette Nelson.....do.....do.....do.....do.....	77 00
	10	Rosa Denger .....do.....do.....do.....do.....do.....	70 00
	10	Florence Foot e.....do.....do.....do.....on acc't fall term ..	86 40
	10	Theresa Cosgrove.....do .....do.....do.....7 weeks.....	63 00
	10	Carrie Billings .....do N. E. Dist. ....do.....	84 00
	10	Helen Winter .....do.....do.....do.....5 do.....	30 00
	10	Mary McGovern.....do.....2d ward, fall term.....	168 00
			<u>\$19,933 36</u>

HIGH SCHOOL ADDITION

Sept.	6	O. J. Williams, on acc't plans and supervision.....	\$350 00
	6	James Livesey, 1st estimate on contract for construction	2,194 00
Oct.	10	James Livesey, 2d estimate on contract for construction.....	4,707 41
	10	Geo. C. Chase, sup't of construction (on acc't).....	50 00
	10	John Nader, plans	50 00
Nov.	10	James Livesey, 3d estimate on contract for construction.....	7,735 57
Dec.	6	Z. Ramsdale, anchor bolts.....	13 25
	6	Madison Gas Co., laying gas main to building	99 77
	6	Geo. C. Chase, sup't construction (on acc't).....	100 00
	6	O. J. Williams, architect, on acc't.....	458 55
	6	James Livesey, 4th estimate on contract for construction	1,350 00
	6	Geo. H. Hess & Co., on acc't heating apparatus.....	1,000 00
			<u>\$18,108 55</u>

THIRD WARD SCHOOL BUILDING.

Sept.	6	Joseph Livesey, 1st estimate on contract for construction	\$1,786 60
Oct.	4	Z. Ramsdale, anchor bolts.....	24 80
	4	Joseph Livesey, 2d estimate on contract for construction	2,220 64
	10	Geo. C. Chase, on acc't for superintendence.....	50 00
	10	John Nader, plans	50 00
Nov.	1	J. O. Gordon, superintendent construction.....	136 50

Nov.	1	Joseph Livesey, 3d estimate on contract for construction	4,787 76
Dec.	6	Aug. Schmidt & Co., anchor bolts.....	17 80
	6	Madison Gas Co., laying gas main to building.....	14 25
	10	Joseph Livesey, 4th estimate on contract for construction	1,475 00
			<u>\$10,563 35</u>

RECAPITULATION.

Of Receipts and Expenditures from Dec. 31, 1886, to Jan. 1, 1888.

RECEIPTS.

Taxes.....	\$22,891 56	.....
School Fund apportionment.....	5,163 78	.....
Fines.....	5 50	.....
High School Apportionment.....	215 70	.....
Tuition.....	654 00	.....
Rent.....	60 00	.....
Notes payable (loan).....	40,000 00	.....
Supplies	97 99	.....
Sites and structures (buildings sold)	550 00	.....
		<u>\$69,638 53</u>

EXPENDITURES.

Interest.....	\$98 91	.....
Census.....	281 60	.....
Library and apparatus.....	358 69	.....
Janitors and labor.....	1,556 05	.....
Repairs.....	2,191 17	.....
Supplies.....	1,033 81	.....
Fuel.....	2,377 61	.....
Furniture	10 65	.....
Clerk's salary.....	112 50	.....
Printing.....	281 40	.....
Sites and structures.....	5,715 86	.....
Teachers' wages.....	19,933 36	.....
High School Addition.....	18,108 55	.....
Third Ward School Building.....	10,563 35	.....
Overdrafts 1886 paid.....	433 72	.....
Balance on hand Jan. 1, 1888.....	6,581 30	<u>\$69,638 53</u>

The indebtedness of the Board for loan from state school funds is \$40,000.

JOHN CORSCOT,

Clerk of Board of Education.

RULES OF THE BOARD OF EDUCATION.

QUORUM.

Five members shall constitute a quorum, and the following order of business shall be observed at the regular meetings:

ORDER OF BUSINESS.

1. Reading of proceedings of previous meeting.
2. Clerk's and Treasuerr's monthly report of funds in treasury.
3. Presentation of accounts.
4. Presentation of communications and petitions.
5. Reports of Standing Committees.
6. Reports of Special Committees.
7. Reports of Visiting Committees.
8. Report of superintendent.
9. Unfinished business.
10. New business.

QUESTIONS OF ORDER.

All questions of order shall be decided by the Chair, whose decisions shall prevail, unless overruled by the Board. Any member shall have a right to appeal in such cases.

AYES AND NOES.

Any member may demand the ayes and noes on any question. In all cases appropriating money the vote shall be taken by ayes and noes, and a majority of the Board shall be required to make an appropriation.

RESOLUTIONS AND REPORTS TO BE IN WRITING.

All resolutions and reports shall be in writing.

Every member who shall be present when the motion is put, shall give his vote, unless the Board, for special reasons, excuse him.

All questions relating to the conduct of teachers, their qualifications, their election, etc., shall be considered with closed doors, and no remark made by any member while considering said qualifications shall be repeated at any time or place.

BOARD MEETINGS.

There shall be a regular meeting of the Board held on the first Tuesday of each month, at 7:30 o'clock P. M. Special meetings shall be called by the Clerk, upon the request of the President or of two members of the Board.

SUSPENSION OF RULES.

These rules may be suspended by a majority of the Board.

REGULATIONS.

SUPERINTENDENT.

1. The Superintendent shall act under the instruction of the Board of Education, and shall have the general supervision of all the public schools, school houses and apparatus; and shall visit each school as often as practicable, in order to acquaint himself thoroughly with the qualifications of the teacher and the condition of the school.

2. He shall assist the teacher in the classification and promotion of pupils, aid in maintaining good order in the school, and cause the course of study adopted by the Board to be followed; but any pupil shall be excused from study at the request of his parent or guardian.

3. It shall be his duty to enforce the regulations of the Board, for which purpose he shall have power to suspend such teachers or pupils as may refuse to comply with the requirements of the Board of Education, and report such suspension immediately to the President of the Board.

4. He shall meet the teachers as often as once in each week during term time, for the purpose of instructing them in the theory and practice of teaching, and the best methods of governing their respective schools, and shall make a report to the Board, at each regular meeting thereof, of the attendance and punctuality of the teachers, and other points which he may deem of importance.

5. He shall have power to fill vacancies, in case of temporary absence of teachers, and shall report the same to the Board at their next meeting.

6. It shall be his duty to keep a record of the monthly reports of each teacher, embracing the average attendance, punctuality, deportment, and scholarship of the pupils in their respective schools, as well as the number of parents, and others who have visited the schools, and make a written report containing an abstract of the same, to the Board at each regular meeting.

7. He shall take special pains to secure the physical well-being of the pupils, by guarding them from the evils of improper ventilation and temperature, and giving them such exercises as will tend to strengthen and develop their physical energies.

8. At the close of each year, he shall report to the Board in writing, the condition of the schools, together with such suggestions, information and recommendations as he may deem proper.

9. It shall be the duty of the Superintendent to report to the Board during the last month of each term, what, if any, teachers then in the schools, should in his opinion, be no longer retained therein.

The Board of Education will determine, before the close of each term, what teachers engaged in the schools shall be retained for the coming year.

TEACHERS.

All teachers occupying positions in the public schools must fully subscribe to the following conditions:

1. The salaries paid entitle the Board to the services of the teachers for five and one-half days each week, legal holidays excepted.

2. Teachers shall observe and carry into effect all regulations of the Superintendent and Board of Education in relation to their respective schools, attend punctually the weekly meetings of the teachers under the direction of the Superintendent; and whenever absent from said meetings, they shall report the cause of such absence, in writing, to the Superintendent, within one week thereafter, and he shall present the same to the Board, together with any facts within his knowledge that may aid in determining the propriety of such absence.

3. All teachers shall be at their school rooms at least thirty minutes before the opening of school in the morning, and fifteen minutes in the afternoon; and the bell shall be rung at 8:30 o'clock A. M., 10 strokes; at 8:55 A. M., 5 strokes; at 9 o'clock A. M., 3 strokes; at 1:45, P. M., 10 strokes; at 1:55 P. M., 5 strokes; at 2 P. M., 3 strokes; at recess, morning and afternoon, 3 strokes.*

4. Teachers shall require their pupils to be in their seats punctually at the appointed time, and all pupils not so seated shall be marked absent or tardy, as the case may be.

5. All teachers shall regulate the school room clock by the University time, and shall conform to this standard in making records of attendance for themselves and for their pupils.

6. It shall be a duty of the first importance with teachers to exercise a careful watchfulness over the conduct of their pupils in and around the school buildings, and on all suitable occasions to instruct and encourage them in correct manners, habits and principles.

7. Teachers shall inflict corporal punishment only in *extreme cases* and *in private*; such punishment shall not be inflicted on the same day upon which the offense is committed.

8. All cases of corporal punishment shall be reported immediately *in writing* to the Superintendent, with all the reasons therefor; and he shall embody such report in his monthly report to the Board.

9. Teachers may have power to suspend from the school, pupils guilty of gross misconduct or continual insubordination to school regulations; but in cases where the same is practicable, notice of such misconduct shall be given to the parent or guardian before suspension. Immediate notice of all sus-

*But any assistant teacher not in charge of a room will need to be at school only fifteen minutes before the opening of each session.

pensions shall be given, *in writing*, to the Superintendent, and to the parents or guardians of the pupils suspended.*

10. Teachers shall keep their school registers neatly and accurately, according to the forms prescribed, and fill out the blank reports according to the direction of the Superintendent, and hand in such report promptly at the teacher's meeting, on Saturday of the week for which such reports are made.†

11. Teachers shall attend carefully to the warming and ventilation of their school rooms — effectually changing the air at recess, so that the breathing of impure air may be avoided.

12. Any teacher absent from school on account of sickness or other necessity, shall cause *immediate* notice of such absence to be given to the Superintendent.

13. All teachers shall be held responsible for the order and discipline of their own rooms, and for any damage done in the same while under their control.

14. It shall be the duty of teachers in all cases of the absence of pupils from school to ascertain *at once* the cause of such absence, and to seek the co-operation of parents in preventing truancy.

15. All teachers employed for a school term shall be examined by the Superintendent and Committee of the Board, at least once in each year. The result of such examination shall be reported to the Board for action.

16. Every applicant for a teacher's situation shall, before being employed, pass an examination satisfactory to the Board; which examination shall be separate from the examination of those previously engaged in the schools of the city; and such examination shall take place as soon as practicable after the close of a term.

17. At the close of a term all teachers shall deliver their registers and class-books at the office of the Superintendent, and all Principals shall also deliver at the same office all keys of their respective buildings, together with a list of school property in their possession, accounting for such as may have been removed or injured.

18. It shall be the duty of all Principals to notify non-resident pupils of their liability to pay tuition, and they shall promptly report in writing to the Superintendent, the names of all such non-resident pupils in their respective schools.‡

*The Superintendent is to be notified at once whenever a pupil has been sent out of the room for misconduct, even if the pupil is not suspended. No pupil suspended during a previous term is to be allowed to return to school during a subsequent term without the written permission of the Superintendent, or the Board of Education.

†When no Saturday meetings occur, the report for any week or month should be sent to the Superintendent on the following Monday morning, during office hours.

‡Such report should be forwarded to the Superintendent within two weeks after the opening of the term of school.

19. Principals shall have the general supervision of the lower departments of their buildings, and shall attend to their proper classification, subject to such regulations as the Superintendent may prescribe; they shall make regulations, subject to his approval, for the maintenance of good order in the halls, on the stairways and grounds;* they shall have the supervision of the buildings, maps, charts, globes, books, keys and other school property, and shall be held responsible for their being kept in proper condition; they shall see that the persons in care of the buildings attend carefully to their duty, giving prompt notice of any delinquency on the part of such person.

HIGH SCHOOL—SPECIAL RULES

1. Scholars who desire to be promoted from the Second Grammar Department of any ward to the High School, are required to reach a standard of 75 per cent. in both the final oral and written examinations upon Arithmetic to Ratio, and English Grammar to Analysis; they will also be thoroughly tested in Reading, Spelling, Penmanship, Drawing, and Home Civil Government; besides, their school character must be good.

2. Every member of the High School is obliged to be excused by the faculty in order to be absent a part of each day, or to omit any branch belonging to the general exercises; these are to be taken into account for promotion and graduation the same as any other branch.

3. Pupils who are allowed to take but one leading study in the High School, will need to be in attendance during the whole of one of the four sessions of the day; they will also need to take the general exercises of the room for that hour. Those having two leading studies must attend one-half of the day, be subject to the same requirements regarding general exercises, and take part in Reading and Rhetorical exercises.

PUPILS.

1. No pupil shall be received or continued in the Public Schools under six years of age, unless prepared to enter a class already formed, except at the opening of the Fall Term, when they may be admitted at the age of five years; nor in the Grammar School unless regularly transferred, or found upon examination qualified to enter the lowest class therein, except by permission of the superintendent; nor in the High School under the age of thirteen years without the consent of the Board of Education.

2. All pupils are required to be at their respective school rooms before the time of beginning school; to be regular and punctual in their daily attendance, and conform to the regulations of the school; to be diligent in

* All the teachers in the building should co-operate with the Principal in looking after the children on the grounds, and it is strongly urged that several of the teachers be found upon the grounds whenever the children are there, not to domineer over them, but to be unto them companions and guides. Let it be remembered that it is a dangerous experiment to allow a large number of pupils to herd together without proper oversight.

study, respectful to teachers, and kind to schoolmates; and to refrain entirely from the use of profane and indecent language.

3. No pupils shall be allowed to go upon the ice of the lakes or upon the railroad track, between the hours of 9 and 12 A. M., and 2 and 4:30 P. M.

4. Pupils who shall accidentally, or otherwise, injure any school property whether school furniture, apparatus, buildings, fences, shrubs, or any property whatever belonging to the Public Schools, shall be liable to pay in full for damages.

5. Pupils are required to furnish themselves with all the necessary textbooks used in their classes.

6. Every student who shall be absent from school, for half a day or more, shall bring to his teacher a written excuse from his parent or guardian for such absence.

7. A pupil absenting himself from his seat for one entire week, shall forfeit all rights thereto, and can be re-admitted only as a new pupil, except in case of sickness.

8. Two half days' absence (two tardy marks being equivalent to a half day's absence) in four consecutive weeks, sickness only excepted, shall render the pupil liable to suspension.

9. Any pupil who shall absent himself from any regular examination, and who fails to render a sufficient excuse for such absence, shall not be allowed to return to the school without the consent of the Board of Education.

10. For open disobedience, insubordination, or indulgence in profane or indecent language, a pupil may be suspended by a teacher, or expelled by the Superintendent, immediate notice of which shall be given to the parent or guardian; in all cases of suspension, the pupils can only be re-admitted into the school by written permission from the Superintendent, and in case of expulsion, by permission of the Board of Education.

11. Any pupil who shall have fallen twice below 60 per cent. in one of his studies, may be put into a lower class in such study.

12. No pupil shall be allowed to pursue in school a greater number of branches than those laid down in the course of study, for his or her grade, except by permission of the Board of Education. Every student devoting above one hour each day, out of school to music, must have consent of the Board of Education in order to attend school for more than one of the two daily sessions; and no scholar, without such consent of the Board, shall be dismissed from school for a part of the day, if he studies what are known as the standard branches of his grade, or their equivalent.

13. Whenever any parent or guardian feels agrieved at the action of any teacher, he is requested to give information thereof to the Superintendent; and in case the matter is not satisfactorily adjusted by him, such parent or guardian may appeal to the Board.

JANITORS.

It shall be the duty of janitors to do all work required at their respective buildings or grounds. Whenever fires shall be necessary, they shall be made in time to insure the required warmth by half-past eight o'clock in the morning, and must be looked after as often as necessary to maintain a comfortable temperature in the school rooms during the day.

All sweeping of floors must be completed after the close of each school day, and the furniture be dusted and cleaned before the opening of the building at half-past eight in the morning.

The walls, ceilings and mouldings will be swept as often as required by the principal and the visiting committee, and the walks in and around the school grounds will be kept clear of snow, whether in term time or vacation, and the cutting of weeds or grass will be done by the janitors as often as necessary.

Janitors will be paid as follows:

For High School, \$10.50 per week.

For the stone buildings, First and Sixth Wards, \$3.50 per week, when fires are required, and \$3 per week when not necessary.

For the Second Ward, \$6; Third, Fourth and Fifth wards, \$4 per week when fires are necessary, and \$3.50 when not necessary.

For the frame building in the Sixth ward, \$3 per week when fires are necessary, and \$2.50 when not necessary.

For the Northeast building, \$2 per week when fires are necessary, and \$1.50 when not necessary.

The foregoing compensation shall in each case cover all making of fires, sweeping, dusting and wiping of rooms, halls, walks and closets, all dusting and wiping of seats, furniture and finish, both in building and closets, and also all necessary washing and cleaning of seats in closets, and ordinary washing in rooms or halls made necessary by any accident.

The general washing of rooms, halls, walks or closets, shall be done under the direction of the principal of each building when directed by the visiting committee of the school, in such building, and be paid for as an extra, at rates as nearly as practicable as follows: For the large ward buildings, including closets, when the whole is washed, \$6 per building, and in proportion if less than the whole building is washed. For the wooden building and closet in Sixth ward, \$2, and in that proportion for less. For the Northeast building \$1. The weekly compensation for the janitor at the High School shall be in full for all work required of a janitor, including washing of building and closets, except the washing in the summer vacation, which shall be paid for as an extra at a price not exceeding \$10.

The president and clerk are hereby authorized to draw certificates twice in each term, in payment for the weekly compensation of janitors, as herein

fixed, upon the certificate of the proper visiting committee that the janitor has properly discharged his duties as required by these rules.

Any janitor failing to do the work, as herein required, may be summarily dismissed by the Board.

GENERAL RULES.

1. There shall be two sessions of the school daily. The morning session shall commence at 9 o'clock and close at 12 m., during the year. The afternoon session shall commence at 2 and close at 4 in the Primary Departments, and at 4:30 in all the other rooms, except on Friday, when they may close at 4. In each department there shall be at least one recess of fifteen minutes during each session, and in all grades below the Grammar there shall be two such recesses during the forenoon session.*

2. Besides the ordinary vacations, the schools shall be closed on Saturday, all Thanksgiving and Fast days appointed by the State and General Government, and the Fourth of July. No teacher shall take any other day as a holiday, or close school, except at the regular time, for any purpose save on account of sickness or some unavoidable necessity.†

3. There shall be a public examination of all the schools at the close of each term. All promotions from the Primary to the Grammar schools shall be made at the close of the term, and be determined by examination. The Superintendent may promote scholars at other times for special merit, when found qualified.

4. The classification of scholars in the different departments shall be made with strict adherence to the course of study adopted by the Board, unless the Superintendent shall otherwise permit; and no text-books shall be used, or studies pursued, in any department of the school, except those prescribed by the Board.

5. No text-books shall be furnished to any of the teachers of the public schools, except upon the written order of the visiting committees of the schools for which the books are wanted, drawn on the clerk of the Board; and the clerk shall charge them to the teacher to whom they are delivered; the purchase price of the books to be deducted from the teacher's wages, unless the teacher shall at the end of his term of service, return the books to the clerk of the Board in good condition.

* But five minutes of each afternoon session shall be devoted to instruction and training in physical exercises under the supervision of the teacher.

† The attention of teachers is called to the last part of this rule, as the Board insist upon its strict observance.

6. The president and clerk are authorized to issue warrants for the payment of teachers each half term, and to the clerk of the Board of Education at the end of each quarter.

7. The teachers' meeting of each week, during the term time, shall be regarded as a school session, and absence therefrom shall be counted the same as half a day's absence from school.

8. All pupils whose parents or lawful guardians are non-residents of the city or school district, shall pay a tuition fee per term of \$8 in the High School building, and \$5 in all other schools. In all cases where a tuition fee is required by this rule, such fee shall be made to the treasurer of the Board within two weeks after the opening of the term or the commencement of the attendance of such pupil, or such pupil shall be suspended until such fee shall be paid.

9. The morning exercises of each department of the several schools may commence with singing or other appropriate music. The teachers may also, by reading or otherwise, instruct the pupils in politeness, truth-telling, abstinence from profanity, habits of sobriety, promptness, punctuality, and morals generally. No expression of opinion on religious tenets, and no sectarian or irreligious teachings will be allowed.

10. Every class pursuing a branch found in the course of study adopted by the Board of Education shall undergo a final examination when such branch shall have been completed, and each member of the class shall be required to reach the standard of 75 per cent. in order to pass.*

11. The school year shall commence on the first Monday of September. It shall continue 37 weeks, and be divided into three school terms.

12. The use of tobacco in and about the school buildings is strictly prohibited.

13. No theatrical exhibition, panorama, concert, or any other public entertainment by a traveling company, shall be advertised through the medium of the public schools.

14. Whenever the monthly report of any school in the city shows no case of tardiness, and at least 95 per cent. of attendance on the part of the pupils through the month, such school shall be allowed a half holiday, to be designated by the superintendent; the teacher will be expected to visit the city schools during this time and to report observations at the next Saturday meeting.

* The present practice is to require that the above per cent. be reached in both the oral and written test; a failure in one of them entitles the pupil to a re-examination within four weeks of school time, by his receiving private teaching on the subject; eighty per cent. is then required, and but one re-examination granted. Pupils dropped back into a class from which they had previously passed may be allowed the benefit of their former standing if their teacher so recommend.

CONTAGIOUS DISEASES.

RULE I.

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, small-pox, 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 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 attending physician'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.*

RULE II.

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 this city, except upon the written permission of the Superintendent of the city schools.

The Board suggests the following

PRECAUTIONS

to be used by those affected with either of the diseases named in Rule 1:

The patient should be placed in a separate room, from which everything not actually needed by him should previously have been removed, and no person except the physician, nurse or mother allowed to enter the room or touch the bedding or clothing used in the sick room until they have been thoroughly disinfected.

All articles used about the patient, such as sheets, pillow-cases, blankets, or cloths, should not be removed from the sick room until they have been thoroughly disinfected by soaking them for one hour in a solution composed of sulphate of zinc, 8 ounces; carbolic acid, 1 ounce; water, three gallons. After this they should immediately be put in boiling water for washing.

*The principal in each ward has charge of this subject in its relation to all the pupils in such ward.

All vessels used for receiving the discharges of the patient, of whatever nature, should have some of the same disinfecting fluid constantly therein, and immediately after use by the patient, should be emptied and cleansed with boiling water.

Use soft rags instead of handkerchiefs about the nostrils and mouth of the patient and immediately burn them.

A convalescent child should not be allowed to mingle with other children until three or four weeks have elapsed, and all who are liable to take the malady should be excluded from the room for a longer period.

After the patient is removed from the room, it should either be closed and filled with the fumes of burning sulphur or the ceilings and side-walls be thoroughly cleaned and lime-washed, and the wood work and floor thoroughly scrubbed with soap and water.

Complete separation on the one hand and thorough disinfection on the other, will prevent the spread of the disease beyond the sick room.

CERTIFICATES.

[Certificate to be used when the pupil has been ill with a Contagious Disease.]

MADISON, Wis.,....., 188...

I certify that I was the attending physician of, a pupil in school, of said city of Madison, during illness with (name disease) That said has been convalescent for the period of six weeks; that no other person in the family where resides is now ill with said or other contagious disease; and that to my knowledge the residence and clothing of said have been thoroughly disinfected, and that all danger of spreading contagion by said is past.

....., *Attending Physician.*

[Certificate to be used when the pupil has simply been exposed to Contagious Disease.]

MADISON, Wis.,....., 188...

I hereby certify that from lapse of time and precautions taken, all danger from spreading contagion by, a pupil in school, city of Madison (heretofore exposed to.....), is past.

....., *Resident Physician.*

NOTE 1.—Scarlatina and Varioloid come under Rule I.

NOTE 2.—Cases of Chicken-Pox, Measles, Whooping-Cough and Mumps are treated as follows. Those who have fully recovered from the disease are allowed to attend school; if there are other pupils in the family who have previously had the disease and recovered therefrom, they are likewise allowed to attend; but if such other pupils have never had the disease, they will be excluded from school until such time as will indicate whether they are going to suffer from the contagion in the family; if not, they may return to school.

NOTE 3.—Itch will cause the patient to be promptly shut out of school until full recovery is reached.

BY-LAWS.

OFFICERS.

The officers of the Board of Education shall consist of a President, Clerk, Treasurer, and the following standing committees, viz: Committee on Finance, Building Committee, Committee on Supplies, Committee on Text-Books, Committee on Teachers, and Visiting Committee.

PRESIDENT'S DUTIES.

The President shall call the Board to order at the hour appointed for the meeting, sign all certificates of appropriation, and perform all the duties appropriately belonging to his office. He shall also have authority to review the action of the Superintendent or teachers in suspending or expelling pupils, or other matters relating to the management of schools, and his action shall be final, unless appealed from to the Board at its next regular meeting.

In case of the absence of the president, the clerk shall call the meeting to order, and a president *pro tempore* shall be elected.

CLERK'S DUTIES.

The Clerk shall be elected annually by the Board, from its own body, and shall hold his office for the term of one year, and until his successor is elected and qualified. The Clerk shall notify the Common Council whenever a vacancy occurs in the Board; he shall keep a record of the proceedings of said Board, and shall keep all the records and papers belonging thereto: he shall, in each year, between the 15th and the 30th days of the month of June, cause to be taken a census of the children residing in the city between the ages of four and twenty years, and report the same to the State Superintendent of Public Instruction, as provided by law; he shall notify all members of the Board of all meetings, by mail or otherwise; he shall issue certificates of appropriation, after their being signed by the President of the Board, directly to the Treasurer, in the order in which such appropriations are made, specifying in said certificates the purposes for which such appropriations are made; he shall at every regular meeting of the Board, lay before the Board a balance sheet of the financial books of the Board; he shall notify teachers of their election, and require them to answer at once in writing; he shall also perform such other duties as the Board may prescribe or may be required by the laws of the state.

TREASURER'S DUTIES.

The treasurer, in addition to the duties required of him by law, shall keep a faithful account of all receipts and disbursements, and shall make a written report thereof at the last regular meeting of the Board, in December of each year. He shall also be required to report the amount in the treasury at every regular meeting, and at such other times as the Board may direct. Whenever he shall receive money from any source, he shall immediately report the same, and the amount thereof, to the clerk.

DUTIES OF COMMITTEE ON FINANCE.

The committee on Finance shall examine and report on all accounts prior to final action thereon, and perform such other duties as the Board may require; in case of the absence of any member or members of the Finance committee, the President shall appoint a member or members *pro tempore* to fill such vacancy.

DUTIES OF BUILDING COMMITTEE.

The Building committee shall have the general supervision of all matters pertaining to the erection of school houses, the alteration and repairs of the same, and report to the Board when desired.

DUTIES OF SUPPLY COMMITTEE.

It shall be the duty of the Supply committee to procure such school books as may be required for the use of indigent pupils in the city schools, and to purchase all school supplies, and attend to all minor repairs of buildings, fences, walks, and school apparatus.

DUTIES OF COMMITTEE ON TEXT BOOKS.

The committee on Text Books may recommend what books may be used in the schools, subject to a final action of the Board to be had thereon, and no text book shall be used in the schools until adopted by the Board.

DUTIES OF COMMITTEE ON TEACHERS.

The Committee on Teachers shall conduct the annual examination, aided by the Superintendent. They shall also examine all candidates for teachers' positions, and report the result of all examinations to the Board.

DUTIES OF VISITING COMMITTEE.

It shall be the duty of the Visiting Committee to visit their respective schools twice in each term, and report their condition and progress to the Board at the close of each term.*

* See also regulations on Janitors.

AMENDMENT OF CHARTER.

[Extract from Section 1, Chapter 160, Laws of Wisconsin, 1873.]

AMOUNT FOR SCHOOL PURPOSES.

A further sum, equal to four-tenths of one per cent. of the assessed valuation of the real and personal property of the city (or such less sum as the Board of Education may by resolution determine to be sufficient) shall be set apart and used for the payment of the current and contingent expenses of the city schools, and for no other purpose whatever.

SCHOOL CALENDAR.

WINTER TERM —

Commencing January 2d; ending March 23d, 1888.

SPRING TERM —

Commencing April 2d; ending June 15th, 1888.

FALL TERM —

Commencing September 3d; ending December 7th, 1888.

WINTER TERM —

Commencing January 7th, 1889.

OFFICE HOURS OF SUPERINTENDENT:

From 8:30 to 9:00 A. M.

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