

THE CITADEL

ARCHIVES AND MUSEUM

ANNUAL REPORT

OF THE

BOARD OF VISITORS

OF THE

SOUTH CAROLINA MILITARY ACADEMY

FOR THE

FISCAL YEAR ENDING OCTOBER 31, 1893.

TO THE

GENERAL ASSEMBLY

OF THE

State of South Carolina.

COLUMBIA, S. C.

CHARLES A. CALVO, JR., STATE PRINTER.

1893.

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REPORT.

OFFICE OF CHAIRMAN BOARD OF VISITORS
SOUTH CAROLINA MILITARY ACADEMY.

November, 1893.

To His Excellency, B. R. TILLMAN, Governor :

The Board of Visitors of the South Carolina Military Academy submit their annual Report, to be by you transmitted to the General Assembly.

BOARD OF VISITORS.

GEN. JOHNSON HAGOOD, <i>Chairman</i>	Barnwell, S. C.
REV. S. B. JONES, D. D.....	Columbia, S. C.
COL. H. A. GAILLARD.....	Winnsboro, S. C.
MAJ. C. S. GADSDEN... ..	Charleston, S. C.
COL. JNO. P. THOMAS.....	Columbia, S. C.
THE GOVERNOR OF THE STATE (<i>ex officio</i>).....	Columbia, S. C.
THE ADJUTANT AND INSPECTOR-GENERAL OF THE STATE (<i>ex officio</i>).....	Columbia, S. C.
STATE SUPERINTENDENT OF EDUCATION (<i>ex officio</i>)...	Columbia, S. C.
CHAIRMAN MILITARY COMMITTEE OF THE SENATE (<i>ex officio</i>).....	Columbia, S. C.
CHAIRMAN MILITARY COMMITTEE OF THE HOUSE OF REPRESENTATIVES (<i>ex officio</i>).....	Columbia, S. C.
COL. H. A. GAILLARD, <i>Secretary of the Board</i>	Winnsboro, S. C.

ACADEMIC BOARD.

COL. ASBURY COWARD,
Superintendent and Professor of Moral and Political Science.

2ND LIEUT. JNO. M. JENKINS, 5TH CAV. U. S. A.,
Commandant of Cadets and Professor of Military Science and Tactics.

MAJ. ST. JAMES CUMMINGS,
Professor of English Literature and History.

MAJ. C. L. REESE,
Professor of Chemistry and Physics.

MAJ. R. G. THOMAS,
Professor of Mathematics and Engineering.

CAPT. P. P. MAZYCK,
Assistant Professor, in Charge of Modern Languages.

2ND LIEUT. O. G. BOND,
Assistant Professor of Mathematics, and in Charge of Drawing and Bookkeeping.

2ND LIEUT. J. T. COLEMAN,
Assistant Professor of Chemistry and Physics.

2ND LIEUT. C. E. JOHNSON,
Assistant Professor of English Literature and History.

F. L. PARKER, M. D.,
Surgeon.

1ST. LIEUT. W. W. WHITE,
Quartermaster.

FIRST CLASS.

16 MEMBERS.—GRADUATED JULY 14, 1893.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admis'on.	ORDER OF MERIT IN									
						Mathematics.	Physics.	Modern Languages.	English.	Drawing & Bookk'g.	Elo. & Composition.	Military Science.	Conduct.		
1	*D. J. Lucas.....	Charleston ..	S. C.	B	15	1	1	1	1	2	7	1	1		
2	*F. S. Wilcox.....	Polk	N. C.	P	15	3	2	4	3	5	9	3	10		
3	G. Shanklin.....	Oconee.....	S. C.	B	18	4	3	10	2	11	2	1	9		
4	J. W. Cantey.....	Kershaw	S. C.	B	16	6	4	12	4	8	7	4	3		
5	J. P. Thomas.....	Union.....	S. C.	B	15	2	9	9	5	3	4	6	5		
6	W. A. Stribling...	Spartanburg.	S. C.	B	16	7	8	5	7	1	2	9	4		
7	E. B. Fishburne...	Colleton	S. C.	P	15	5	7	8	8	9	14	10	12		
8	R. McC. Perrin....	Abbeville ...	S. C.	B	16	11	6	2	6	14	1	5	8		
9	J. E. Earle.....	Greenville ...	S. C.	P	16	8	10	7	13	10	9	11	7		
10	W. B. Gourdin....	Williamsburg	S. C.	B	17	9	11	11	10	12	12	13	11		
11	G. H. Atkinson....	Richland....	S. C.	P	15	13	5	13	10	4	4	12	6		
12	B. D. Wilson.....	Sumter	S. C.	B	15	10	12	3	9	7	11	14	13		
13	G. Bowen.....	Anderson ...	S. C.	P	15	12	15	14	15	6	15	8	2		
14	W. E. Woodward..	Aiken	S. C.	B	15	15	14	6	13	15	4	12	16		
15	G. H. Dial.....	Richland....	S. C.	P	15	14	16	16	16	13	15	16	14		
16	J. R. Verdier.....	Beaufort ...	S. C.	P	16	16	13	15	12	16	12	15	15		

SECOND CLASS.

54 MEMBERS.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	ORDER OF MERIT IN									
						Mathematics.	Physics.	German.	English.	Draw'g and B'k'g.	Elocution.	Military Science.	Conduct.		
1	*O. F. Hunter	Barnwell.....	S.C.	B	18	2	4	2	2	1	27	13	4		
2	*F. W. Gregg.....	Florence	S.C.	B	17	3	9	5	4	7	4	23	13		
3	W. P. Witsell.....	Colleton.....	S.C.	B	16	9	6	1	3	24	5	15	10		
4	G. M. Stackhouse..	Marlboro.....	S.C.	B	18	10	5	14	1	12	18	36	1		
5	T. E. L. Lipsey.....	Chester.....	S.C.	B	17	1	2	9	5	3	40	1	9		
6	J. G. Johnston.....	Newberry.....	S.C.	B	18	7	10	4	8	11	10	8	18		
7	C. O. Fishburne....	Charleston ...	S.C.	B	15	5	17	6	7	10	10	37	16		
8	W. S. Lee.....	Anderson	S.C.	B	18	12	7	20	14	2	6	6	14		
9	J. T. West.....	Greenville ...	S.C.	B	18	6	13	18	16	6	13	23	15		
10	R. H. McMaster...	Fairfield	S.C.	B	15	13	15	10	9	8	38	12	8		
11	R. L. Hughes.....	Hampton	S.C.	B	15	8	12	8	13	13	6	18	28		
12	P. E. Hutto	Lexington ..	S.C.	B	18	14	8	21	24	14	24	29	12		
13	J. E. Peurifoy.....	Edgefield	S.C.	B	18	11	24	7	11	26	2	33	23		
14	P. Anderson	Charleston ...	S.C.	P	16	20	18	3	20	15	34	11	2		
15	L. Gregory.....	Lancaster	S.C.	B	18	18	16	16	12	46	9	38	19		
16	St. C. Gwynn.....	Spartanburg.	S.C.	B	17	19	3	32	6	36	1	27	50		
17	H. Horlbeck.....	Charleston ...	S.C.	P	17	32	20	26	35	9	13	10	7		
18	R. E. Babb.....	Laurens	S.C.	B	18	15	21	44	10	3	18	5	36		
19	S. J. DuPré.....	Berkeley	S.C.	B	16	16	28	32	17	29	32	21	32		
20	T. C. Stevenson....	Chester.....	S.C.	B	17	25	23	38	27	19	18	16	24		
21	E. L. Ready	Edgefield	S.C.	P	18	24	27	22	36	34	2	6	22		
22	D. Kearney.....	Charleston ...	S.C.	B	17	17	21	12	32	32	40	20	35		
23	J. W. Rouse.....	Hampton	S.C.	B	18	23	14	36	23	29	48	9	42		
24	W. W. Clement....	Berkeley	S.C.	B	17	26	24	15	39	16	40	2	25		
25	A. E. Legaré.....	Orangeburg ..	S.C.	P	15	21	34	13	41	19	26	4	27		
26	J. G. Law.....	Darlington ...	S.C.	B	18	35	19	28	19	48	31	23	17		
27	F. Hinnant.....	Fairfield	S.C.	B	16	31	28	40	28	27	10	38	39		
28	E. H. Jeffords.....	Charleston ...	S.C.	P	16	34	30	19	31	19	39	19	31		
29	B. R. Hiers.....	Colleton.....	S.C.	B	18	36	37	25	21	39	17	3	26		
30	J. J. Burriss...	Anderson	S.C.	B	18	29	33	27	45	33	40	33	10		
31	A. C. Baskin.....	Sumter	S.C.	P	18	33	26	31	38	40	18	43	37		
32	H. DePass.....	Kershaw.....	S.C.	B	16	27	46	11	30	28	6	50	5		
33	P. J. Peterkin.....	Orangeburg ..	S.C.	P	19	40	31	44	37	35	33	14	20		

SECOND CLASS.—Continued.

54 MEMBERS.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	ORDER OF MERIT IN									
						Mathematics.	Physic.	German.	English.	Draw'g and B'k'g.	Elocution.	Military Science.	Conduct.		
34	W. Jervy.....	Charleston ...	S.C.	B	17	47	31	37	33	44	40	40	3		
35	W. S. Jervy.....	Charleston ...	S.C.	P	16	29	44	17	44	41	18	46	33		
36	G. M. Stuckey.....	Sumter	S.C.	P	18	37	35	35	34	49	15	35	29		
37	P. S. Norris.....	Edgefield.....	S.C.	B	16	32	11	34	40	17	49	44	46		
38	J. A. Moroso.....	Charleston ...	S.C.	B	16	39	41	24	14	37	40	45	45		
39	T. Stone.....	Greenville.....	S.C.	P	16	28	40	46	47	5	40	47	38		
40	W. S. Langford....	Newberry.....	S.C.	P	16	43	43	42	48	15	27	42	30		
41	W. A. Moore.....	Richland.....	S.C.	P	16	50	45	43	25	47	25	29	41		
42	E. L. McIntosh....	Newberry.....	S.C.	P	18	51	48	47	22	22	15	16	21		
43	F. L. Parker.....	Charleston ...	S.C.	P	15	46	47	30	43	25	37	48	34		
44	J. G. Cosby.....	Newberry.....	S.C.	B	17	38	49	48	42	42	18	21	40		
45	J. E. Keith.....	Florence ...	S.C.	P	15	48	38	29	18	43	40	32	49		
46	E. R. Tompkins..	York	S.C.	B	15	42	51	23	50	31	34	45	6		
47	J. P. Smith.....	Berkeley	S.C.	B	17	45	42	39	29	45	27	49	47		
48	W. K. Jackson....	Charleston ...	S.C.	P	16	41	38	45	49	23	50	31	44		
49	W. T. Green.....	Richland.....	S.C.	P	16	44	36	49	46	38	34	27	48		
50	E. A. McClellan..	Charleston....	S.C.	P	17	49	50	50	26	50	27	41	43		
<i>a</i> 51	W. P. Odom.....	Chesterfield ..	S.C.	B	18	4	1	...	...	...	...	...	...
<i>a</i> 52	W. G. Fike.....	Laurens	S.C.	B	18	...	...	...	...	...	...	...	...
<i>a</i> 53	E. C. Logan.....	Spartanburg..	S.C.	P	16	...	...	...	...	...	...	...	...
<i>b</i> 54	C. Matheson.....	Alachua.....	Fla.	P	16	...	...	...	...	...	...	...	...

a. Absent from examination—not graded.*b.* Transferred to Third Class.

THIRD CLASS.

34 MEMBERS.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	ORDER OF MERIT IN						
						Mathematics.	Physics.	French.	English.	Elocution.	Drawing.	Conduct.
1	*S. W. Reaves...	Marion.....	S. C.	B	16	1	1	1	1	..	1	1
2	*P. T. Hayne...	Greenville...	S. C.	B	15	3	2	2	3	..	3	6
3	A. Levy.....	Richmond ..	Ga.	P	16	2	3	3	4	..	2	7
4	H. C. Schwecke.	Charleston ..	S. C.	P	15	6	9	4	2	..	5	2
5	J. B. Allison....	York.....	S. C.	B	18	4	7	16	6	..	5	7
6	C. I. Green.....	Orangeburg ..	S. C.	B	18	7	5	8	10	..	10	12
7	C. B. Smith....	Union.....	S. C.	P	17	10	11	5	7	..	9	13
8	J. C. Minus....	Colleton....	S. C.	P	16	9	12	7	5	..	23	14
9	J. J. F. Barnes ..	Aiken.....	S. C.	B	17	5	6	10	12	..	6	19
10	S. H. Booth....	Horry.....	S. C.	B	18	8	14	9	8	..	4	5
11	R. E. Boggs....	Pickens.....	S. C.	B	18	11	10	12	16	..	8	20
12	C. R. Harvin...	Clarendon...	S. C.	B	17	17	8	15	15	..	18	16
13	H. E. Whitner..	Anderson...	S. C.	P	17	19	4	23	13	..	14	15
14	J. B. Livingston.	Richland...	S. C.	B	17	20	13	13	11	..	11	9
15	R. E. Lee.....	Abbeville...	S. C.	P	15	15	19	19	24	..	7	4
16	J. L. Flinn.....	Richland....	S. C.	P	16	12	17	20	14	..	22	21
17	J. E. Minter...	Laurens....	S. C.	P	16	16	23	17	18	..	17	3
18	P. Grausman...	Wake.....	N. C.	P	15	14	20	21	17	..	21	17
19	E. R. Wallace...	Union.....	S. C.	P	16	18	16	22	25	..	16	18
20	C. Martin.....	Lancaster...	S. C.	P	16	13	18	14	20	..	19	29
21	C. Matheson....	Alachua....	Fla.	P	16	23	21	11	9	..	25	9
22	C. T. Dowling..	Orangeburg ..	S. C.	P	15	22	15	25	23	..	12	11
23	C. D. Rollins...	Williamsburg	S. C.	B	16	21	22	29	26	..	13	28
24	H. A. Douglas..	Richland....	S. C.	B	16	28	24	24	19	..	29	23
25	C. E. Fleming...	Spartanburg.	S. C.	P	15	25	26	28	21	..	24	25
26	S. D. Jervey....	Charleston...	S. C.	P	15	27	27	6	22	..	28	27
27	E. S. Read....	Georgetown ..	S. C.	B	16	24	25	26	29	..	20	26
28	H. W. DeSausurre	Charleston...	S. C.	P	16	26	29	27	28	..	27	24
29	S. M. Beaty....	Union.....	S. C.	P	15	29	28	18	27	..	26	22
a30	C. Huguenin....	Charleston ..	S. C.	P	16	..	..	..	..	..	..	..
b31	A. S. Flud.....	.....	S. C.	.....	..	..	..	..	..	..	..	..
c32	R. G. Mills....	.....	S. C.	.....	..	..	..	..	..	..	..	..
d33	L. C. Speers...	.....	S. C.	.....	..	..	..	..	..	..	..	..
e34	C. F. Schwing..	.....	S. C.	.....	..	..	..	..	..	..	..	..
f35	W. C. Harlee...	.....	S. C.	.....	..	..	..	..	..	..	..	..

NOTE.—a. Transferred to Fourth Class. b. Permitted to retire. c. Suspended and dismissed. d. Deserted and expelled. e. Deficient and dismissed. f. Deficient in conduct and dismissed.

FOURTH CLASS.

32 MEMBERS.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admis'sion.	ORDER OF MERIT IN					
						Mathematics.	Physics.	French.	English.	Elo'n & Comp'n.	Conduct.
1	*W. W. Garner.....	Darlington....	S.C.	P	17	1	1	1	3	4	7
2	*R. G. Murphy.....	Union.....	S.C.	P	18	4	2	2	1	1	5
3	N. M. Salley.....	Orangeburg....	S.C.	B	16	2	3	8	6	2	10
4	G. L. Dickson.....	Sumter.....	S.C.	B	16	13	5	5	4	6	7
5	P. A. McMaster....	Richland.....	S.C.	B	17	11	4	6	2	9	19
6	F. K. Holman.....	Sumter.....	S.C.	P	17	7	7	3	12	8	3
7	S. W. Carwile.....	Edgefield.....	S.C.	B	17	3	11	10	11	7	9
8	A. H. Marchant....	Orangeburg....	S.C.	B	16	9	8	4	7	5	13
9	E. J. Rogers.....	Abbeville.....	S.C.	B	15	5	12	12	8	12	23
10	S. M. Martin.....	Barnwell.....	S.C.	B	16	8	13	16	8	3	14
11	F. W. Carmichael..	Marion.....	S.C.	B	18	12	6	13	10	11	3
12	C. P. Fishburne....	Colleton....	S.C.	P	18	10	24	14	15	10	1
13	J. Fox.....	Edgefield.....	S.C.	P	15	6	17	18	25	20	19
14	E. C. Wilcox.....	Polk.....	N.C.	P	15	28	13	15	5	18	18
15	E. Croft.....	Greenville....	S.C.	P	17	21	9	23	13	25	11
16	J. P. Galvin.....	Charleston....	S.C.	P	17	14	22	7	17	17	17
17	D. P. Smith.....	Spartanburg...	S.C.	P	16	20	15	20	18	16	14
18	J. S. Matthews....	Barnwell.....	S.C.	P	18	17	19	17	19	15	16
19	C. R. Stone.....	Greenville....	S.C.	P	16	19	10	27	21	26	12
20	W. Clyburn.....	Kershaw.....	S.C.	P	18	26	21	22	14	13	22
21	S. Wiley.....	Charleston....	S.C.	P	16	23	28	9	24	14	2
22	C. Huguenin.....	Charleston....	S.C.	P	16	16	26	11	23	28	21
23	W. H. Hill.....	Abbeville.....	S.C.	B	15	22	20	19	26	24	6
24	J. P. Guess.....	Barnwell.....	S.C.	P	17	27	16	24	22	22	27
25	H. G. Kaminer....	Richland.....	S.C.	P	16	24	27	26	20	19	24
26	R. V. Irby.....	Laurens.....	S.C.	P	17	15	25	28	27	21	28
27	J. M. Eaves.....	Barnwell.....	S.C.	P	17	18	23	25	28	27	26
28	B. M. Anderson...	Spartanburg....	S.C.	P	18	25	18	21	16	23	25
a 29	S. P. J. Garris....	Colleton.....	S.C.	P	18						
b	G. M. Gordon.....										
b	G. L. Wilson.....										
b	W. H. Holmes.....										
c	J. W. Rigby.....										

NOTE.—a. Absent (sick) from examination—not graded. b. Honorably discharged. c. Permitted to retire.

CONDUCT ROLL.—CORPS OF CADETS.—136 MEMBERS.
YEAR 1892-93.

Position.	NAME.	Merits.	Demerits.	Position.	NAME.	Merits.	Demerits.
1	Stackhouse.....	64½	.....	42	Levy	9½	.....
2	Lucas.....	61	.....	42	Fishburne, P.....	9½	.....
3	Hunter	58½	.....	44	Holman	9	.....
4	Anderson, P.....	57½	.....	44	Carmichael	9	.....
5	DePass	55½	.....	44	Peurifoy.....	9	.....
6	Stribling.....	53½	.....	47	Allison	8½	.....
7	Bowen.....	52½	.....	47	Gourdin	8½	.....
7	Tompkins	52½	.....	47	Stevenson.....	8½	.....
7	Cantey.....	52½	.....	50	Clement	6½	.....
10	McMaster, R.....	51	.....	51	Wilson, B.....	4	.....
11	Horlbeck.....	50½	.....	52	Hiers.....	3	.....
12	Jervey, W.....	48	.....	53	Murphy	2	.....
13	Lipsey.....	47½	.....	54	Livingston.....	1½	.....
14	Burriss	46½	.....	54	Matheson	1½	.....
15	Witsell.....	46	.....	56	Dowling	½	.....
16	Reaves.....	45	.....	57	Green, C.....	1½	.....
16	Hutto	45	.....	58	Legaré	4	.....
18	Gregg	43½	.....	59	Stuckey	4½	.....
19	Lee, W	43	.....	60	Hughes.....	7	.....
20	Thomas.....	42½	.....	61	Langford	7½	.....
21	West	41	.....	62	Hill.....	10½	.....
22	Fishburne, C.....	39	.....	63	Smith, C.....	11	.....
23	Atkinson.....	38½	.....	64	Jeffords	12	.....
24	Johnston	37	.....	65	DuPré.....	13½	.....
25	Law	36	.....	66	Dickson	15	.....
26	Schwecke	34½	.....	66	Garner	15	.....
27	Earle	30½	.....	68	Minus	20	.....
28	Perrin	30	.....	69	Salley	21½	.....
28	Gregory	30	.....	70	Carwile	22½	.....
30	Wiley.....	26	.....	71	Babb	24	.....
31	Peterkin	22½	.....	72	Parker	25	.....
32	Minter	22	.....	73	Dial	27½	.....
33	Lee, R	21½	.....	73	Kearney	27½	.....
34	Wilcox, F.....	20½	.....	75	Whitner	30	.....
35	Booth	19½	.....	76	Baskin	31	.....
36	Fishburne, E.....	16	.....	77	Croft	32½	.....
37	McIntosh	15	.....	77	Stone, T.....	32½	.....
38	Jervey, W. S.....	14	.....	79	Harvin	37	.....
39	Hayne.....	12½	.....	80	Hinnant.....	37½	.....
40	Ready	12	.....	81	Stone, R.....	41	.....
41	Shanklin	11½	.....	82	Marchant.....	41½	.....

CONDUCT ROLL.—CORPS OF CADETS.—136 MEMBERS.
YEAR 1892-93.—*Concluded.*

Position.	NAME.	Merits.	Demerits.	Position.	NAME.	Merits.	Demerits.
83	Cozby .....	.....	42½	110	Eaves .....	.....	125
84	Moore .....	.....	44	111	Moroso .....	.....	125½
85	Martin, M .....	.....	44½	112	Fleming .....	.....	131
85	Smith, D.....	.....	44½	113	Green, W.....	.....	131½
87	Rouse .....	.....	47	114	Read .....	.....	133
88	Grausman.....	.....	48½	115	Norris.....	.....	136½
89	Wallace .....	.....	51½	116	Jervey, S. D .....	.....	139
90	Verdier .....	.....	55	117	Smith, J.....	.....	141¼
91	Matthews .....	.....	56	118	Rollins .....	.....	144
92	Galvin .....	.....	58½	119	Keith .....	.....	144½
93	Barnes.....	.....	59½	120	Gwynn .....	.....	149
94	Boggs.....	.....	60	121	Martin, C.....	.....	152
95	Wilcox, E.....	.....	61½	122	Guess.....	.....	153
96	Flinn .....	.....	62½	123	Irby.....	.....	166
97	Fox .....	.....	64	} NOT GRADED.	Fike .....	.....	.....
97	McMaster, P.....	.....	64		Logan .....	.....	.....
99	Huguenin .....	.....	76½		Odom .....	.....	.....
100	Jackson .....	.....	77		Garris .....	.....	.....
101	Clyburne.....	.....	82½		Gordon .....	.....	.....
102	McClellan.....	.....	87		Holmes .....	.....	.....
103	Rogers .....	.....	97		Rigby .....	.....	.....
104	Kaminer .....	.....	103½		Flud .....	.....	.....
105	Beaty.....	.....	104		Wilson, G.....	.....	.....
106	Anderson, M.....	.....	106		Mills .....	.....	.....
107	Douglas .....	.....	113		Speers.....	.....	.....
108	DeSaussure.....	.....	113½		Harilee .....	.....	.....
109	Woodward .....	.....	120	Schwing .....	.....	.....

APPOINTEES TO SOUTH CAROLINA MILITARY ACADEMY, OCTOBER, 1893.

BENEFICIARY.

1. C. S. Bartless.....Beaufort County.
2. R. B. Cheatham..... Abbeville County.
3. J. B. DuBose..... Darlington County.
4. H. D. Elliott..... Beaufort County,
5. R. D. Epps..... Williamsburg County.
6. W. H. Haile..... Kershaw County.
7. A. G. Holmes..... Spartanburg County.
8. E. C. Horton..... Aiken County.
9. H. M. Langley..... Orangeburg County.
10. W. Mazyck..... Charleston County.
11. A. P. McElroy..... Oconee County.
12. S. M. McLeod..... Sumter County.
13. R. L. Stokes..... Union County.

PAY.

1. R. H. Allan..... Charleston, S. C.
2. H. G. Askins..... Williamsburg, S. C.
3. E. Baskin..... Sumter, S. C.
4. H. Brown..... Barnwell, S. C.
5. F. A. Coward..... Charleston, S. C.
6. A. M. Deal..... York, S. C.
7. S. M. Deal..... York, S. C.
8. J. D. Dial..... Richland, S. C.
9. C. E. G. Fell..... Charleston, S. C.
10. G. R. Fishburne..... Charleston, S. C.
11. Lee Hagood..... Richland, S. C.
12. W. H. Holmes..... Charleston, S. C.
13. B. S. Josey..... Darlington, S. C.
14. E. R. Milan..... Charleston, S. C.
15. A. T. Moore..... Richland, S. C.
16. C. C. Moore..... Kershaw, S. C.
17. W. H. Pearce..... Kershaw, S. C.
18. R. G. Stone..... Greenville, S. C.
19. J. H. Taylor..... Richland, S. C.
20. H. P. Teague..... Aiken, S. C.
21. R. Terrell..... Dallas, Tex.
22. B. J. Tillman..... Edgefield, S. C.
23. J. H. Warneke..... Aiken, S. C.
24. T. G. Watts..... Laurens, S. C.
25. T. H. West..... Charleston, S. C.
26. J. S. White..... York, S. C.

BATTALION ORGANIZATION OF THE SOUTH CAROLINA
MILITARY ACADEMY.

For the Year 1893-94.

STAFF.

LT. AND ADJUTANT—LEGARE. | LT. AND QUART'M'R—STACKHOUSE.
SERG'T-MAJOR—MATHESON. | QUR'T'RM'T'R-SERG'NT—SCHWECKE.

COMPANY OFFICERS.

<i>Company "A."</i>	<i>Company "B."</i>	<i>Company "C."</i>
Captain, LIPSEY.	Captain, DEPASS.	Captain, LEE.
Lieutenants, WEST. BURRIS. McINTOSH.	Lieutenants, TOMPKINS. GREGG. ANDERSON, P.	Lieutenants, HORLBECK. PETERKIN. JOHNSON.
First Sergeant, ALLISON.	First Sergeant, MINTER.	First Sergeant, HAYNE.
Sergeants, SMITH, C. BOOTH. GREEN, C.	Sergeants, REAVES. LIVINGSTON. LEVY. BARNES.	Sergeants, HARVIN. BOGGS. DOWLING. FLEMING.
Corporals, HOLMAN. MURPHY. CARMICHAEL. ANDERSON, M.	Corporals, DICKSON. McMASTER, P. WILEY. WILCOX.	Corporals, MATHEWS. CROFT. CARWILE. MARTIN, M.
	Color Guard, Sergeant SMITH, C. Privates, COZBY. SMITH, J.	

COURSES OF INSTRUCTION.

The branches of study taught at the South Carolina Military Academy are grouped under the following departments :

1. *Mathematics and Engineering*.—Comprising Algebra, Geometry, Trigonometry, Surveying, Descriptive Geometry, Analytical Geometry, Calculus, Military Engineering, Civil Engineering, Drawing, Bookkeeping.

2. *Physical Science*.—Comprising Physical Geography, Physiology and Hygiene, Natural Philosophy, Chemistry, Mechanics, Mineralogy, Geology, Astronomy.

3. *History, Belles-Lettres and Ethics*.—Comprising English Grammar, History of England, General History, English Literature, Rhetoric, Logic, Mental and Moral Philosophy, Political Economy, Constitutional Law, Elocution and Composition.

4. *Modern Languages*.—Comprising usual course in French and German.

5. *Military Science and Tactics*.—Comprising principles of Military Science and their application to the Art of War ; and the Tactics of the three Arms of the Service.

ORDER OF STUDIES.

FOURTH CLASS.

First Term.—Algebra.

Physical Geography.
English Grammar.
French.
History of South Carolina.

Second Term.—Algebra, (completed).

Physiology and Hygiene.
History of England.
French.
Declamation and Composition.

THIRD CLASS.

First Term.—Geometry.

Plane Trigonometry.
Physics.
Outlines of General History and Lectures.
French.
Drawing.

Second Term.—Surveying—Field work with Instruments—completed.
 Spherical Trigonometry.
 Descriptive Geometry—Shades and Shadows, &c.
 Physics, (continued.)
 Rhetoric.
 Logic.
 French.
 Drawing.
 Declamation and Composition.

SECOND CLASS.

First Term.—Analytical Geometry.
 Chemistry—Inorganic.
 English Literature and Lectures.
 German.
 Drawing.

Second Term.—Calculus, with Philosophy of Mathematics.
 Chemistry—Organic.
 Chemistry—Agricultural.
 Mental Philosophy.
 German.
 Drawing.
 Elocution and Essays.
 Tactics.

FIRST CLASS.

First Term.—Civil Engineering.
 Mechanics.
 Mineralogy.
 Moral Philosophy and Lectures on Ethics.
 German.
 Drawing.
 Lectures on Military Law and Procedure of Courts
 Martial.

Second Term.—Civil and Military Engineering.
 Astronomy.
 Geology.
 Political Economy and Lectures.
 Constitutional Law and Lectures.
 German.
 Bookkeeping.
 Elocution and Essays.
 Art and Science of War.

CADETS MOST DISTINGUISHED IN STUDY AND DISCIPLINE FOR THE ACADEMIC YEAR 1892-'93.

First Class—D. J. Lucas, Charleston, S. C.

First Class—F. S. Wilcox, Polk County, N. C.

Second Class—O. F. Hunter, Barnwell, S. C.

Second Class—F. W. Gregg, Florence, S. C.

Third Class—S. W. Reaves, Marion, S. C.

Third Class—P. T. Hayne, Greenville, S. C.

Fourth Class—W. W. Garner, Darlington, S. C.

Fourth Class—R. G. Murphy, Union, S. C.

THE DEATH OF LIEUTENANT TOWERS.

Early in the present year the Academy was deprived, by death, of Lieutenant John A. Towers, Second Artillery United States Army, detailed as professor of Military Art and Science.

Lieutenant Towers was a South Carolinian by birth, and a most estimable gentleman. In him the Academy lost a valuable teacher, and the country a soldier whose high sense of honor, manly traits and marked efficiency gave promise of a high career had his life fortunately been spared for further service.

THE APPOINTMENT OF LIEUTENANT JENKINS.

The vacancy caused by the death of Lieutenant Towers has been filled by the detail, under orders of the United States War Department, of Lieutenant John M. Jenkins, Fifth United States Cavalry.

This appointment is eminently acceptable to the friends of the school.

ORDNANCE AND ORDNANCE STORES.

On the 19th of December last the Federal Congress passed an Act relieving the Academy from all money responsibility for so much of the ordnance and ordnance stores received under its bond dated May the 8th, 1891, as was destroyed by fire on March 14th, 1893.

The United States War Department has replaced the burned stores by a new issue, and the whole military equipment of the school, except the officers' swords, is now the property of the United States Government.

FINANCES.

The Superintendent's annual report of expenditures is appended. The income of the school for the past year has been the State appropriation for beneficiaries, \$20,000.00; and \$19,600.00 has been derived from the pay Cadets, maintained at their own cost. The expense per Cadet has been, as heretofore, \$300. The Chairman's account with the Federal Fund is also appended. A small balance of \$93.17 remains on hand. This, by the direction of the Legislature, is applicable to the library, and will meet that disposition. Vouchers for both accounts have been duly filed with the Comptroller-General.

In this connection it is desired to specially bring to the attention of the General Assembly further matter. In adjusting the insurance policies, after the fire last year, a large per cent. was credited upon them from losses paid. New policies covering the amount, in which prior and continuous legislative action indicated that the property should be protected, became immediately necessary. This insurance has always been provided for by an appropriation apart from the appropriation for beneficiaries. It was not deemed judicious to leave the property insufficiently covered until the Legislature met, and the Board of Visitors directed the amount paid out of the Academic Fund.

There were also losses of State property not covered by insurance, as well as charges incident to the move into the Roper Hospital and putting that building into condition for occupation. It was a necessity, in continuing the school, to meet these charges at once, and the Board likewise directed it done out of the Academic Fund. The facts narrated were embodied in the Report of the Board to the Legislature at its last session, but through inadvertence were not brought to the attention of the Committee of Ways and Means when preparing the Appropriation Bill of last year, nor to that of the Legislature when considering it. The detailed statement of the Quartermaster appended shows these extra charges upon the Academic Fund to have been in the aggregate \$2,053.61.

Again the cyclone of the 27th of August, 1893, did much damage to the building, the details of which are set forth in the Superintendent's supplemental report, and in an appended statement of the Quartermaster. The repair of these damages, costing \$507.14, was again met out of the Academic Fund. Thus that Fund has improperly defrayed expenses :

On account of fire.....	\$2,053 61
On account of cyclone.....	507 14
Aggregating	<u>\$2,560 75</u>

The established policy of the State since the reopening of the Academy has been to contribute to the Academy the use of its property and to keep the same in repair, while it further contributes a sum to defray the expenses of a specified number of beneficiaries. This last is based upon a recognized expenditure per Cadet, which barely suffices to meet their maintenance and education.

The Academic Fund, thus burdened with expenditures which the necessity of things temporarily compelled, is now embarrassed to that extent, and seriously. It is therefore earnestly asked that in addition to the annual \$20,000 for the support of the 68 beneficiaries, the Academy be, by a special appropriation, reimbursed the \$2,560.75 expended as shown in restoring the property of the State to the condition it was in prior to the calamities which have befallen it.

SIMI-CENTENNIAL.

On the 22d of February last the fiftieth anniversary of the Academy was reached. The occasion was celebrated with appropriate ceremonies; and the enthusiasm evinced was a marked tribute to a record of honor and service to the State. At the same time was presented to the public a history of the school from its beginning, elaborately and carefully prepared by Col. John P. Thomas. This work had been a labor of love to its distinguished author, and is a valuable addition to the general history of higher education in South Carolina.

CONCLUSION.

The attendance on the Academy is larger than usual. Its discipline and exercises are fully up to its high standard, and it is a source of profound gratitude to the Board to be enabled to report its welfare and well doing to the General Assembly.

JOHNSON HAGOOD, Chairman.

Superintendent's Report.

CHARLESTON, S. C., June 27th, 1893.

To the Board of Visitors South Carolina Military Academy.

GENTLEMEN: As shown in my report of 21st of February, 1893, there were upon the roll of the Academy on the 1st of October, 1892, sixty-six beneficiary and seventy-one pay Cadets.

Total.....	137
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CASUALTIES TO DATE,

Honorable discharge, pay Cadets	3
Restored, pay Cadets	2
Dismissed, pay Cadets.....	4
Expelled, pay Cadet.....	1
	10

Total present enrollment....	127
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ABSENT ON SICK LEAVE.

Legare (P), Garris (B), Fike (B)	3
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Total present for duty.....	124
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The graduating class numbers sixteen members, of whom nine are beneficiaries and seven are pay cadets. These beneficiaries are from the following named Counties :

Abbeville.....	R. McC. Perrin	1
Aiken	W. E. Woodward	1
Charleston	D. J. Lucas	1
Kershaw	J. W. Cantey.....	1
Oconee	G. Shankling.....	1
Spartanburg.....	W. A. Stribling.....	1
Sumter	E. D. Wilson.....	1
Union	J. P. Thomas.....	1
Williamsburg.....	W. B. Gourdin	1
		9

Existing vacancies in Beaufort County.....	2
Vacancy by transfer, Orangeburg County.....	1
	3

Making vacancies to be filled this year, in all.....	12
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FINANCIAL REPORT.

The income for the pay fund for the year is as follows:

70 pay Cadets, first installment.....	\$ 7,000 00
65 pay Cadets, second installment.....	6,500 00
61 pay Cadets, third installment.....	6,100 00
	<hr/>
	\$19,600 00

All of which has been collected and deposited in the Bank of the South Carolina Loan and Trust Company subject to the draft of the Chairman.

The balance to credit, as shown by the bank book, is \$2,050.

The sum of \$213.20, received from the insurance company for estimated loss on Library books, and placed in my hands by Colonel Gadsden, has been expended by me in replacing the lost books, as shown by the following statement and accompanying vouchers:

(1) McHale & Rhode.....	\$ 65 52
(2) McHale & Rhode.....	59 77
(3) Walker, Evans & Cogswell.....	44 54
(4) A. B. Holmes, Jr.....	5 50
(5) Isaac Hammond.....	37 87
	<hr/>
	\$213 20

The amount promised by the Chairman to be paid out of the Library fund to replace articles lost from the Physical Laboratory at the time of the fire, March 14, 1892, has been expended by Lieutenant Coleman, whose statement is hereto appended.

PHYSICAL CONDITION OF THE PROPERTY.

The property of the Academy is generally in good condition. The West wing has been leaking very much this Spring and Summer, and its roof should be thoroughly overhauled. Much of the ceiling plastering has fallen in the basement, and some in the East wing. The stucco work on the interior and exterior walls of the main building is rapidly disintegrating. This has been caused partly by the thorough saturation of the walls during the fire, and partly by the freezes of the past Winter. All the loose or dead plastering should be removed and a new coating be applied during the Summer, so that it may become thoroughly dried before the Winter. The entire building needs a good, durable coat of color-washing to restore its respectable appearance.

HEALTH.

From the middle of last December up to this date we have had 37 cases of mumps, fortunately of a mild character. There are at present 3 Cadets absent on sick leave recommended by the Surgeon, namely:

Cadet Legare—(P)—Cough and fever.

Cadet Garris—(B)—Valvular disease of the heart.

Cadet Fike—(B)—Fever.

The hygiene condition of the Academy were never better than it is at present.

ACADEMIC WORK.

The Academic work during the second half of the year has been satisfactory, and I am glad to state that during that period I have had no serious case of discipline to bring before the Board. As the annual examination has just begun, I am of course unable to report final results. The reports of Professors, herewith submitted, must also be understood as not based upon the examination.

On the 5th of May Lieut. John M. Jenkins, 5th Cavalry U. S. A., reported for duty under the assignment of the Secretary of War. He has begun his work here with commendable zeal and energy. On the 22d of May the Academy was closely inspected by Major Sanger of the Inspector General's Department U. S. A. I invite your attention to his report to the Department, a copy of which is herewith submitted.

In addition to my regular instructions to the First Class in Moral and Political Science I have carried that class through the two subjects, Military Law and Field Fortifications, belonging to the Department of Military Science. Since the arrival of Lieut. Jenkins I have given instructions in Elocution to the 4th Class. The examinations on all subjects taught by me have been satisfactory.

The evils resulting from the low standard existing during the last two years, and to which your attention has been called, have shown themselves in the lower part of each class this year. I trust, however, that the action expected of your Board will put an end to this evil.

Very respectfully,

ASBURY COWARD.

Report of Professor of Military Science and Tactics.

CHARLESTON, S. C., June 26th, 1893.

The Superintendent South Carolina Military Academy.

SIR : I have the honor to make the following report of the department of Military Science and Tactics since I reported for duty May 5, 1893 :

There has been given an average of six hours practical military instruction, weekly, for all cadets, and five hours theoretical instruction, weekly, for cadets of the first and second classes.

The requirements of all orders and circulars of the War Department are complied with.

The work of the cadets has been generally satisfactory.

I respectfully recommend that the course of instruction be brought to date by the adoption of the most recent text books authorized and adopted by the War Department as standards.

I respectfully recommend further that the conditions on which the annual encampment of the Corps of Cadets is conducted at present be modified : That the battalion of Cadets be given a practice march through several towns and Counties, in order that they may be given practical instruction in marching, the selection of camps, camping, the care and preparation of the ration, and the general duties of troops in the field. I consider this the most important knowledge that should be imparted to the Cadets, who will be looked for by the State to efficiently officer her troops. Under present conditions it is impossible to give this instruction thoroughly.

Very respectfully, your obedient servant,

JOHN M. JENKINS,

2nd Lieutenant 5th Cavalry,

Professor of Military Science and Tactics.

Report of the Professor of English Literature and History.

CHARLESTON, S. C., June 23, 1893.

Col. ASBURY COWARD,

Superintendent South Carolina Military Academy.

SIR : I respectfully submit the following statement of the work done by the second and third classes in the department of English Literature and History, during the last half of the academic year.

The second class was divided into two sections, and each section recited daily.

The studies were Intellectual Philosophy, and two of Shakespeare's

plays, Hamlet and the Merchant of Venice. Alden's Manual was the text book in Philosophy, and Hudson's edition of the plays was used.

The third class recited daily in Logic, using as a text book Jevons's Lessons in Logic.

The first and second classes were exercised in Elocution and Composition, while the third class, during half of the term, pursued the study of Rhetoric, using Hill's Elements of Rhetoric as a text book.

Very respectfully submitted.

ST. JAMES CUMMINGS,
Professor English Literature and History.

CHARLESTON, S. C., July 31, 1893.

MAJ. ST. JAMES CUMMINGS,

Professor of English, S. C. M. A., Charleston, S. C.

DEAR SIR: I have the honor to report that, under my instruction, the members of the Fourth Class have completed, most of them satisfactorily, those studies in English which are prescribed by the Regulations.

Very respectfully,

C. EDWARD JOHNSON, Assistant Professor of English.

Report of the Professor of Chemistry and Physics.

AT THE CITADEL.

CHARLESTON, S. C., June 24, 1893.

COL. ASBURY COWARD, *Superintendent.*

SIR: I have the honor to report that the work laid down for the first and second classes in my department has been carried on as usual with fairly satisfactory results as far as the better members of the classes are concerned.

Some members of the first class whom I reported to you at the semi-annual examination in February as having continuously neglected their duty have done better during the second term, but not as well as I should expect.

The majority of the second class have done fairly well and a minority very poorly.

This I attribute to the lack of any required standard in the department.

As to recommendations, I can only refer to those in my former report concerning laboratory work and a consequent remodeling of the course.

The apparatus and materials in the laboratory are in tact and good condition, with the exception of a few pieces which need repair, and

some few materials, which can not be kept, and consequently need replacement.

Very respectfully,

CHAS. L. REESE, Professor Chemistry and Physics.

P. S.—Accompanying this I respectfully submit the reports of Lieutenant O. J. Bond, who has taught the Astronomy class, and Lieutenant Coleman, who has the Natural Philosophy.

June 24th, 1893.

Maj. C. L. REESE, Professor of Chemistry and Physics.

SIR: The First Class has recited to me in Astronomy every other day during the last term. I believe our change of text book has been beneficial; and I think the class has done fairly well and shown interest.

Respectfully,

O. J. BOND,

Assistant Professor of Mathematics.

THE CITADEL,

CHARLESTON, S. C., June 24, 1893.

To Major C. L. REESE, Professor of Chemistry and Physics,

I beg leave to report that the prescribed course of study in the Department of Physics has been accomplished by the Third Class.

The work of the year has been about on an average with that obtained with other classes.

We have recently received a small supply of material which will be quite helpful in the construction of simple apparatus; also a few pieces which I have used to great advantage in the study of current induction—the most important feature of many practical electrical appliances.

We need annually a small sum to cover the necessary wear and tear, and to supply apparatus for illustration, which cannot be constructed by one unskilled in the use of tools.

Such apparatus as I can generally put together is almost wholly restricted to qualitative work.

Very respectfully,

J. T. COLEMAN,

Lieutenant and Assistant Professor of Physics.

AT THE CITADEL,

CHARLESTON, S. C., June 24, 1894.

Col. ASBURY COWARD, Superintendent.

SIR: I have the honor to make the following report for the Department of Mathematics and Engineering:

The First Class has been instructed in Analytic Mechanics and in Applied Mechanics. In this course of Civil Engineering more attention is given to the principles involved in the determination of the strength and stability of bridges, roofs, arches, dams and other structures, and in their proper design, than to any detailed description of actual construction. It is regarded of the first importance that the student be furnished with a fund of correct principles from which he can draw when occasion arises.

The Second Class has been employed upon Analytic Geometry and upon the Calculus. The text book used in Calculus gives the theory correctly and logically, and at the same time is an eminently practical work.

The Calculus is used to advantage in the treatment of many questions in the course of Civil Engineering.

The Third Class has been instructed in Geometry, Trigonometry and Surveying by Lieut. Bond, whose report is herewith forwarded. I concur in his recommendation as to the issue of text books.

The Fourth Class has been instructed in Algebra by Lieut. Coleman, whose report is herewith forwarded.

Respectfully Submitted,

ROBT. G. THOMAS,

Professor Mathematics and Engineering.

AT THE CITADEL,

CHARLESTON, S. C., June 24, 1893.

Major R. G. THOMAS, Professor Mathematics and Engineering.

SIR: I respectfully submit the report of the work done by the Third Class in Mathematics for the past session.

In plane trigonometry the progress made was satisfactory—only one or two members of each section showing lack of study.

In surveying, as is generally the case, the interest shown was more marked, and the work accomplished correspondingly gratifying. Only a very limited amount of field work was done, but it is my intention to supplement this on the encampment.

I think it important that the Cadets should keep in their possession their algebras, geometries and trigonometries, and recommend that these books be issued them permanently.

Respectfully,

O. J. BOND,

Assistant Professor of Mathematics.

THE CITADEL,
CHARLESTON, S. C., June 24, 1893.

To Major R. G. THOMAS, *Professor of Mathematics.*

I have conducted the work in Algebra with the Fourth Class during the past year. With a few exceptions the Cadets have done very well in that subject. We have done somewhat more work in Algebra than other classe have, owing to a change in the text book used.

Very respectfully,

J. T. COLEMAN,
Lieutenant and Assistant Professor of Physics.

Report of Professor of Modern Languages.

SOUTH CAROLINA MILITARY ACADEMY,
CHARLESTON, S. C., June 24, 1893.

To Col. ASBURY COWARD, *Superintendent.*

SIR: I beg leave to make the following report in regard to the classes under my charge during the past term:

The First Class—sixteen members (not divided into sections)—has pursued and accomplished the course in German Translation. This class has had ten recitations per month, and with a few exceptions has done very well. Deportment uniformly good.

The Second Class—fifty-three members (in two sections)—began the translation of German in February. It has had ten recitations per month, alternating reading with declensions and conjugation of verbs. A considerable interest has been shown in the study and the progress generally good.

The Third Class—twenty-nine members (two sections)—has pursued and accomplished the course in French, and has shown some improvement in acquiring the verb forms. The same number of hours, ten per month, has been devoted to this class, which completes the course in French with this term.

The Fourth Class—twenty-nine members (in two sections)—began the translation of French in February. It has had ten recitations per month, alternating reading with verb conjugation, and has made very fair progress. The members are attentive and well behaved and promise well.

Very respectfully,
P. P. MAZYCK,
Captain and Instructor of Modern Languages.

Report of Professor of Drawing and Bookkeeping.

AT THE CITADEL,
CHARLESTON, S. C., June 24th, 1893.

Col. ASBURY COWARD, *Superintendent.*

SIR: I have the honor to submit my report of the department of drawing and bookkeeping.

The First Class has accomplished somewhat more in bookkeeping than any class heretofore. The course is practical, and many of the Cadets have shown considerable aptitude. We do not expect to make accountants, but I believe that all of them have made an acquaintance with the general principles of double entry, which will be of value to them in life. I think this department is eminently useful.

The Second Class has been engaged during the past term in architectural drawing. While some are slow, the majority have completed from six to ten drawings—two plans, four elevations, and four detail drawings. The work consists in copying and enlarging designs, making tracings and blue prints.

The work of the Third Class in drawing has been divided between descriptive geometry and surveying. The class has drawn nearly all of the plates in the book on orthographic projections, and made surveyors' plats, profiles, and contour drawings. I am very well pleased with the work done.

Respectfully,

O. J. BOND,

Assistant Professor of Mathematics,

In charge of the Department of Drawing and Bookkeeping.

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AT THE CITADEL,
Charleston, S. C., June 29, 1893.

To COLONEL COWARD,

Superintendent South Carolina Military Academy.

SIR: I respectfully submit the following report of the Medical Department of the South Carolina Military Academy for the session commencing October 1st, 1892, and ending July 1st, 1893.

The health of the Corps on the whole has been good; a decided improvement upon previous years.

The usual number of catarrhal and catarrho-malarial fevers have prevailed among the recruits—a process of acclimation which all of them have to endure.

Also a number of cases of orchitis, probably due to tight pants and imprudence on the part of the Cadets.

Also a mild, prolonged visitation of mumps, in all some thirty-nine cases, from December 14th, 1892, to June 22d, 1893. Three cases of continued fever have occurred (typhoid in character). These were promptly furloughed. No deaths have occurred in the Corps this year.

On the whole, we can congratulate the institution on the good health of the Corps.

Respectfully yours,

FRANCIS L. PARKER, M. D.,
Surgeon South Carolina Military Academy.

P. S.—I desire to commend the Assistant Surgeon, or Hospital Steward, Mr. T. M. McCutcheon, who has discharged his duties faithfully and deserves the thanks of the Corps for services rendered to those sick in hospital.

F. L. PARKER, M. D., Surgeon.

Report of Major Sanger to the United States War Department of Inspection, Under Federal Law Giving Aid to Military Schools.

CHARLESTON, S. C., May 22, 1893.

To the Inspector-General, U. S. A., Washington, D. C.

SIR: I have the honor to submit the following report of an inspection of the Military Department of the South Carolina Military Academy, made the 22d instant, in accordance with the instructions of the Secretary of War:

The Academy was last inspected by Lieutenant Colonel H. W. Lawton, Inspector-General, May, 1892.

For a general description of the Academy, its appointments and objects, attention is invited to the accompanying catalogue.

The institution was established in 1842, and confers the diploma of the Military Academy.

It is not endowed under the Act approved July 2, 1862, and receives no income from that source.

The Military Professorship was established in October, 1883, and the chair is now filled by Lieutenant J. M. Jenkins, Fifth Cavalry, who has been on duty since May 5, 1893.

He resides at the Academy, and when in performance of military duties wears his uniform.

He is a member of the faculty and Commandant of Cadets, and takes rank after the Superintendent, with all the rights incident thereto.

He is not employed by the Academy.

All appointments and promotions of officers and non-commissioned officers are made by the Superintendent of the Academy on the recommendation of the Commandant. The orders are issued by the Commandant.

Proper military discipline is enforced at all times.

Breaches of discipline and misconduct are punished by deprivation of recreation, extra tours of duty, private reprimand, public reprimand, arrest or confinement to prescribed limits, imprisonment in light or dark room, suspension, dismissal and expulsion.

The course of instruction is both theoretical and practical, and occupies fifteen hours per week for theoretical instruction, and six hours per week for practical instruction.

Attendance is compulsory on theoretical instruction in First and Second Classes ; on practical instruction on all Cadets.

Proficiency in the Military Department is requisite to enable a student to receive his diploma.

Facilities for military instruction comprise the arms and accoutrements of infantry and field pieces for artillery.

During the past year there have been 124 infantry drills, 40 artillery drills, 0 cavalry drills, 0 exercises in signaling, 0 exercises in target practice ; ceremonies will take place during encampment ; daily guard mounting, and dress parade and inspection, and monthly review and inspection.

There has been no instruction in minor tactics as yet, but will take place later.

Theoretical instruction has been given in artillery and infantry drill regulations, and in the Art and Science of War.

Total number of recitations, 135.

Average daily attendance at each recitation, 68.

Number of examinations, 3.

The total number of students enrolled in the institution during the past year has been 147, all males.

Of the total number of students capable of performing military duty, there have been 147 under military instruction, being 100 per cent. of the entire number.

The average attendance at each infantry drill has been 105 ; at each artillery drill, 50 ; cavalry drill, 0 ; signaling, 0 ; target practice, 0 ; ceremonies, 105.

Unauthorized absences from military instruction are punished by the award of penalties already stated according to the degree of the offense.

The students are organized into an infantry battalion, consisting of one adjutant, one quartermaster, one sergeant-major, one quartermaster-sergeant, and two companies.

The uniform consists of that of West Point cadet organization, buttons and white belts excepted, and is worn at all times.

At inspection there were no students out of uniform.

The arms, accouterments and uniforms were generally in very good condition.

There is no signal property on hand.

The guns, carriages, implements and equipments were under shelter and in good condition.

The reports required by G. O. 26, 1891, have been regularly rendered. Copies of these reports and of all correspondence are on file.

The names of the students who have shown special aptitude have not been reported to the Adjutant-General of the army, because they have not yet been determined.

The names of the three most distinguished students in military science during the year have not yet been determined.

The attitude of the authorities and students toward the Military Department is very favorable.

The battalion, numbering 112 Cadets, was inspected and exercised in infantry drill regulations, in the manual of the piece, field artillery, and presented a most creditable appearance. A few rusty muskets were noticed, and more attention should be paid to the nomenclature of the rifle and field piece.

Owing to the illness and death of Lieutenant Towers, a most excellent and much loved instructor, there had been no army officer on duty with the battalion since last October until the arrival of Lieutenant Jenkins two weeks ago. In consequence of this long interregnum the artillery drill has suffered, and no instruction has been given in the extended order drill of infantry. The close order drill of the battalion and companies was in most respects excellent.

It is recommended that two heliographs and the usual signal equipments be furnished this school.

In addition to the instruction to which reference has already been made, it should be stated that a guard, consisting of an officer of the day, an officer or sergeant of the guard, three corporals and thirteen privates is mounted daily.

Four posts are established in the corridors of the barracks, the sentinels walking from 7:20 p. m. until 11:00 p. m., when the privates

are dismissed, but the officers and non-commissioned officers remain at the guard room all night.

An annual encampment and march of two weeks forms a part of the regular military instruction of the Cadets, which may be extended to one month. Target practice and signaling take place during the encampment. This year the Cadets will encamp at Aiken, S. C., from July 1st to 15th, and the commencement will be held there.

By referring to the catalogue it will be observed that the Academy is a State institution. It is modeled on the plan of the United States Military Academy at West Point, with which in some respects it may be favorably compared.

Lieutenant Jenkins stated that the requirements of the War Department have been fully complied with.

Colonel Coward, the Superintendent, spoke in high terms of Lieutenant Jenkins.

(Signed,)

Very respectfully,

J. P. SANGER, Major,
Inspector-General.

Supplemental Report of Superintendent.

November, 1893.

To the Board of Visitors of the S. C. Military Academy.

GENTLEMEN: In addition to the printed Official Register for the academic year, 1892-93, and the reports made by me in February and June, I beg to submit the following report:

The annual examinations having ended on Friday, June 30th, the Corps of Cadets and the academic officers took the train on the morning of Saturday, July 1st, for Aiken, S. C., where your Chairman had directed that the annual encampment should be held. On arriving at that city they were escorted to the Schuetzen Park by the Aiken Guards, where the Hon. W. G. Chafee, Mayor, in eloquent terms of welcome extended to all the hospitalities of the city, and the citizens by way of emphasizing his words had prepared an elegant and abundant open-air banquet. This was but a foretaste of the unvarying courtesies and hospitalities extended to us throughout our stay in Aiken. For a statement of the work done by the Corps during the two weeks of this encampment, I beg to refer you to the report of the Commandant of Cadets (1) hereto appended.

The advantages of having the First Class on the encampment were apparent in the good order maintained and the excellent performance of all military work. The fact that the regular commencement exercises of the Academy were to be held at the end of the encampment in Aiken enlisted more of public interest in the encampment than had ever been observed before, and I think this feature has accomplished all that could have been reasonably anticipated from the inauguration of the policy of holding the commencement in connection with the encampment.

A pleasing incident of our stay in Aiken was the presentation by Dr. B. H. Teague, a public-spirited citizen of that city, of a beautiful gold medal bearing a star made from the wood of the steamer Star of the West, to be annually competed for by individual drill. The honor of wearing it during the current academic year was won by Cadet A. E. Legaré. Another handsome medal offered by the volunteer militia companies encamped near us for competitive target practice was won by Cadet E. A. McClellan.

ENROLLMENT.

After the graduation of the class on the 14th of July there remained upon the roll of the Academy 57 beneficiary and 53 pay Cadets, a total of 110 Cadets.

During the vacation one Cadet died and four were honorably discharged, thus leaving on the roll October 1.....105

Admitted since October 1..... 39 (13 B. and 26 P.

Total at present.....144 (68 B. and 76 P.

All of these are present except Cadet W. Jervy, who is now in the St. Xavier Infirmary, where he has been recently subjected to a surgical operation on the hip joint, in consequence of the severe injury received in May, 1892. Only one case of serious illness has occurred since the opening of the session, and this one is now convalescent.

The academic work is progressing in a generally satisfactory manner in all departments. With a view to meeting the wishes of the Board I have substituted in my own department a Manual of Natural Theology and a Manual of Christian Evidences in the place of Hickok's Moral Science. These two manuals, written by G. P. Fisher, D. D., LL.D., Professor of Ecclesiastical History in Yale University, and but recently published, are compendiums, but I think they cover sufficiently well the ground intended in the recommendation made to your Board last February by Dr. Law. I propose to make a change for the second term by the substitution of Wilson's State and Federal Constitutions, and Steele's work on Economics, in place of Story on the Constitution. Wilson's book is fresh and somewhat synoptical, and can be easily studied in a half term and thus allow the introduction of Steele's practical little book on economics.

I beg to call special attention of the Board to the recommendation of the Professor of Chemistry and Physics set forth in the accompanying paper (2). I heartily concur in his views and I would urge that the suggested changes be made whenever the finances of the institution shall be found sufficient to meet the necessary expenditures involved.

I regret to state that the storm of August 27th did much damage to the buildings. Nearly 500 new slates had to be reset in the roof of the main building and of the West wing, large areas of interior plastering had to be removed, scores of window glasses had to be restored, and some gutters and down pipes had to be mended. The color-washing of the main building and East wing was very nearly completed at the time of the storm, and much of it was consequently washed off. Where cement mortar was used, however, no damage was done. The cost of

repairing the storm damage, and the unprovided-for losses sustained by fire in March, 1862, have made a large inroad upon the revenues of the institution. These revenues, as you are aware, are based upon the net cost, or nearly so, of running the institution during the ordinary course of events, and there can never be any accumulation of excesses of receipts over expenditures to meet the consequences of unforeseen calamities. The only resort is to the General Assembly for an appropriation to cover the expenses incident to such calamities when they occur. The amount of the losses sustained by fire is shown in the itemized statement of the Quartermaster to have been \$2,053.61. Amount paid out for repair of storm damages, as per Quartermaster's statement (3), \$507.14. Total, \$2,560.75.

I respectfully urge that the General Assembly be asked to make a special appropriation to cover this amount.

Respectfully submitted,

ASBURY COWARD,
Superintendent.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS,
SOUTH CAROLINA MILITARY ACADEMY,
CHARLESTON, S. S., November 2, 1893.

To the Superintendent of South Carolina Military Academy.

SIR: I have the honor to submit the following Report:

During the encampment of the annual military session, there were held daily, weather permitting, two battalion drills, guard mounting and dress parade. There were held two competitive drills: Company drill, Company A being successful. Individual drill for the "Star of the West" medal presented by Dr. Teague, Cadet Legaré being the successful competitor.

The duties of camp guard and police were satisfactorily performed.

The drills were for the most part confined to "extended order," attack of positions, making use of cover and the accidents of the ground. It was not practicable to give instruction in the duties that pertain specially to troops in the field. I would respectfully call attention to my former report on this subject. This instruction, which can only be given practically, is the most important that can be imparted to the soldier, and I respectfully recommend that the Board authorize a practice march covering at least one-half of the time of the military session. The new Drill Regulations aim to make the soldier efficient on the field of battle, and to that end the "extended order," making use of cover and adopting all formations to the accidents of the ground, should be given the first place in all military instruction.

The details only of these movements can be taught on the square ; their intelligent application requires varied ground. I respectfully recommend that authority be given for devoting one day in each month to military exercises exclusively, when the Battalion of Cadets may be taken beyond the city limits and given practice marches during which the duties of advanced and rear guards, escorts to convoys, outposts and the principles of the "extended order" might be practically taught. The time thus used may be deducted from the hours of theoretical instruction without detriment, for the adoption of the new text books authorized by the War Department, has rendered it necessary to use less time than was required by the former course of study in this department. This work will be excellent exercise and a proper preparation for the march above proposed.

The attention of the Board is called to paragraph 140, Regulations South Carolina Military Academy. This paragraph should read, "except the Superintendent *and Commandant of Cadets.*" The duties of officer in charge do not properly devolve on the Commandant of Cadets. He is always *on duty* with the Battalion of Cadets. It is directly contrary to the Regulations of the United States Military Academy, upon which these regulations are based.

It is also recommended that the Commandant of Cadets be given authority to grant the general leaves of absence, forwarding to the Superintendent only such applications as do not come under this head, and that paragraph 85 be amended to read : "Applications for leave of absence on Friday evenings and Sundays may be granted by the Commandant of Cadets."

Very respectfully, your obedient servant,

JOHN M. JENKINS,

Second Lieutenant 5th United States Cavalry,
Professor Military Science and Tactics.

THE CITADEL,

CHARLESTON, S. C., October 31st, 1893.

Colonel ASBURY COWARD,

Superintendent of South Carolina Military Academy.

SIR: It has been my hope ever since I became connected with this institute that before long we would be able to introduce the method now almost universally adopted in this country and abroad of teaching the science of chemistry—that is, the method according to which the actual handling of the material is required of the students, or what commonly called laboratory work.

That it is important that some such method should be adopted in this school needs no argument. The mere fact that the method has been so universally accepted is sufficient. Indeed I know of no school of importance where science is taught without using the laboratory method.

The object in teaching natural science, as I understand it, is two-fold: First, to give the student a training essentially different from that given by the study of language, history, and the abstract science of mathematics; to give a training which will broaden the mind and prevent it from running into literary and abstract grooves. Second, to train the mind of the student in the direction of observing what is going on around him, not only to see what he finds before him but to note it and draw conclusions concerning it. It trains him to think about what he sees. How many men lack the faculty of really seeing and noting what they look at?

Laboratory work gives the student this training to a degree that lecturing alone can not, however painstaking the teacher may be to call his attention to every little detail.

If the student handles the materials himself and is required to make a note of what he sees, the habit of observation grows on him in such a way that he will never lose it.

To require a student to recite on a lesson from chemistry learned from a book no more attains the object for which the subject is taught than if he should recite on so many pages of the dictionary. The fact that he learns something about the subject does very little good, as he soon forgets the matter, and as to training he is no better off.

To give an idea how some of our great teachers of science look upon this matter: while in conversation with Prof. Remsen, of the Johns Hopkins University, several years ago on the importance of laboratory training, I told him that I did not think we had time in our course for both lecturer and laboratory work, and he said, "rather have a laboratory course and no lecturer, than lecturer with no laboratory work."

Now, of course it would be best for us to have laboratory work, lecturer and recitation, but if we cannot find time for all, I think I can suggest a plan by which we can accomplish the best results that our time will allow.

I would require no more hours from the individual Cadet per week than are at present devoted to the subject, but a different arrangement which could be fixed by the academic Board. However, the details of the arrangement of hours I could give if desired.

Now, of course I recognize the fact that such a change as I suggest would require some outlay of money in the beginning for working

desks and apparatus which, however, could be reduced to a minimum cost.

I am having estimates made now as to the cost of the wood work and hope to have them by the time your Board meets.

As to the general running expense I calculate that it would amount to no more than five (\$5) dollars per year for each student to cover both materials and wear and tear, and I think the Cadets could afford this in their first and second class years. The Fourth Class men have many heavy expenses, having their uniforms to buy. In the Third Class year they spend about twelve (\$12) dollars for drawing materials, and so I calculate that they could spare five (\$5) dollars in the first and second class years for chemical materials and apparatus.

We have a very good supply of chemicals and apparatus on hand, and I think we could buy the necessary new apparatus for the \$5 apiece which would come from each student fined.

In many institutions it is required that all students make a deposit of \$5 or more contingent fund to cover any careless breakage or waste.

If the Board should so desire it I should be glad to appear before them to explain any matters or answer any questions.

Very respectfully, your obedient servant,

CHAS. L. REESE,

Major and Professor Chemistry and Physics.

**Losses Sustained by the Fire and Extra Expenses Incurred
by Moving to Roper Hospital.**

1892.			
March	14	25 presses for mattresses and clothing at \$10	\$ 250 00
		63 pairs of blankets at \$3 per pair	189 00
		57 iron cots at \$7.50 each	427 50
		63 comforts at \$3.75 each	236 00
		63 chairs at 75 cents each	47 25
		25 washstands at \$1.25 each	31 25
		13 study and book tables at \$3.25 each	42 25
		12 tables at \$2 each	24 00
		63 single mattresses	157 50
		25 zinc wash basins at \$4.32 per dozen	9 00
		12 hanging book shelves at \$2 each	24 00
		4 office chairs at \$2.50 each	10 00
		25 slop buckets at \$4.32 per dozen	9 00
		25 zinc buckets at 75 cents each	18 75
		1 office table, oak	11 50
			\$1,487 00
		Move to Roper Hospital—	
	31	Paid for cleaning up the Roper Hospital and Marine Hospital	21 25
		Carpenters for work done the privies and wash house	59 32
		Glazier, \$15 17; paid for whitewashing, \$27	32 17
		For cartage of furniture to Roper Hospital from Citadel	36 75
April	2	For cleaning out privies	15 00
		For hauling water	12 50
		For flagstaff	40 00
		R. J. Morris for repairing heater and running same	42 20
		Whitewashers	4 50
		Glazier	2 89
		Richardson & Son for repairing locks	1 50
		For cartridges from Roper Hospital	1 25
		Carpenters for making gun racks, putting up blackboards, &c. ...	53 25
		Peltzer & Robertson for insurance on guns	36 55
May	30	For hauling water from Citadel ..	19 00
		Richardson & Son for making keys ..	1 00
		Whitewashers	8 50
		Carpenters	1 50
		A. J. Riley for plumber's work at Roper Hospital ..	45 43
		Weatherhorn and Fisher for seats to privy ..	7 40
		Steinmeyer & Co. for lumber	46 67
July	22	For 61 loads of furniture, moving from Hospital to Citadel, 75c. ea.	45 75
		For 20 loads of furniture, moving from Hospital to Citadel, 75c. ea.	15 00
September	30	Col. Coward, Commandant of quarters for 3½ months	112 50
		Insurance on Citadel building	333 18
		Insurance on books and furniture for 3 years, valued at \$2,500 ..	42 50
		W. F. Paddon for plumbing work at Roper Hospital	23 00
		A. J. Riley for plumbing work at Hospital	45 43
		For cleaning up Roper Hospital—	
		Paid Carter for 6 days' work at whitewashing, at \$1.25	7 50
		Scourers and whitewashers for 3 weeks' work	70 32
		For carpenter's work	5 00
		For glazing	9 30
		For painting	5 00
		For carpet for reception room	75 00
		For mats for Superintendent's and Commander's offices	38 50
		Color-washing wings	250 00
			\$3,053 61
		By amount received from insurance companies	\$950 00
		By damaged furniture purchased from insurance companies	50 00
			1,000 00
		Balance	\$2,053 61

W. W. WHITE,
First Lieutenant and Quartermaster.

Repairs After Cyclone.

COST OF COLOR-WASHING THE CITADEL. ALSO OF REPAIRS CAUSED
BY THE STORM OF AUGUST, 1893.

Color-washing as per contract.....	\$ 75 00
Laborers, for scraping the walls.....	34 47
Bricklayer, for patching the walls.....	24 37
Guerrard & McCoffer, for coloring materials and brushes...	29 42
E. M. Grimke, for lime and plaster...	16 75
Damages by storm.....	180 01
J. Hargrove, for work and material.....	182 00
W. F. Padden, for plumbing.....	8 50
E. J. White, for putting up fences back of Citadel.....	15 00
Halsey, for lumber for fences.....	15 30
Guerrard & McCoffer, 238 glasses.....	31 78
Bailey, glazier, for putting in same.....	26 05
Materials for Colonel Coward's room.....	16 50
Bricklayer and plaster, for Colonel Coward's room.....	14
Damaged by both storms.....	32 00
Total.....	\$507 14

W. W. WHITE,
First Lieutenant and Quartermaster.

Superintendent's Annual Report of Receipts and Expenditures Oct. 31st, 1892, to Oct. 31st, 1893.

1892.				Nov. 31.....	Paid as per Quartermaster's vouchers.....	\$ 2,117 97	
Oct. 31.....	To balance on hand.....	\$ 246 08		Dec. 30.....	Paid as per Quartermaster's vouchers.....	3,080 37	
1893.					Paid as per Quartermaster's vouchers.....	4,257 49	
Oct. 31.....	To pay fund.....	19,831 24			Paid as per Quartermaster's vouchers.....	5,467 98	
Oct. 31.....	To beneficiary fund.....	20,000 00			Paid as per Quartermaster's vouchers.....	3,020 61	
Oct. 31.....	To Quartermaster's sales for twelve months.	313 02			Paid as per Quartermaster's vouchers.....	3,457 71	
					Paid as per Quartermaster's vouchers.....	3,396 79	
					Paid as per Quartermaster's vouchers.....	4,323 32	
					Paid as per Quartermaster's vouchers.....	1,866 15	
					Paid as per Quartermaster's vouchers ..	1,976 49	
					Paid as per Quartermaster's vouchers.....	1,500 30	
					Paid as per Quartermaster's vouchers.....	5,787 88	
					Balance.....	127 28	
			\$40,390 34				\$40,390 34

RECAPITULATION.

By salaries.....	\$ 12,850 00
By merchants.....	20,088 89
By miscellaneous Cadet expense.....	2,575 29
By miscellaneous academic.....	2,629 75
By repairs.....	507 34
By subsistence.....	797 26
By clothing.....	489 33
By property.....	25 20
	\$40,263 06

I hereby certify I have examined the above report and the receipts and disbursements as stated are correct, showing a balance of \$127.28 to the credit of the account.
 Charleston, October 31st, 1893.
 J. E. SMITH.

**Chairman in Account with Remainder of Federal Fund, Now
Devoted to Library, &c.**

Nov. 8, 1892—			
Balance by last Report.....			\$275 33
March 8, 1893—			
Paid Books, Walker Evans & Cogswell, Vol. 1	\$	73	99
April 18, 1893—			
Paid books, Vol. 2.....		2	30
August 19, 1893—			
Physical Laboratory, Vol. 3.....		78	17
			<u>182 16</u>
Nov. 1893—			
Balance in Chairman's hands...			\$93 17

Nov 1900
The National Child Labor Committee
Washington, D. C.
Dear Sir:
I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the matter of the National Child Labor Committee.
I am sorry to hear that you are unable to attend the meeting of the National Child Labor Committee on the 15th inst. I am sure that your presence would have been most valuable.
I am, Sir, very respectfully,
Yours truly,
John D. Edwards
Chairman of the National Child Labor Committee

Devoted to Liberty, etc.

SCHEDULE OF RECITATIONS FOR FIRST TERM, SESSION 1893-94.

HOURS.	9:30 to 10:30.	10:30 to 11:30.	11:30 to 12:30.	12:30 to 1:30.	2:30 to 3:30.	3:30 to 4:30.
1st CLASS. 1st SECTION.	Mathematics to Maj. Thomas.	Chemistry to Maj. Reese.	English to Col. Coward, alternating. Military Science to Lieut. Jenkins.		German to Capt. Mazyek, alternating. Drawing to Lieut. Bond.	Elocution on Mondays to Maj. Cummings.
1st CLASS. 2d SECTION.			Military Science to Lieut. Jenkins, alternating. English to Col. Coward.	Mathematics to Maj. Thomas.	Drawing to Lieut. Bond, alternating. German to Capt. Mazyek.	
2d CLASS.	Drawing every other day to Lieut. Bond.	Mathematics to Maj. Thomas.	English to Maj. Cummings.	German to Capt. Mazyek, alternating. Military Science to Lieut. Jenkins.	Chemistry Mon. Tues. and Wed. to Maj. Reese.	Chemistry Thurs. and Fri. to Maj. Reese.
3d CLASS. 1st SECTION.	French to Capt. Mazyek, alternating.	English to Maj. Cummings.		Mathematics to Lieut. Bond.	Physics to Lieut. Coleman.	
3d CLASS. 2d SECTION.		Mathematics to Lieut. Bond.		English to Maj. Cummings.		
4th CLASS. 1st SECTION.	Mathematics to Lieut. Coleman.		French to Capt. Mazyek, alternating. Physics to Lieut. Johnson.	Physics every other day to Lieut. Johnson.	English to Lieut. Johnson.	
4th CLASS. 2d SECTION.		Mathematics to Lieut. Coleman.	Physics to Lieut. Johnson, alternating. French to Capt. Mazyek.	Physics every other day to Lieut. Johnson.		English to Lieut. Johnson.

SCHEDULE OF EXHIBITS

No.	Description	Quantity	Remarks
1	Chemistry	1000	In Class
2	Physics	500	In Class
3	Mathematics	200	In Class
4	Natural History	150	In Class
5	Geography	100	In Class
6	History	80	In Class