

COLLEGE ARCHIVES

THE
NORMAL
DIAL,

XXXXXXXXXXXXXXXXXXXX
DECEMBER, 1897.

EDINBORO, PA.

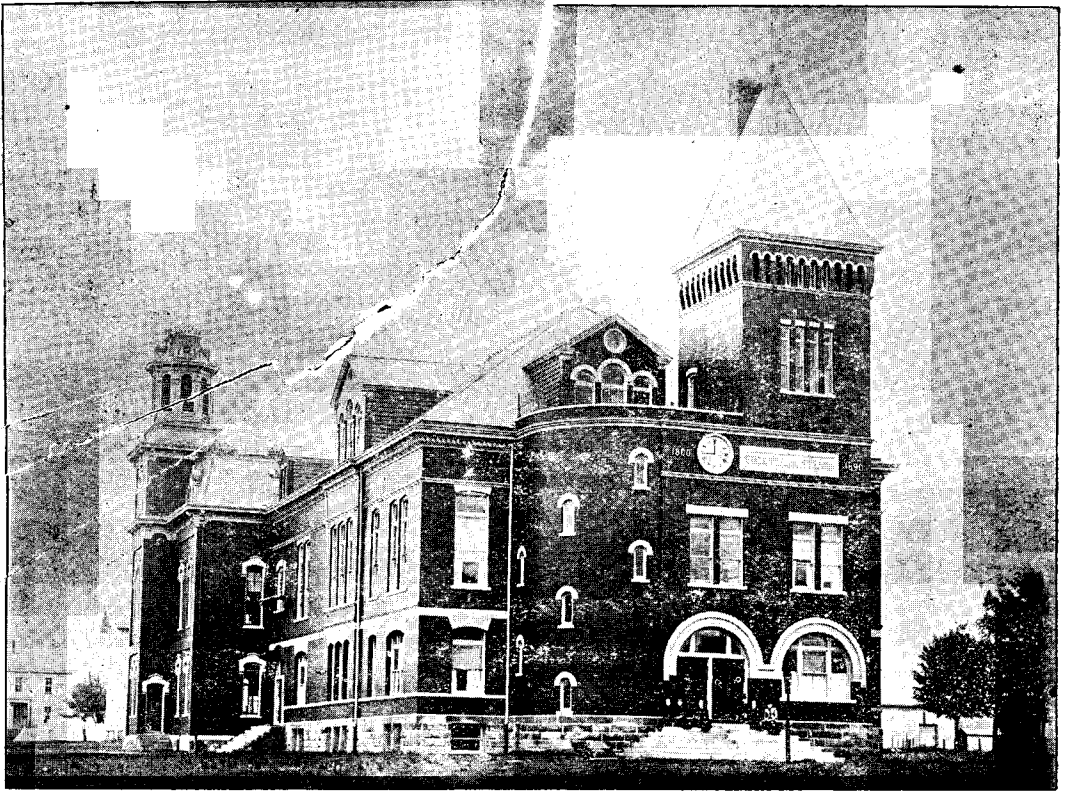
State Normal School,

Twelfth District.

Edinboro, Pa.

Founded in 1861.

Comprising the counties of Erie, Crawford, Mercer, Lawrence and Venango.



Winter Term of Twelve Weeks

Begins December 27, 1897.

Spring Term of Fourteen Weeks

Begins March 22, 1898.

The Edinboro State Normal is next to the oldest Normal School in the State, but is second to none in the work it has done and is doing in the training of teachers for the common schools of this commonwealth. It has 60 per cent. more students this fall than last.

Almost 1,000 of its diplomas are in the hands of teachers or ex-teachers in this State. Almost 10,000 undergraduates have gone out from Edinboro to teach in the public schools. Figures like these are the best possible evidence of the preponderating influence of this school on the educational work of the State.

When the plain, unvarnished truth is told, there is only one other school in the State that has so well educated such a large number of teachers. These are facts of the highest importance to young men and women looking forward to a Normal School course.

Our rates are the very lowest, other things being equal, and it will pay you to write and thus find out the truth of our statement. The following schools, colleges and universities are represented in our faculty:—Millersville, West Chester and Edinboro Normal Schools; Franklin and Marshall and Allegheny Colleges, and the Universities of Toronto, Pennsylvania, Michigan, Chicago and Princeton. Are there any better in this country?

While good scholars are not necessarily good teachers, it is nevertheless true that the highest professional skill can only be reached through the medium of the highest culture.

Our buildings and equipments are complete and excellently adapted for school purposes.

It will pay you to write for our new catalogue and for information concerning this high grade training school for public school teachers. Do not delay in writing for rooms, as our number is limited.

A Department of Shorthand and Typewriting is now in successful operation.

Students can Enter at Any Time. —————

ADDRESS

J. R. FLICKINGER, PRINCIPAL.

Edinboro Normal Dial.

VOL. III

EDINBORO, PA., DECEMBER, 1897.

NO. 2.

REMINISCENCES.

Readers of the September DIAL will recall the letter of Hon. Daniel B. Thompson, a lawyer of Brooklyn, N. Y. It will be remembered that Mr. Thompson is a son of

Prof. J. R. Flickinger, Principal Pennsylvania State Normal School, Twelfth District, Edinboro, Erie Co., Pa.

DEAR SIR:—I have received a copy of THE NORMAL DIAL, in which was printed the "Evening Sun" clipping and my letter to



Prof. James Thompson, who was the first principal of the Edinboro State Normal School, resigning in 1863, and that the writer of the following reminiscences, the above named Daniel B. Thompson, had the chair of Mathematics during the same time. With this explanation, readers will understand the letter that follows:

you. As I promised, I will give you some of my reminiscences, and as they are personal, you will excuse the frequent recurrence of the pronoun I. They will not form a continuous narrative but will be considerably detached, and consequently rambling.

My father, James Thompson, was born in Ovid, N. Y., in February, 1814, was

graduated at Union College, Schenectady, N. Y., and at first took up engineering as a profession, and was one of the corps of engineers engaged in constructing the first railroad in the state of Georgia. Later he studied law and settled in Ithaca, N. Y., where he married in 1836, and commenced the practice of his profession. His income was very small, and the principal of the Ithaca Academy having died suddenly he was glad to accept the position thus vacated which had a comfortable salary attached to it. In 1847, he accepted a call to the professorship of Mathematics of the Western University of Pennsylvania, at Pittsburg. Within two years the University was burned down and he started a Young Ladies' Seminary, which was afterwards named Somerville Institute, after the distinguished astronomer, Mrs. Mary Somerville. In 1858 he removed to Wilmington, Del., from which place he had married his second wife, in 1851, and for a time conducted a private school there. The following year, 1859, he conducted a private school at New Haven, Conn. In 1860, through the influence of Hon. Thomas H. Burrows, then Superintendent of Common Schools, he was elected principal of the State Normal School of Edinboro. He served in that position until the end of June, 1863, and was succeeded by Prof. J. A. Cooper, who had come to the school, as one of the faculty, in 1862. The remaining years of his life were spent in educational and clerical work in various places, and he died at my house in Brooklyn, N. Y., in September, 1887.

When he was selected as the principal of the Normal School in 1860, I was a pupil teacher in the academy at West Chester, Pa. I was 17 years of age on the 10th of September of that year and was chosen professor of Mathematics in the Normal School. I well remember my trip from West Chester to Edinboro; by rail to Erie and from Erie to Edinboro by an old fashioned stage coach, built after the English pattern, which plied between Edinboro and Meadville. If I recollect aright the "Atlantic and Great

Western Railway" with a station at Cambridge was only constructed a year or two later. Edinboro was then about eighteen miles from a railway north or south, the nearest station being Erie and Meadville. There had been a plank road between Erie and Edinboro, but when I made that trip the planks seemed to be about four feet apart and the rest of the road mud holes. You can fancy the feelings of the unsophisticated youth from the civilization of the East.

The school buildings were four in number, the men's and women's dormitories, the Model and the Normal school, all frame buildings. The dining room was in the men's dormitory which was nearest to the school building. The first school year the faculty consisted of my father, O. W. Woodward, my sister Elizabeth and myself. Emily Dyer, the daughter of the Rev. Heman Dyer, of New York City, was afterward one of the faculty. The name of the principal of the Model School was, I think, Mosier. Prof. Woodward went to the war during that year and was afterward a member of the lower house in the Pennsylvania legislature, elected from one of the interior counties. He was succeeded by J. A. Cooper, afterwards principal of the school. Prof. Woodward had been the teacher of vocal music, which position fell to me after his departure. The class in vocal music met every morning at 8 o'clock in the chapel and practised until 9, when school opened with prayer, Bible reading and the singing of a hymn or a spiritual song.

The instruction in vocal music was by the sol fa (do re mi) system. Of course in the chapel services I was the leader in the singing. On one occasion we had a visit from the superintendent of common schools of Crawford county, whose name I have forgotten, but I well remember what happened on that morning. The presence of the distinguished visitor flustered the youthful leader of the choral band and after sounding the pitch pipe, instead of singing the words of the hymn, he started off do, do, do, do in a sonorous bass solo, which was finally ex-

tinguished by the laughter of all assembled.

During our sojourn in Edinboro I was the janitor, bellringer and general caretaker of the school building, which included the sweeping and building of fires. I don't remember who did the scrubbing and window cleaning, but I did not. Mrs. Hardy, who came with her husband and family from Pittsburg, was the matron. She received one dollar and twenty-five cents per week from each of the pupils who boarded with her, but some of the pupils who desired to save even this small expense, were allowed to cook their meals in their rooms. The school building was heated by stoves in each room, the fuel was wood, and I had plenty of exercise in the winter time getting the fires going in the morning and keeping them going during the day.

Among the pupils whose names I remember, were William W. Sergeant, now residing in Brooklyn, N. Y.; George Allen, now a lawyer practising in Erie and formerly United States District Attorney for the Western District of Pennsylvania, appointed by President Cleveland; I. Newton McCloskey, afterwards District Attorney of Crawford County, famed then for his ornate penmanship and his ability to out-jump all of his fellow students; David Proudfit, William Leach, J. Milton Taylor, who volunteered in the war of the rebellion and was killed at the battle of Gettysburg, a brother of Dr. Newton Taylor; Job Taylor, his brother; William Pitt Clough, the son of the village shoemaker, who is now, I believe, practising law in Minnesota where he was once a candidate for the Attorney Generalship of the state; Charles Reeder, now in Johannesburg, South Africa, (he called upon me two years ago on his way thither); Henry Twichell; the brothers Holliday, who came from Springfield, and one of whom afterwards married Addie Eaton; Phoebe Buckingham, Nan Thickstun, Teresa Austin, her sister Mary Austin, who later married one of the students whose name was Pullman (they afterwards lived in Washington, D. C., where he had obtained

an appointment as clerk in one of the departments; from December, 1863 to April, 1866 I was a clerk in the House of Representatives, U. S., and met them quite frequently); Mary MacMaster of Poland, Ohio, Florilla McClaughry whose flashing black eyes made a deep impression upon the heart of her susceptible German teacher (she and William Pitt Clough constituted a class to which I gave instruction in German); Louisa Reeder, who afterwards married the superintendent of common schools for Crawford county heretofore mentioned, her sisters Sally and Fanny, Carrie Cutler, Anna Haggerty, who afterwards married Hon. I. Newton McCloskey, Keziah Trivett, and Evelyn Plummer, who came to Edinboro from the east and afterwards spent some years in Paris, France, later taught in the Freedmen's schools in Georgia and is now teaching in a Friends' (or Quaker) school in Philadelphia. Miss Plummer was a fine scholar and poetess.

I was younger than any of the students in the school and, though a professor was a boy with the rest of the boys and girls. Mischievous Carrie Cutler and Anna Haggerty threw me down one winter, afterschool, in a snow bank and washed my face for me.

When I commenced my duties my father assigned to me classes in Arithmetic, the higher mathematics, Latin and Greek, and I also taught the class in penmanship. The first year my voice had not settled; I had two tones to it like Orator Puff. Under my instruction was a class of twenty-eight in arithmetic, (Carrie Cutler was one of them) and I can never forget her peals of laughter when, sometimes, as I was delivering a lecture in my deepest tones, my voice would suddenly leap to a shrill soprano.

At first, at the beginning of the school term when assigning classes to the different teachers, my father did not seem to know exactly how to designate me, as there were two Professors Thompson, but Evelyn Plummer solved the difficulty for him after her arrival and thereafter the announcement was formally made from the platform that

class so and so would meet in Professor Dannie's room.

There were three general stores in Edinboro at the time—McClaughry's, Twichell's and McFarland's; Buckingham's factory for the making of axe handles, one tailor, one druggist, one shoemaker and one physician, Dr. Terry, who lived opposite the school grounds; no dentist, no baker, no butcher or candlestick maker. There were, I think, three churches, Presbyterian, Methodist and Baptist. There was also, I think, a saw mill which was the property of Mr. Reeder. Also a tavern. Everyone had to raise his own vegetables and garden stuff. We lived in the house adjoining the school grounds on the west (if I have the points of the compass right) with about three-quarters of an acre of ground about it, and in the intervals of teaching, janitoring and milking the cows, splitting, sawing and carrying wood, I had to wield the hoe and spade and sometimes to guide the plow. Among my tools was one which I used effectually to eradicate the weeds in the corn rows, called a cultivator; consequently I was dubbed by one of the students an educated cultivator or a cultivated educator, take your choice. We could as a general thing only obtain fresh meat by slaughtering a feathered biped. Once every three or four months some one might kill a sheep or a lamb and then the monotony of salt pork was broken. Eggs were to be had, of course. In the way of provisions all you could buy at the stores was sugar, eggs, flour, butter and salt meat. To get milk we were obliged to buy a cow, the care of which fell on me, and when, in June, 1863, I left with the Home Guard to hasten to the defense of Pittsburg against Lee's army, the extraction of the milk from that animal was undertaken by my father. Emily Dyer sent me a picture of him drawn after a fierce struggle wherein the cow came out the victress. Within two days she was "butchered to make a Roman holiday," that is to say, the villagers had fresh meat for a while.

PERSONALS.

Miss Foster spent Thanksgiving at her home in Utica.

Dr. D. H. Schall, ex-'89, is a successful practitioner in Dell Roy, Ohio.

Prof. J. M. Morrison, on account of sickness, was unable, for two days, to meet his classes.

Miss Rose Hanson and Miss Grace Caulkins, Seniors, spent their Thanksgiving at home in Edinboro.

Miss Helen Selinger, '97, and Miss Georgia McKay, '96, were guests at the Normal not long since.

All of the popular teachers of the Public Schools of Edinboro are either graduates or ex-students of the Normal.

What object did Miss Smiley have in telling Mr. Freeman that John Nicholson did not like Miss Stewart's red hat?

Nobody would believe that Miss Bumpus, Miss Benner, Miss Bergstrom and Miss Waid were the noisiest girls in North Hall.

Lester Waterhouse, '95, principal of the schools of East Springfield, made a pleasant call at the Normal on Saturday, Nov. 26.

Supt. W. M. Jackson of Armstrong county, an alumnus of Edinboro, held a successful institute during the week beginning November 22d.

Miss Marcia Mead, one of our popular Seniors, is quite an expert mandolin player and very often entertains her North Hall friends in her cozy boudoir.

Miss Annette McGibbon, a graduate of the class of '96 and a popular teacher in Austin, Potter county, spent a few days recently in visiting the school.

From present appearances, the Junior class has quite a strong Basket Ball team, the Messrs. Firman, Nicholson, Hanson, Griffey, Bole, Blair, Hunter are the team.

The Misses Stewart and Davis deserve the thanks of the school for their playing

in morning chapel. They are both skillful players and their work is very satisfactory.

Miss Mary Stancliffe ate her Thanksgiving dinner in the hall with her friend Miss Hinman. Miss Stancliffe is one of the efficient teachers of the Edinboro Public Schools.

Miss Nellie Spaulding, '98, residing in the first floor of North hall among the "four hundred," nightly charms her neighbors by singing to the accompaniment of her guitar.

Supt. T. M. Morrison, an ex-student of Edinboro, is now doing excellent work as superintendent of Erie county. His institute held in Erie on October 4th was very successful.

Miss Hinman of the Senior class, one of the best singers in the school, has a class of twenty-seven pupils all from the Normal School, in the Sabbath school in the M. E. church, Edinboro.

Principal Flickinger was on the program for three days' work at the Elk county institute, which convened at Ridgway, 29th of November. On account of press of work, he was unable to go.

Mr. Leo, of the Senior class, was recently called to his home at Wayland for a few days, on account of the serious illness of his mother. We are pleased to learn that she is improving.

Miss McFate, besides being one of the most genial and intelligent girls in the Senior class, if her friends are truthful, is also a dreamer from Dreamland. So far her dreams have not come true.

Rumor has it that the Misses Waterhouse, Fenton and Ladds, several of the charming young ladies at the table of the preceptress have mortally offended Mr. Woodworth because they have so far failed to notice his embryonic mustache.

Miss Margaret Wade reports a "swell" time in Meadville during the Thanksgiving recess. Our principal says that the Meadville atmosphere appears to have such a

soporific effect that he contemplates forbidding future visits by his teachers to that ancient village.

Miss Swaney, the popular captain of the girls' Basket Ball team, is become quite an athlete, and it is rumored that she is developing avoirdupois to such a large extent that she will in the near future challenge Miss Daisa Bryan for the heavy weight championship.

Miss Lulu Bennett of the Junior class had a pleasant visit from her father, A. M. Bennett of East Branch, Warren county. Mr. Bennett was a student in the school twenty-six years ago and was for a number of years thereafter a prominent teacher in Warren county.

The following interesting queries were recently sent in to the "horse editor" of the DIAL. Will some Junior, fresh from the farm, kindly send us answers:—"Do you sow oats with peas? At what stage of growth do you turn in on the peas? When turn in on Rye?"

Mr. Vogel, father of our music teacher, of Somerset, Penn'a, made a flying visit to the school on Thanksgiving day. He was very sorry when he found that his daughter had gone on a visit to Jamestown, N. Y. Mr. Vogel is an intelligent and entertaining gentleman.

Dr. Hervey, pastor of the Presbyterian church, and Rev. Dewing of the Advent church, were visitors at the chapel exercises recently and jointly conducted the devotional exercises. A few words of encouragement from each were greatly appreciated by the students.

The growing patronage of this school in Potter county, which is in another Normal School district, and a long distance from Edinboro, is evinced by the the relatively large number of our graduates and undergraduates that are teaching in that county this winter. See the following:

Mr. Woodring, '90, Austin, Miss Annette McGibbon, '96, Austin; Miss Edith Pomeroy, '96, Coudersport; Mr. C. M. Miller,

'97, Coudersport; Miss Verniece McWilliams, '97, Sweden; Mr. H. W. Clulow, '96, Roulette; Mr. Harry O. Reeder, '94, Wharton; Miss Chloe Hinman, Miss Anna Bielawski and Miss Stella Hinman, Roulette.

The question now going around among the Senior class is "Who got the mitten?" As the episode is alleged to have happened in the Latin room, some members of the class are cruel enough to insinuate that our esteemed teacher of Indirect Discourse knows more about it than any one else.

The humiliation of the Seniors over the defeat in Basket Ball by the Juniors is very noticeable in the morning garb that is evident on some of the loyal ones. Every day since that sad event, Mr. Mitchell, Mr. Torry, Mr. Comstock, Mr. Goodell and Mr. Bentley have been blacking their shoes.

One of the liveliest tables in the dining room during the Thanksgiving recess was the table made up wholly of Seniors. At the head of the table was Mr. Herbert Mitchell, the others being Miss Harrington, Miss Stewart, Miss Alice Mead, Mr. Phillips, Miss Ward, Mr. Bentley, and Mr. Turner.

A borrowed joke which will be used in the Model School:

"That settles it," exclaimed Cupid as he picked up an arrow that had failed to reach its mark. "That's the last time I shoot at a new woman. Why the point is bent double." Query: To which one of our Model School teachers did Cupid refer?

Has anybody seen the fine collection of china in the cozy rooms of Miss Schillinger? Gossip is whispering around that she hails everybody she meets with the request for a piece of china. We wonder if that is the reason why certain of the young ladies, while in Erie, purchased for her several nest eggs.

Students contemplating entering the school during the winter term had better write to the principal at once for rooms. All students should remember, also, that as there are only twelve weeks in the winter term, it will be necessary for them to enroll dur-

ing the first week and as early in the first week as possible.

The members of the Shakespeare Club are hard at work preparing for the recital which they intend giving early in January. It is expected that this entertainment will be the event of the season. The cast is composed of young ladies, and the costumes, which are ordered from Philadelphia, will be specially rich and beautiful.

Professor Most's class in Clay Modeling have been making several kinds of vegetables. Recently when a number of the Model School pupils were standing around and admiring the work, one of them turned to a member of the Model School faculty and inquired, "Teacher, what are these?" holding in his hand at the same time a carrot and a turnip. The dignified Senior to whom the address was made, with the air of a Blifful said, "Why, that—that—that's a squash; anyone would know that." Who was the Senior?

Plutarch says that the personal friends whom Marc Antony appointed to office after the death of Caesar, on the plea that Caesar had named them for the positions in his will, were called by the patricians and all the enemies of Antony especially, Charonites—the reference being to Charon, who, in the Greek mythology, was the fabled ferryman that conveyed the spirits sent to the lower regions, across the river Styx. Those boys in South Hall that are trying to learn to swim in the bath tub are evidently endeavoring to be in a position to avoid paying tribute to this sombre ferryman.

On Thanksgiving day, Professor and Mrs. C. F. Chamberlain, of Cambridge Springs, made a pleasant call on Mr. and Mrs. Flickinger. Principal Chamberlain is one of the strongest and best known teachers in the northwestern part of the state and for a number of years past has been the efficient head of the schools of Cambridge Springs. However, Edinboro is especially proud of Mrs. Chamberlain, because of the fact that she is one of the accomplished

graduates of this school. For a number of years she was a popular and well known teacher in Crawford county.

The many friends of M. S. Kistler will be glad to hear that he is enjoying his post graduate work in Clark University, near Boston. He is making a specialty of Psychology, Pedagogy and English. The work being done at Clark in Experimental Psychology and Child Study is doubtless the best in the United States, and Mr. Kistler shows his wisdom in making choice of that institution. In a recent letter, he sends his best wishes to his Edinboro friends, and the DIAL in behalf of the school, cordially reciprocates the same.

It has been a source of frequent comment as to who was responsible for the irregular manner in which the young ladies and gentlemen have been seated at the various tables in the dining room. At some of the tables, notably Mr. White's and Miss Schillinger's, the proportions are all wrong. At the first named table the Misses Prather and Bergstrom, while at the other, Mr. Mitchell is the only gentleman. When the new tables are formed at the opening of next term, they will be more evenly divided.

Miss Lizzie Woodside, Miss Sara Wilcox and Miss Mary Woodside have the reputation of being the earliest risers in the Junior class. We wonder if this is the reason that they eat such light breakfasts. Early rising is not conducive to good appetites—at least that is what Mabel Hanson said to Richard Pearson in the Physiology class.

The "Chaucer" Club which banquets at the table presided over by Miss Goshen, is ably maintaining its good name, although if Miss Jackson and Mr. George Blair continue to tell the same sort of side-splitting stories that they have been perpetrating recently, so much valuable time will be lost that the name will be a misnomer.

The smartness of D. Sylvanus Hoyt is proverbial, but his reply to Archie Hanson's question, why he left his home to come to

school, "Because I couldn't bring it with me," is the best so far this term. If the next one is better, we will report it.

Miss Emily Radcliffe, the former efficient principal of the Model School, is at the head of the Training Department of Waterbury, Conn. She has an excellent paper on Primary Work, in a recent number of the *Popular Educator*.

Miss Mary Kistler, '96, has a fine position at West Falmouth, Mass. This is another evidence that Edinboro graduates are good enough to teach school within the shadow of Boston, the so-called "Athens of America."

Miss Annette Graham, Miss Grace McBride, and Miss Bertha McLaughlin, of the Senior class, are three of the most interesting residents of the "Merry" Hill section of Edinboro.

Miss Schillinger's "entertainment" in the church at Belle Valley on Friday evening, Dec. 3rd, was well attended and very acceptable to the audience.

Miss Carrie Comstock was kept out of school for a few days recently by a severe cold. Also Harley Wood, president of the Senior class.

Why does May Strong wish that Time in bringing Christmas would be more "Swift?"

Miss Gertrude Bergstrom, '95 is teaching her third term at Mt. Jewett, McKean county.

By the time this number of the DIAL is issued, the first match game of Basket Ball will have been played. The contest will be between the two literary societies. As this game will afford an opportunity of seeing the teams play, some estimate can be formed as to the prospects of the Normal team when they meet in the near future the strong teams of Allegheny College and the Y. M. C. A. of Erie. The president of the Athletic Association has engaged a coach to instruct the team. Two years ago our school team were the champions of north-western Pennsylvania.

Training Department

Strenuous efforts are being made this year to systematize and elaborate thoroughly the Senior work of the Model School, and also to correlate it closely with the theoretical pedagogical work of the Normal School. To further this end, Seniors are now required, before teaching a new class or a new

subject, to prepare a syllabus, or general plan of the work to be covered during their two months' "term of office." These syllabi must be submitted to the principal of the Model School for approval before the Seniors take charge of their respective classes.

Each Senior has a printed copy of an "Outline for Preparation" which he is required to follow in making out his syllabus. This "outline" is given below:—

(ALL RIGHTS RESERVED.)

Teachers' Outline for the Preparation of a Subject.

GENERAL EDUCATIONAL AIM

SUBJECT

ITS PEDAGOGICAL VALUE.

(a) Practical.
(b) Disciplinary.
(c) Ethical

TOPICS FOR CONSIDERATION.

ANALYSIS OF SUBJECT MATTER.
(a) Central Themes.
(b) Sub-Topics

METHODS OF PRESENTATION.

1. Develop. { (a) Introduce. } Appeal to Pupils' Interest (attention.)
 { (b) Elaborate.—Discover New Relations (association.)
 { (c) Formulate.—Deduce Laws and Principles (generalization.)

2. Fix and Broaden. { (a) Drill.
 { (b) Applications.
 { (c) Appropriate Supplementary Work.

3. Test.

SUPPLEMENTARY WORK.

(a) Observations.
(b) Experiments.
(c) Problems.
(d) Memorizing.
(e) Collateral Reading.

(f) Modes of Expression. { (1) Written Work.
 { (2) Drawing.
 { (3) Painting.
 { (4) Modeling.
 { (5) Making.

RESULTS.

FOR PUPILS.
(a) Knowledge.
(b) Power.
(c) Character.

FOR TEACHER.
(a) Insight.
(b) Skill.
(c) Ideals.

The following completed syllabus serves as an illustration of the character of this work, and it is an accurate copy of the work of one of the Seniors:—

Syllabus of a Half Term's Work.

October 25th—December 17th, 1897.

TEACHER—Herbert Mitchell.

SUBJECT—Science [Chemistry.]

GRADE—Seven.

GENERAL EDUCATIONAL AIM—To enable the learner to adapt himself to his environment, i. e., To get the greatest good from Nature, Literature, and Institutions of Man.

PEDAGOGICAL VALUE OF THIS SUBJECT.

PRACTICAL.
Increases power to utilize forces of nature by explaining common phenomena and laws.

DISCIPLINARY.
Induces a habit of inquiry and observation, of comparison and generalization.

ETHICAL.
Inspires with a love of nature and a desire for further knowledge.

SPECIAL TOPICS FOR CONSIDERATION—Changes, Physical and Chemical—Common Elements—Combustion.

ANALYSIS OF SUBJECT MATTER.

CHANGES OF MATTER.

Physical—
Change in Size, Density, Temperature.
Chemical—
Compounds, Analysis.

OXYGEN.
Gas—
In compounds is principal element in acids.
Tends to unite with other elements.
Supports combustion.
Necessary to animal life.
Alpurifier.

OXYGEN COMPARED.
Compare oxygen with carbon, nitrogen and hydrogen as to
1. Form.
2. Properties.
3. Uses.

COMPOUNDS AND MIXTURES.
Compounds of common elements as water, lime, sugar, starch, fats, coal, wood, petroleum, natural gas, acids, ammonia, et cetera.

CARBON DIOXIDE.
Form—Gas.
Properties and uses—
Necessary to plant life. Injurious to animals.
Where found—
In air, limestone, shells, animals.
A product of combustion.

COMBUSTION.
Combustion a form of oxidation.
Products of combustion. Necessity of air in combustion. Kindling temperature. Nature of a flame.

METHODS OF PRESENTATION.

<p>DEVELOP.</p> <p>Introduce— 1. Secure attention by making experiments with common elements, compounds and mixtures 2. Recall and explain familiar phenomena.</p> <p>Elaborate— Study cause and effect of different processes. Discover relations between different processes and substances. Formulate laws, principles and definitions.</p> <p>OBSERVATION. Note physical changes produced by wind, water, etc. Chemical changes produced by oxidation, action of acids, alkalis, etc. Effects of impure air, water, etc.</p>	<p>FIX AND BROADEN.</p> <p>Drill— In developing each new truth review and associate with it related ideas acquired from previous lessons.</p> <p>Applications— 1. Rules of health. 2. Ventilation. 3. Care and culture of plants. Supplementary work. [See below.]</p> <p>WRITTEN WORK. Descriptions of and abstracts from experiments. Laws and definitions deduced in recitations written in note books by pupils.</p> <p>PROBLEMS. Problems calculated to fix the idea of definite proportion in compounds, and the relative amount of components in given volumes of matter studied, will be given as occasion offers.</p>	<p>TEST.</p> <p>Occasional oral and written reviews.</p> <p>DRAWING. Draw diagrams of apparatus and materials used in connection with written work.</p>
<p>EXPERIMENTS. Simple experiments tended to amplify class work will be made by pupils outside of class.</p> <p>RESULTS.</p> <p>TO PUPILS.</p>	<p>SUPPLEMENTARY WORK.</p> <p>RESULTS.</p> <p>TO TEACHER.</p>	

New Books For the Model School.

During the past month valuable additions have been made both to the general and the Model School libraries, in the way of reference books for teachers and supplementary readers for the children. Among the books purchased are the following:

Reference Books: Tracy's Psychology of Childhood; Sanford's Experimental Psychology; Newsholme's School Hygiene and Russell's Child Observations.

Supplementary Readers: Bass' Nature Readers: No. 1. Plant Life; No. 2, Animal Life; Eggleston's Stories of Great Americans and Stories of American Life; Baldwin's Fairy Stories, Old Greek Stories and Old Stories of the East; Norton's Heart of Oak Books.

The music course of the Model School has also been extended and improved, and the adoption of an up-to-date system of music insures progressive, scientific work. The new books and charts have been in use for some time, and under the skillful direction of Miss Vogel, excellent results are being obtained.

SONG RECITAL.

On Friday evening, November 12th, the students of the music department under the direction of Miss Vogel, their popular instructor, gave their first musical recital of the season. When it is considered that Miss Vogel had only a few weeks in which to prepare her students the result was especially gratifying. Quite a large audience

greeted the performers notwithstanding the fact that the weather was not very favorable. Already new life has been infused into the music department, the number of students having doubled over last year. There is no reason now why we should not be successful along musical lines. We have a fine teacher, a large and convenient music hall, and have thirteen pianos, and a half dozen organs. The following is the program:

- April Showers *J. L. Hatton.*
Chorus.
- { Ah 'tis a Dream *E. Lassen.*
- { Thee I Think of Margarita *E. Meyer Helmund.*
Mrs. J. R. Flickinger.
- { A Disappointment *Hood.*
- { The Sugar Dolly *Jessie L. Gavnor.*
Miss Mae Jackson.
- Hear Me, Norma *Bellini.*
Mrs. Flickinger and Miss Vogel.
- The King's Highway *Molloy.*
Mr. Chas. Freeman.
- The Bee's Courtship *Guy E. Hardelot.*
Miss Alice Brightman.
- Forever with the Lord *Ch. Gounod.*
Miss Lucile Hinman.
- Lullaby
Mrs. Flickinger, Misses Goshen and Vogel.
- Eventide *L. T. Sheldon.*
Mr. Richard Pearson.
- { Romance de l'Etoile *R Wagner.*
- { The Quaker *Adams.*
Miss Vogel.
- A Slumber Song *F. N. Lohr.*
Chorus.

Miss Edith Schillinger, our accomplished teacher of Elocution, has been invited to appear as the chief entertainer at the annual reception given by the Dean of the Women's College of Bucknell University. A high compliment surely, and we mention it only to show that other people besides ourselves are learning to appreciate her excellence as an entertainer.

The Edinboro Normal Dial.

A quarterly paper devoted to the interest of young people and to the cause of Education.

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Address all communications to

Edinboro Normal Dial, Edinboro, Pa.

WITH this issue of the DIAL, we approach the closing weeks of our fall term of school, hence, a retrospect will be in order. When the school year of 1897 opened, the omens were auspicious. Already one school year under the management of the present principal had passed, and the friends of Edinboro were greatly gratified with what had been accomplished. The three hundred students of the spring term had gone home full of praise for the school, and one of the most delightful Commencements in the school's history stood out behind them as a beacon light. In other words, the school's success of the previous year justified the bright omens for the future and they have been realized. To-day, as we stand on the threshold of a new year—of a new school term—the trustees, the faculty, the teachers, the students and the ex-students of "Old Edinboro" have a right to congratulate one another on the success already achieved and on the promising prospective development. If the same measure of success continues during the balance of the year as has attended the school during the present term, it will not only need an enlarged dining room, but increased capacity in its dormitories. We may be self-complacent and too optimistic, but the data at hand is nevertheless a sufficient excuse for us all to prophesy that the attendance during the coming winter and spring terms will be relatively among the four or five

best terms in the school's history. "Nothing succeeds like success" is an old saying and it is surely being realized now in this stage of our history. We have confidence in ourselves and that fact inspires confidence in others. We hope that our friends will continue their good efforts and that our brightest anticipations may be realized. By the hearty co-operation of all the old friends, together with the new ones, there is no question about the final success of the school. We invite you all to continue to help us and we thank you for what you have already done. Visit us, write to us, send your friends to us. We extend to all our readers the usual felicitations of this joyous Christmas season.

ORGANIZATION OF THE SENIOR CLASS.

The Senior class has organized for the year '97-'98 with the following officers: President, H. J. Wood; vice president, G. Lyon; secretary, Alice I. Mead. The class has shown wisdom in its choice of officers, as those chosen are well qualified for the respective duties. Already this class has succeeded in developing a strong *esprit du corps* among its members. The fifty members constituting the class of '98 rank high, not only as scholars, but as accomplished young ladies and gentlemen. Their work in the Model School is also most excellent. A reason for this, no doubt, is the fact that about 80 per cent. of the class have had some experience in teaching. The class has in its ranks a number who have been college students and some are high school graduates, hence they have a wider experience than the average Normal School students and their friends have a right to be proud of this class, and so has the Normal School. The class colors are pink and Nile green.

The grave and reverend Seniors are especially proud of their "Freeman," "Bole," "Benjamin" and "Brightman," but what is the matter with the sparkling "Mead," the solid "Oakes," the docile "Lyon" and the presidential "Wood"?

NORMAL NOTES.

The Thursday afternoon meetings of the Y. W. C. A. during this term have been quite well attended. This association is now in a more flourishing condition than ever before. Of the one hundred young ladies in the Normal School, all but a half dozen are either active or associate members. Miss Evie Gross of the Senior class is the president and she has shown skill in the management of this society. Miss Tucker has been of great service to her and to the society in arranging the programs. The meetings are held in the Reception Room.

The Y. M. C. A. is now in a flourishing condition. Almost every boy in the school is a member. During the week of prayer, which was the week in November ending Saturday the 20th, it was characterized by earnest gospel meetings. The meetings were held at 6 o'clock each evening in the different rooms of the young men in South Hall, and the young men took turns in leading. Mr. Don Smith with his guitar, and Mr. Freeman, by his solos, contributed to the pleasure of the exercises. On Friday evening of that week Prof. and Mrs. Flickinger kindly gave the association an invitation to hold the meeting in their fine parlors, and the invitation was accepted. Mr. Marsh led the meeting and Mrs. Flickinger presided at the piano. Almost forty of the young men were in attendance that evening and a large number took part. Mr. Conroe is the president of the association and is ably assisted by Messrs. Phillips, Wood, Turner, Blair, Smith, Marsh, Hunter, Woodworth and others.

On Monday the 4th of October, the association was greatly encouraged by the visit to the school of Mr. C. W. Harvey, College Secretary of the Y. M. C. A. for the state. Mr. Harvey is Secretary instead of Hugh Beaver, whose sad death early in the fall, our readers will remember. At this meeting, which was largely attended, the

members appeared with badges, and showed their interest by cordially greeting the State Secretary. Mr. Conroe presided, and on the platform with him were Mr. Harvey, State Secretary, Mr. Turner and Mr. Wood. The exercises began with a gospel hymn, then singing by a male quartette, consisting of Messrs. Neyland, Freeman, Marsh and Pearson. Mr. Wood read the scriptures and Mr. Jay Turner led in prayer, after which Miss Vogel, our accomplished teacher of music, sang a solo. The president introduced Mr. Harvey, the speaker of the evening. His theme was, "The Life of Christ as a model for young men." Mr. Harvey's remarks were full of the gospel and were fully appreciated. After the close of the meeting, an opportunity was given to all to meet the State Secretary. Mr. Harvey made many friends while here.

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Several times during the term, joint meetings have been held of the Y. W. C. T. U. and the Y. M. C. A. On Sunday afternoon the 3rd of October, a special program was given, having been prepared by the officers of the respective associations. A large number of students and teachers were present. The meeting was held in the hall of the Philo Literary Society. The present prosperous condition of the Y. W. C. T. U. is greatly due to Mrs. Dr. Hotchkiss of Edinboro, who for years has been known as one of the best workers for the cause of temperance in the northwestern part of the state. Her zeal in this great movement is contagious and our school society has reaped the benefit. The address of Mrs. Hotchkiss was the leading feature of the afternoon. She is a lady of fine presence and pleasing address, which coupled with the intensely striking method of presentation, made it a masterly effort.

Other features of the exercises were a solo by Miss Vogel, prayers by Professors Peters and Peavy, an interesting essay by Miss May Jackson, and an address by Principal Flickinger. Miss Georgia Davis presided.

Several additions have been made to the library during the term, the most important of which are the four bound volumes of "Current History." Our splendid library and well equipped reading room are always points of interest for visitors, and the usual remark is, that in the number and variety of books and periodicals, the school is unexcelled by any secondary school in the state.



On Friday, the 8th of October, Miss Emma Hays, State Secretary of the Y. W. C. A., paid the school association a pleasant visit. At her reception in the evening, almost fifty of the young ladies of the school greeted her in the Reception Room. The officers of the association, the Misses Gross and Hinman, had little time to notify the members of her coming and they certainly deserve credit for their promptness in getting so many together on short notice. This visit by Miss Hays has infused new life into the society and has been one of the chief causes for its rapid growth during the term.



On Saturday evening, October the 30th, the Shakespeare Club, made up of the young ladies of the school as well as the lady teachers, gave a Hallowe'en party to the young men residing in the hall and those of the Senior class, in or out of the hall. The Misses Tucker, Goshen, Schillinger and Vogel, teachers, were the moving spirits, and they certainly deserve great credit for the interesting character and great variety of the exercises. In addition to the large Reception Room, the dining room had been cleared of tables, thus affording room for the many lighthearted guests. There was a bountiful supply of taffy which could be had for the "pulling"; nuts, apples, etc. Miss Tucker and Miss Swaney received the guests in the Reception Room and gave a cordial welcome to all, while the other teachers and members of the club assisted in the entertainment of the guests. The witches' cave was especially ghostlike and lurid with the dim Jacko'lanterns. Then the witches' dance around the boiling cauldron and the

clanking of chains by other "spirits" hidden in dark corners, added much to the sombreness of the room. In one corner was crouched the chief Sibyl, whose demeanor and omniscience far surpassed any ancient Pythoness, or Highland Dame. But the *sans pareil* was the cake walk, that unique delight of the cotton plantation of the time "befo' de wah." How beautifully our young folks did walk! But then they were walking for a cake, and oh, what a cake, my countrymen! Then, too, you should have seen the prize winners, Mr. Firman and Miss Cease, cutting the gorgeous prize. Judging by the way the knife wrestled with the interior of the cake, it too, had an inherent knowledge of the cotton field. No returns up to date have been received as to the time required for its digestion. We have only mentioned a few of the novel features of the evening, but enough has been said to indicate the delightful character of the entertainment. The regrets expressed when the good nights were said, is sufficient evidence of the pleasure afforded to the participants.

The "At Home" given in October to the non-resident lady students by Miss Tucker, was another of the many splendid opportunities that have been afforded this term to the young people to become better acquainted.



On reference to the professional department of the present number of the DIAL, the reader will observe the up-to-date work being done by the Seniors in the Model School, under the direction of its skillful principal, Miss Goshen. Her work this year is unsurpassed anywhere, and besides developing methodical methods in the preparation of each lesson, her outlines require exact knowledge of the new Psychology, and a great deal of skill in formulating it. Professor Most, under her direction, is showing not only the Seniors but the Model School pupils, the scientific value of clay modelling, some of which is strikingly natural, such as the potato and carrot. Clay

modelling and drawing, both of which subjects are now carefully taught in the Model School. are very valuable in habituating the mind to form clear percepts, and Miss Goshen is showing the teachers how to do this. We invite teachers to visit especially the Model School, and see for themselves the great value to teachers of the work that is being done.



On Sunday afternoon, October 31st, at

Reading of messages sent in memory of Neal Dow's 93rd birthday.
 Talk—Lessons from the life of Neal Dow....
Dr. Flickinger.
 Song.....



The Board of Trustees are to be congratulated on the purchase of the Rand-McNally Company's beautiful maps of the world, Columbia series. They also purchased Kiepert's famous maps of the ancient world, which will no doubt prove quite helpful to the classes in General History.



3 o'clock the Y. P. C. T. U. of the school held a meeting in memory of Neal Dow, the great temperance advocate. The following is the program as rendered:

Hymn.....
Scripture Reading.....	Miss Gross.
Prayer.....	Dr. Flickinger.
Vocal Duet.....	{ Mrs. Flickinger, Miss Goshen.
Introductory Remarks.....	Miss Jackson.
Life of Neal Dow.....	Miss Tucker.
Telegrams.....	Miss Waterhouse.
Solo.....	Mrs. Flickinger.
Last Tribute.....	Mrs. Marsh.
Recitation.....	Miss Dexter.

Many new students have already engaged rooms for the winter term, which opens December 27. If the increase in attendance during this winter term over the winter term of last year should equal the increase of the present fall term over the fall term last year, we would have one of the largest winter terms for a number of years. It is to be hoped that we may be able to maintain our proud record of having made the largest net gain of any school in the state. Prospective students are notic-

ing not only our scholarly faculty, splendid library and fine equipments, but the low expense. It will pay young people to write to our principal for catalogues.



During the five weeks' absence of Prof. Peters, Principal Flickinger and Professor Peavy met his classes, so that all the work of the Seniors was kept moving. Professor Peavy's success as a teacher of Physics was especially commented upon by the class of '98. He is not only a good mathematician but he has an excellent knowledge of mechanics.



During five weeks of the present term, much to the regret of the students, Professor Peters, on account of ill health, was compelled to go to the eastern part of the state for special medical treatment. During the last month of the term he has been back attending to his work. He received a most cordial welcome when he returned. Professor Peters is not only an excellent teacher and a fine scholar, but a man of the highest integrity and character.



Our versatile and highly accomplished teacher of Elocution and Physical Culture, Miss Schillinger, is giving her class in Delsarte the graceful and sinuous wand movements. The evolutions in connection with this wand drill are very pleasing. On Saturday evening, November 6, by invitation she gave one of her popular entertainments in Mill Village. The audience was greatly pleased, and in consequence, she has been invited to come back and give another some time during the winter.



This year the Thanksgiving recess began on Wednesday at 4 o'clock and continued until the Monday following at 7:30. An opportunity was thus afforded to many of the students to eat their Thanksgiving turkey at home. However, those that remained over were well taken care of by the steward, Mr. Wellman, and his willing and skillful assistants. In the first place, Miss

Mayhue, the matron, assisted by the dining room girls, beautifully decorated the pillars, chandeliers and the tables with evergreen and in order to show their patriotism, placed around the room small American flags. When the forty boarders that remained over, sat down to the table at 12:30, a sumptuous dinner of turkey, cranberry sauce, sweet potatoes, lettuce, and various other condiments that are so essential on such occasions was bountifully served to all. Everything was done to a turn, all of which was very creditable to the school's culinary department; especially the *chef*, Miss Emma Stough. It was a dinner fit for a king and the guests greatly enjoyed it. It is but fair to say in this connection that the system and order prevailing in the kitchen and dining room have greatly added to the popularity of the hall and prospective students can rest assured that while boarding in the hall they will have wholesome and well cooked food.



The Basket Ball teams are practicing daily and some exciting contests may be expected in the near future. Mr. Jay Turner, present of the Athletic Association, is reviving the latent interest in athletics. The team has already accepted challenges from Allegheny College and the Y. M. C. A. of Erie.



The section of the Senior class which began the study of Cæsar at the beginning of the term are now engaged in a critical study of the construction of the Oratio Obliqua. They show a ready and intelligent appreciation of this difficult feature of the Latin Language and are making excellent progress in all of their language work. This class will in all likelihood, be able to observe the suggestions of the recent Principals' meeting that two books of the Commentaries be read by the Senior classes in State Normal Schools. It is well known that only twenty-nine chapters of the first book are required. The other section of the class has also begun the reading of

the same text. With the additional preparation of a rapid review course in Latin Grammar fresh in their minds, they will also be able to exceed the requirements of the prescribed course.

One of the most popular, and we might add, one of the most voracious of the many tables in the dining room is the one which is so graciously presided over by our popular steward, Mr. Wellman. His *vis a vis* is Miss Lucile Hinman, who dispenses with bounteous hand the delicious Mocha and Java (sic) to the other select occupants of this *elite* table. They are a happy family and in addition to good appetites they are handsome, obliging, courteous and intelligent. Read the roster in addition to those named; the chosen ones are the Misses Waid, Cease, McFate, Davis, Bumpus and Messrs. Hunter, Pearson, Wood, Marsh and Holeman.

Miss Schillinger has larger classes than ever in Delsarte and Elocution. Her advanced class is now studying the Theory of Expression, which is the philosophy of the art. Several students have enrolled for next term, one of them a post graduate, for the special purpose of taking her work.

What promises to be one of the most useful departments of the school has recently been organized. We refer to the opportunities that are now offered for high grade instruction in Phonography and Typewriting. At the request of several of the students and others who were well acquainted with Reverend George H. Dewing, Edinboro, and who knew of his attainments as well as experience in teaching these branches, he was invited by the management of the Normal school to assume charge of this important department. It is therefore with more than ordinary pleasure that we announce to students contemplating a business course that we are now prepared to give the very best possible instruction, not only in Bookkeeping, but in the American system of Phonography, a system that is used by

more than one-third of the best commercial schools of the United States. The terms are reasonable and coupled with the fact that boarding is very cheap in Edinboro, students can come here and receive all the advantages of a first-class commercial school at much less than the average cost. Classes have already been started both in Phonography and Typewriting, but students can enter at any time.

The classes in Manual Training are so much enthused that they insist on Prof. Peavy, their instructor, being in the shop with them on Saturdays. The work already produced is commendable.

The debating exercises of the Literary societies are probably the most valuable feature of the work and they are creating considerable interest in the work.

The interesting article from the pen of Daniel B. Thompson, appearing on the first pages of the DIAL this month, is not completed. A second installment will be printed in the next number of this journal. The line "To be continued" was accidentally omitted.

The enterprise of the Trustees in voting at their last meeting to erect a large and suitable stage in the chapel will be greatly appreciated by the students. If the plans contemplated are carried out, the stage will be convenient for all of the exercises of the school, including Commencement.

The girls' Athletic Association recently organized by electing Miss Nellie Spaulding, president, Miss Mamie Waid, secretary and Grace Calkins, treasurer. The chief object of the organization is to develop the girls' Basket Ball team. The proposed game between our young ladies Basket Ball team and the young ladies of Allegheny College in the near future, promises to be the event of the season.

LIBRARY BULLETIN BOARD.

The bulletin board continues to be an important feature of the library. Students have become habituated to its use, and appreciate its purpose. Every week has its surprises. Now some startling invention or discovery is noted; then some wonderful achievement in science or the arts; now a political or international crisis holds the attention, then the consequent adjustment and changes are eagerly read. Such is the progress along all lines, that only brief mention can be made of truly important articles found in our periodicals, selecting those which seem particularly suited to our students for more detailed account, and treating only short items and matters of extreme importance in full.

In this issue of the DIAL we have space to note only that which appeared on the bulletin the past week:—

Blackboard.

"Absolute independence is still demanded by the Cubans. Spanish promises are regarded with distrust, and just what Spain really offers is a matter of doubt. The latest is a comprehensive, generous scheme, yet bribery is tried to buy the leading insurgents. Gen. Rivera, who was captured by the Spaniards some time ago, was promised his freedom if he would lend his influence to bring about peace or never again to take up arms against Spain. He replied that he would join the insurgents at the first opportunity. The release of the Competitor prisoners, the reversal of Gen. Weyler's order, seem intended to conciliate the U. S. A daring band of Cubans made an attempt to rescue Gen. Rivera, entered Havana and fired upon Capt. Gen. Blanco's palace. They retired without the loss of a man.

"The pirates on the Riff coast of Morocco now have about fifty European prisoners and refuse to accept the ransom that is offered. The European nations bordering on the Mediterranean have been greatly annoyed by these pirates, but each of them is eager to gain possession of territory in

Morocco, and afraid that another will gain more, so that any attempt at united action would be likely to lead to disagreement. Italy intends to send a warship to punish the pirates. The ruler of Morocco is also troubled by them.

"What every student should read:—

"A Knight of the Forceps—C. E. W. page 151; The Call of Duty—C. E. W. page 151; Mr. Edison's Mining Invention—McClure's; A Revolution in Microscopy—Scribner's.

"This discovery promises to go as much further into that unknown province as the present microscope goes beyond the province of the eye.

"The Austro-Hungarian Trouble—Pitts. Disp.; Canada and the U. S.—Seal Question—Outlook, page 746.

"It is reported that the government of Chili is arranging an alliance with Peru and Argentine for the purpose of dismembering Bolivia and dividing that country among the three."

Miss Tucker's classes in German and Higher English are making rapid progress. Her teaching of German is of the highest order and her students are able already to converse to a considerable extent. The conversational method is the true method of learning a modern language. It may also be noted that her University course in History serves her a good turn with her class in History of the United States. Her pleasant method of control as preceptress and her evident desire to please has given her much prestige with the young ladies.

The Juniors in Latin, under the careful instruction of Miss Margaret Wade, are solving the difficulties of the Latin paradigms and if they continue to make the same progress, many of them will be ready for Cæsar by the opening of the spring term. Miss Wade's work also in the Model School is quite efficient and she is very popular not only with the Model School students but with the Seniors with whom she is associated as a critic teacher.

A SURPRISE.

From all accounts the surprise *par excellence* of the season was the one perpetrated on Tuesday evening, October 19th, by Mrs. Flickinger, that being the birthday of her husband, the principal of the school. She took advantage of the opportunity to surprise him with a party in his honor, made up of the Board of Trustees and their wives. The affair in every respect had been so quietly managed that not an inkling of it had gotten out and the worthy gentleman was in total ignorance of it up to the moment when he opened the parlor door at 8 o'clock and faced the bright lights and expectant faces of the large crowd that filled the beautiful drawing rooms. Embarrassment for the time being was the order of the day, but the hearty handshaking that followed soon dissipated it and the evening's hilarity went on uninterruptedly until the hour of ten. The Misses Schillinger, Vogel and Wilson, respectively, contributed greatly to the evening's enjoyment. Miss Schillinger's recitations, as well as the delightful singing of Miss Vogel and Mrs. Flickinger, were of a high order. The ice cream, cake and coffee were greatly enjoyed. A feature of the evening was the cutting of the birthday cake. The cake was large enough to afford a goodly portion for each person present. Principal Flickinger had the honor of cutting the cake, and as the pieces were deftly distributed by the graceful waitresses, all were warned to examine before eating, as several articles were reputed to be concealed within the cake. The lucky prize winners were Mrs. Lavery, to whom fortune gave a gold stickpin; the penny, delusive in its wrappings, hence an emblem of the deceitfulness of riches, also fell to the lot of the same charming lady; the paper of "needles and pins" typical of man's forlorn condition after marriage, became the property of Mrs. Cole; while the bachelor's button fell to the lot of our popular secretary, Miss Wilson. The entire affair was a success and quite flattering to

the skill and judgment of its manager, Mrs. Flickinger. With the farewells at the door, many congratulatory well wishes were extended to the host and hostess. The following persons were present: Mr. and Mrs. V. B. Billings, Dr. and Mrs. Hotchkiss, Mrs. Cole and son William, Mr. and Mrs. Lavery, Mr. and Mrs. Robert Wade, Mr. and Mrs. J. T. Wade, Mrs. H. C. Billings, Mrs. F. T. Proudfit, Dr. Gillaspie, Mr. O. P. Reeder, Mr. and Mrs. N. T. McLallen, Mr. and Mrs. Amidon, Mr. and Mrs. Marcy of Cambridge Springs, Mr. and Mrs. Wellman and the Misses Vogel, Schillinger and Wilson.

A RECEPTION.

On Friday evening, the 8th of October, between the hours of 7:30 and 10:00 o'clock, Principal and Mrs. Flickinger entertained the faculty in their beautiful parlors in South Hall. The social intercourse, the singing by Miss Vogel, the recitation of Miss Schillinger and the debutante Jean Flickinger, were all very much enjoyed. The hospitality of the host and hostess was manifested by the thoroughly "at home" air that was a marked feature of the evening. The appetizing cake and delicious ice cream, supplemented with Mocha and Java, satisfied the "inner man." The game of "Kate" was much enjoyed, although the lady members of the faculty did look a little askance at Professor White when they discovered that he was the lucky winner of the first prize—a beautiful basket of delicious fruit, artistically arranged. The dainty little basket containing the booby—a pickle—fell to the lot of Mrs. Morrison. We dare say that the basket will afford some amusement for the young tyrant who has recently come to board with the Professor's family. The farewell at the door to the host and hostess, closed a delightful evening for all parties.

Miss Elizabeth Eagley, a successful teacher in East Springfield, and one of our popular students of last spring, was a welcome visitor at the Normal recently.

SOME BIOLOGICAL OBSERVATIONS.

Prof. Peters, during his recent trip to Boiling Springs, Cumberland Co., Pa., was very much surprised to find in the clear, cold water of that beautiful spring, a species of Spirogyra which was most curiously and interestingly branched. As is well known, "Brook Silk" normally is unbranched, but Prof. Peters thinks this abnormal condition is due to some peculiarity of environment. Since the trend of investigation at present is to determine the effect upon growing matter of changes of environment, it would be interesting to Biologists to know just what conditions brought about the above result.

It is interesting also to note that in the same locality Professor Peters found the plasmodium of Lycogola epidendrum creeping over a suitable substratum which in many places was covered with ice. This shows the capacity of protoplasm to maintain its activity at a temperature below the freezing point. This little organism is claimed both by the Zoologists and Botanists. And we need not remember that during one phase of its life it is a veritable animal moving from place to place in the dark, and devouring whatever of nourishment may lie in its path. It has no true feet, but sends forth finger-like projections called pseudopodia (false feet).

It is one of the simplest organisms known and in this condition consists simply of a multinucleated mass of protoplasm of the white of an egg. It is usually white, but may be any color except green. Upon the advent of unfavorable conditions, such as drought, low temperature, etc., a wonderful transformation takes place. It stops its migratory career, seeks open dry places in the light and passes into a resting phase, massing itself in heaps and may become quite dry in lumps of considerable size, and in this state await the return of favorable conditions, when former activity is quickly resumed. In its resting phase it resembles plants of other types. It is an interest-

ing plant for experimentation since it behaves nicely under the care of the investigator and may be caused to pass into successive stages at will. Under a bell jar it makes a beautiful experiment for Model School work.

C. A. PETERS,
Science Department.

CONVENTION MEETING.

One of the most interesting meetings that we ever attended was held by the Christian Temperance Union of the school Sunday afternoon. This society is rapidly increasing and now boasts of sixty members. One of the most pleasing features is the interest taken by our young men. Nearly all the boys of South Hall are now honorary members. Surely parents ought to be thankful that they can send their sons to a school where the temperance sentiment is so strong. The meeting on Sunday was called a "Convention Meeting." Interesting descriptions were read of the World's Temperance Convention held at Toronto in October, and of our own National Convention which convened at Buffalo the week following. These reports were interspersed with music. The following was the program:

Music.....Rock of Ages.
Scripture.....24th Psalm, Miss Maynard.
Prayer.....Mr. Marsh.
Introductory Remarks.....Mrs. Peters.
Some reports from the World's Convention held at Toronto—Mr. Turner, Miss Swaney, Mr. Leo, Mr. Lusher, Mr. Freeman, Miss Harrington, Miss Waid, Miss Smiley, Mr. Blair.
Part of Miss Willard's address before the National Association at Buffalo, Mr. Hayes.
Music.....Battle Hymn of the Republic.
Report of National Convention held at Buffalo, Miss Waterhouse.
Duet.....Miss Hinman, Mr. Pearson.
Extracts from Superintendents' Reports, Mr. Phillips.
Music.....Watchman Tell Me.

The Y. M. C. A. have arranged a sociable for Wednesday evening, December 15. Mr. Conroe is the moving spirit and a fine program is promised.

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