

The Carlisle Arrow

A WEEKLY NEWSPAPER PRINTED DURING THE SCHOOL YEAR BY THE STUDENTS OF THE CARLISLE INDIAN SCHOOL

VOLUME XII

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DOMESTIC SCIENCE IN PUBLIC EDUCATION.

It is a fact abundantly authorized and generally known that Victoria Guelph, who was Queen of the United Kingdom and Empress of India, was ambitious and determined that each of her daughters should be skilled in cookery and needle work. "Every woman," she declared, "especially if she hopes to be a wife and in charge of a household, should know how to cook and sew, be proficient in those accomplishments"—for she regarded them as accomplishments, in the best sense of the word, and all her daughters were carefully instructed to that end. Victoria was a good and wise woman and ruler, and no wonder the British people loved and honored her as they did.

The wisdom of this time and country has not improved on the maxim of the great Queen. Several hundred young girls of Waco bid fair to become expert cooks, needle-women versed in what is called "housework." That grows out of the common sense and wise forethought of the board of school trustees of this city. The board has made domestic science a leading branch of study in the Central High School, the grammar school, and some of the district schools. It would surprise the average man, it would delight the average woman, who is also a good housewife (the kind of women men like to win as wives) to go to, let us say the Central High School, for example, and see what classes there can do, are doing, in the way of cooking and sewing and general "housework." What treasures those girls will be in years ahead if some of them or all of them shall decide to wed and preside over happy homes for the lucky men who win them. Domestic science knowledge is essential to proper appreciation of the responsibilities that will come to most young women—that the girl of wholesome mind naturally expects to realize.—*Waco (Texas) Tribune.*

FORD "ORIGINAL AMERICANS."

One of the most interesting groups among the more than 25,000 employes of the Ford factory at Detroit is the body of twenty-five students from the United States Indian School, at Carlisle, Penn. They represent fourteen different tribes coming from thirteen different states.

Eight are Chippewas, namely—Joseph Gilman, Edward and Joseph Morrin, Henry and Fred Broker, Xavier Downwind, Otto Thunder and Leslie James. All, while at Carlisle, worked faithfully at their respective trades and made good and all but the last two named have been prominent in athletics. Edward Morrin and the two Brokers hold Carlisle diplomas. Gilman has been one of the most promising Carlisle representatives. He holds two records

to date. He broke the Ford record for assembling and he was the first Carlisle man to get married.

The boys representing the Eastern States are Clement Hill and Francis Kettle from New York, Everett Ranco from Maine and Zephania Simon from Massachusetts. Hill and Simon were employed at the school as dairyman prior to their coming to Detroit and both made excellent records. Ranco has measured up to the best of the Carlisle boys.

The boys of the far West are Peter Calac, Norman Thompson, and Philip Welmas, all from California. Calac and Welmas belong to the tribe of Indians described in "Ramona." They have been prominent in football, having played on the 'Varsity team four years. Calac was captain of the team last fall.

The two Oneidas from Wisconsin, Fred and Ben Skenandore, coming from a tribe which knows no annuities and whose members have had to work hard from childhood. Consequently Fred and Ben are among the hardest and best workers at the Ford factory.

The Sioux tribe is represented by Francis Eastman, another Carlisle graduate, and Charles Blackbird, from Dakota, both quiet and industrious young men.

The two Winnebagoes from Wisconsin, Chauncey White and William Hall, are faithful, conscientious students and workers.

August Looksaround, a Menominee, is not only a good student and a good workman but a star football player and a fine musician.

A Pottawatomie, Grover Martell, a Flathead, Louis Palin, and a Pueblo, Henry Herrera, complete the number. Palin returned all the way from Montana to Carlisle last summer at his own expense so that he might get a job at the Ford works. His chance came in December.

These Indian students are splendid types of the Ford workman, and have proved themselves worthy representatives of their alma mater and of the principles which the United States Government has inculcated through its courses.—*Ford Times.*

GENERAL NEWS NOTES.

Since spring is here, Clara Archambault spends much of her time sewing and forgets to go to meals.

The question most popular at the Girls' Quarters at the present time is, "Are you going to the country?"

The vocational girls are disappointed because their domestic science lessons have been limited to one a week.

The moving of trunks in the Girls' Quarters more than gently reminds us that it is almost time for the April country party to leave.

COMING EVENTS

- Saturday, March 18.—Games, etc., in Gymnasium, 7 p. m.
 Saturday, March 25.—School Sociable.
 Saturday, April 1.—Illustrated Lecture.
 Saturday, April 8.—Band Concert, 7 p. m.
 Saturday, April 15.—Games, etc., Gymnasium, 7 p. m.
 Saturday, April 22.—Joint Entertainment, all Literary Societies.
 Saturday, April 29.—School Sociable.
 Saturday, May 6.—General meeting, Auditorium.
 Saturday, May 13.—Final Band Concert.

THE BAND CONCERT.

By W. A. Eshelman.

On the evening of March 11th there occurred in the school auditorium a band concert under the leadership of Mr. George F. Tyrrell. Following was the program:

1. March—Fighting 10th.....Tyrrell
2. Overture—Royal Pageant.....Barnard
 Encore—Dixie Rube.
3. Trio—Vision.....Hayes
4. Quartette—Virginia Bay
 (Alta Printup, Mary Welch, Boyd Crowe, Henry Sutton.)
5. Cornet Solo—Gloriana.....Barnard
 (Soloist, James Holy-Eagle.)
6. Gavotte—Heart's Delight.....Warren
 Encore—Jolly Coppersmith, with vocal and anvil parts.
7. Selection—The Sunny South.....Lampe
 Encore—The Trumpeter's Dream.
8. Chimes Solo—Church Parade.....Arr. Tyrrell
 Encore—Chimney Rag.
 (Soloist, Miss Roberta Seneca.)
9. Quartette—Dixie Kid.....
10. Characteristic—They Did and They Didn't.....Dalbey
 (This piece was characteristic in that it represented a band strike, but as the strains from "Auld Lang Syne" pealed forth the band returned to their posts and resumed their musical duties)
 Encore—Big Chief Battle Axe.
11. Star Spangled Banner.

The troops marched out to the tune of Zacatecas. The concert was unusually entertaining and especially the chimes numbers, in which Miss Seneca did much credit to herself, and the vocal selections from the quartet. We have all concluded that the band is doing exceptionally fine work this spring.

Lecture on Birds.

Friday evening, March 31st, Mr. Roy Young will give a lecture on birds, using a violin to illustrate their habits of song. This lecture will begin at eight o'clock. The following evening, Mr. DeHuff will give a talk on "Our Native Birds," illustrated by about a hundred lantern slides.

Capricious Spring.

Wednesday morning: The ground hog is still getting in his deadly work. One day he makes us say positively that spring is really here, the next day he makes us doubt it, and the next he convinces us that it isn't. Sunday, robins and bluebirds were chirping all about the campus. Monday was as fine a spring day as one could wish for, the temperature went up to nearly 60, and things actually began to grow; yesterday the sky lowered and the ther-

момeter hugged the freezing mark all day; and this morning—well, last night it rained, and then early this morning, the rain turned into sleet, and at this writing snow is falling with a snowiness that is really fierce.

PROTESTANT MEETING.

By Andrew E. Connor.

The meeting was conducted by Bessie Hall, and was opened by the singing of hymns, after which the Scripture was read by Sara Fowler. It was taken from the tenth chapter of Proverbs. Then came a delightful piano solo, which was given by Roberta Seneca.

The subject for the evening was, "Causes for Failure in Life." Messrs. Leader, May, Blythe, Jackson, Sutton, and Clevett gave some very useful and interesting talks on the subject.

These talks were followed by a talk by Mr. Lipps.

The meeting came to a close by the repeating the Lord's Prayer.

CHARLES DUNCAN.

On Thursday, March 9, Charles Duncan was called from this world. He died at the school hospital at 10.30 o'clock a. m. Charles was a Cherokee Indian from Union Agency, Okla., and was enrolled here on April 24, 1914. Last fall he was appointed officer at the Small Boys' Quarters and held the position and discharged its duties faithfully to the end. He was taken ill with pneumonia only about a week before his death. He leaves a record which few will be able to surpass.

The body was sent to Oklahoma for interment.

BANQUETED AT SHERMAN INSTITUTE.

Superintendent and Mrs. Conser entertained with a dinner at 6 o'clock Friday evening in honor of General and Mrs. Pratt, who are spending the week-end as their guests. General Pratt was the founder of the famous Carlisle Indian School. He has not been connected with Indian school work for several years, but he has the same fondness for the Indian, and that same sympathy and interest in his welfare, that prompted him to convert a military fort and prison into a school for the education and uplift of the Indian.

The dining room was decorated in purple and gold, the school colors, and little Indian tepees, on which were painted many Indian characteristics, served as favors. The guests were all former Carlisle students or employees when General Pratt was superintendent there, with the exception of Mrs. Baker and Mrs. Dean, house guests of Mr. and Mrs. Conser. The others were Mr. and Mrs. Scholder, Mr. and Mrs. Lubo, Mr. Wheelock, Mr. Porter, Mrs. Canfield, Mrs. Ewbank, Mr. and Mrs. Conser, and General and Mrs. Pratt.—*Sherman Bulletin.*

Russ Bros.'s Ice Cream on sale at Indian School Restaurant. Supplied in any quantity.

CALENDAR "DETAILS."

To Visit Literary Societies Tonight, March 17th.*Susans*:—Miss Roberts and Miss Williams.*Mercers*:—Miss Bender and Miss Hagan.*Standards*:—Mr. Peel and Mr. Boltz.*Invincibles*:—Miss Rice and Mr. Shambaugh.**To Visit Literary Societies One Week from Tonight.***Susans*:—Mr. Meyer and Mr. Gehringer.*Mercers*:—Mr. Denny and Mrs. Denny.*Standards*:—Miss Austin and Miss Wilson.*Invincibles*:—Miss Snoddy.**To Inspect Dormitories, Sunday, March 19th.**

(8.30 a. m.)

Small Boys and Annex:—Mr. DeHuff and Miss Bender.*Girls*:—Miss Robertson and Miss Rice.*Large Boys*:—Mr. Meyer and Miss Keck.**To Chaperon Girls to Sunday School, etc., March 12th.**

(9:00 a. m.)

Miss McDowell,

Miss Roberts,

Mr. Rocque,

Miss Beech,

Mr. Peel.

To Accompany Girls Walking Sunday Afternoon.

(4:00 p. m.)

Miss Reichel,

Mr. Reneker.

**TEACHERS' STUDY HOUR DETAIL FOR WEEK
BEGINNING MARCH 20th.**

Date.	Large Boys' Quarters.	Small Boys' Quarters.	Girls' Quarters
Monday, Mar. 20.	Miss Wilson Miss Roberts	Miss Bender	Miss Sweeney Miss Hagan
Tuesday, Mar. 21.	Miss Roberts Miss Donaldson	Miss Wilson	Miss Williams Miss Sweeney
Wed'sday, Mar. 22.	Miss Hagan Miss Bender Miss Williams	Miss Sweeney	Miss Roberts Miss Donaldson Miss Wilson
Thursday, Mar. 23.	Miss Hagan Miss Bender Miss Williams	Miss Sweeney	Miss Roberts Miss Donaldson Miss Wilson

THE PRINT SHOP.*By H. P. Sutton.*

The introduction of the vocational movement into education, coming as rapidly as it has in the past few years, has had much influence on school affairs throughout the country. Although this movement is not altogether new at Carlisle, the system of teaching vocational subjects here has been somewhat revised. Certain shops are reserved for students in the vocational classes, one of which is the Print Shop. The Print Shop is among the most interesting and instructive shops on the grounds. In this shop the Carlisle *Arrow* is printed weekly and the *Red Man*, a magazine, is printed monthly. Both editions are a credit to the school and to the apprentices who perform the necessary labor in printing them.

This shop is housed in a building of its own. It is of goodly proportions; still, almost every square foot of floor space is effectively utilized. Among the first things a person will notice on entering the main room is the row of printing presses, ranging in size from the small job press

to the large and complex cylinder press. Upon closer observation he sees a folding machine, a large power paper cutter, a stitching machine, perforator, and other smaller accessories. Walking toward the north end of the building the visitor passes between rows of type cases and tables at which apprentices are actively engaged in performing the duties of their chosen trade. Upon nearing the north end a somewhat louder noise attracts the attention of the visitor, but upon closer inspection it is found that the necessary noise is issuing from the Monotype casting machine, a wonderful and complex invention and a labor and time-saving machine. Connected with this machine is the Monotype keyboard; together they are almost essential to a well-equipped printing establishment, and their installment in this shop has greatly facilitated the work.

If the visitor became more intimate with the apprentices he would find Donald Brown and Judson Clairmont doing job and press work or at the stone making-up *The Arrow* or *Red Man*; Marion Paris or Donald McDowell at the Monotype keyboard, a place where accuracy is imperative; Joseph Helms and George Warrington at the Monotype casting machine, which requires accurate manipulation. Joseph Helms is contemplating going to the Monotype factory in Philadelphia soon to complete his course as a Monotype casting machine operator. The visitor would find Max LaChapelle or Earl Wilber doing proof reading, which calls for close observation and necessitates explicit markings; Francis McMahan doing job and press work and stock-cutting; George Tibbetts at work on hand composition; Charles Roe doing work in all departments of the trade. This student is credited with the work on the blotters that have been put out by this shop for February and March. These blotters are fine specimens of artistic printing and make-up, for as well as serving as a blotter on a large desk they contain the calendar of the month and the important events that are to take place during the month. Upon these blotters are printed many good quotations that are constantly before the eyes of the user and this makes them of some educational value. If the visitor should then pass into the mailing and folding room he would find Wilber Anderson, Richard Boles, Josephus Seneca, Jose Prado, and Harold Francis all hard at work at this division of the trade, or if not thus occupied, then at work on hand composition. At the cylinder press he would find James H. Eagle doing a large share of the cylinder press work and Robert Warrington as his interested helper, who is fast learning the way in which the press is run. Kiutus Jim and William Edwards, who are newcomers in the shop, would be found doing odd jobs and learning rapidly the intricacies of the type cases. The printers have been without the services of John McDowell for some time. He has been on the sick list off and on, but expects to return to regular attendance at the shop within a short period.

The March *Red Man*, which will be out early next week, is a large and special edition, featuring "Saving Indian Babies." Besides the regular routine work, the printers have just completed the printing of 150,000 envelopes.

The Print Shop is well equipped with material and machinery and it affords a wonderful opportunity to a student who wishes to follow this trade.

The Carlisle Arrow

Issued Fridays from the Carlisle Indian Press
About ten months in the year.

SUBSCRIPTION, 25 CENTS YEARLY
IN ADVANCE.

Address all communications to the paper and
they will receive prompt attention.

Second-class matter—so entered at the Post-
office at Carlisle, September 2, 1904.

KEEP YOUR NERVE AND DO NOT WOBBLE.

*Being a Little Preachment to the Carlisle Students
by the Superintendent.*

Most failures in life are attributable, directly or indirectly, either to lack of courage to overcome difficulties, or to the lack of steadfastness of purpose, or to both. How often do we have students come to us and give their solemn promise that they will make good if given another chance only to fall again at the first temptation? How many times have we assisted, trusted and vouched for young men and women and then have them disappoint us and scatter all our fond hopes and expectations to the wind? And all because they lost their nerve and wobbled.

It takes courage to win victories, else they are not victories. It requires nerve to endure the jibes and taunts of those of our associates who, being without high aims and ambition themselves, have little regard for those who are striving to keep their records clean and make the most of their opportunities. The boy who stands up and leads the Sunday evening service, thereby placing himself in the position of one who points the right road for his fellow students to follow, and then sneaks out the next week and violates the rules of the school, lacks nerve. The student officer who dons his uniform and proudly marches past his teachers and fellow students, admired by all as he leaves the school campus, and then as soon as he is safely out of sight, puts a cigarette into his mouth and brazenly parades the streets of the town, a walking advertisement of "Fatima"—that fellow lacks nerve. Nay, he lacks more than that; he lacks principle. Such a fellow will bear watching. Any fellow who does not possess sufficient nerve to boss "Johnson" is doomed to be bossed by "Johnson." That "Johnson" is your other self. Get right after him and make him come to time. Unless you do, he will sooner or later discover that you are a coward and have no nerve.

And oh, those wobbly fellows! How they do try our patience! "They're uncertain in the morning; at noon, their sailing's plain; 'bout five o'clock, they're wobblin' off again. They're up and down and sidlin', they're this way, then they're that, 'till betwixt their deviations they can't tell where they're at." They join the band, first trying one instrument then another until they have tried

them all, and learned to play none. They no sooner get started in one course than they come to you with dejected countenance and pitiful plea and try to impress you with the idea that they are entirely unsuited for it, but that they have always had a keen desire, yea, an ineffable longing, to take up some other course. Perhaps their wishes may be granted, but in a few weeks the novelty of the new work has worn off and they come to you again filled with visions of great possibilities in some other line of endeavor. Perhaps, after you think you have a young man of this type well settled in some definite and well chosen course, he may come to you and tell you he has decided to go to business college, take piano lessons, or become a lawyer. This is usually the straw that breaks the camel's back.

This changing from one aim to another, from one course to another, is not only a serious waste of time but it cultivates restlessness and the wanderlust spirit. Select your course carefully and thoughtfully and then stick to it until you complete it. There must be fixedness of purpose as well as continued effort if we would accomplish anything worth while. We must keep our nerve and not wobble.

"Shoot above the crowd, boys,
Brace yourself and go!
O, let the wobbling tired lad stay
To hoe the easy row.
Fame is at the top, boys,
Waiting there until
Brains and pluck and self-respect,
Have mounted up the hill."

HUMAN FAILINGS THAT KEEP MEN OUT OF A JOB.

In the *March American Magazine* is an interesting article by Hugh S. Fullerton entitled "Getting and Holding a Job." In it we are told about new scientific methods used by advanced concerns for determining the fitness of prospective employees.

"The chief reasons workers do not hold their jobs," says Mr. Fullerton, "lie in lying, drinking, vicious habits, laziness. But two other classes are responsible for a large percentage of office changes. These are the shifters and the wanderers.

"The shifters are the fellows who are dissatisfied with any job after they have held it for a time and those who have not yet discovered their proper places. These are not wanted anywhere.

"The wanderers are a smaller class of restless ones who move from city to city. They are tramps of business like the now extinct tramp printer. The class is larger than anyone outside business would imagine. Some of the cards on record at some of the offices where the Employers' Advisory idea obtains show that men have worked in Yokohama, Sydney, Singapore, London, New York, Denver, San Francisco, and Chicago in six years, and the expert, glancing over such a card, merely says: "What is the use? He will be in Boston or Tierra del Fuego next year."—*Dayton (O.) Herald.*

Alumni Department Notes

Martin Archiquette, Class 1891, now superintendent and special disbursing agent at Grand Portage, Minn., was an interested visitor last week. It has been twenty-three years since Mr. Archiquette left Carlisle. Twenty years of this time he has spent in the Indian Service in different capacities, teacher, disciplinarian and band-leader, clerk, assistant supervisor of employment, and now superintendent. He has always been strictly loyal to Carlisle and has been active in putting forth the opportunities offered here to boys and girls in the West who have later been induced to come here. Mr. Archiquette was much pleased with the improvements made since his time.

Mrs. Emily Peake Robitaille, Class 1893, who was until recently the Alumni secretary here, is now located at 920 F Street NW., Washington, where she conducts "The French Shop." She will handle sample suits, dresses, and waists.

Joseph Gilman, with headquarters at 1519 Fourth Avenue South, Minneapolis, Minn., is now on the road as salesman for the Ford cars. He says: "I have to compete with fourteen other salesmen, but I intend to make them go some."

Alonzo Brown, Class 1909, now located at 2429 Brown Street, Philadelphia, writes: "I am getting along real well working at heater and range work. I expect to make Carlisle a visit in the future as my council, The Sons and Daughters of Liberty, are going to visit Molly Pitcher's grave."

Carlisle Alumnus to Wed.

Invitations have been issued to the marriage of Miss Marie Bulah Kyme and Mr. John Bernard Farr on Thursday, March 16th, at Toledo, Ohio. After their marriage the young couple will reside in Detroit, Mich.

Following his graduation from Carlisle in 1908, Mr. Farr spent several years working in an architect's office in Harrisburg and studying at Conway Hall. In 1912, he entered the University of Pennsylvania, where he completed the two-year course in architecture. Mr. Farr is exceptionally ambitious and energetic, and his future success in his chosen profession seems assured. His many friends in Carlisle extend their hearty congratulations and best wishes for a happy married life.

Two Chippewa Indians Take Farm Short Course.

Two Chippewa Indians are taking the short course in agriculture this year. One of them, E. A. Bresette of Bayfield, finishes the two terms of fourteen weeks each in March. The other, James M. Welch, of Spooner, is a

first-year student and has another winter term ahead of him.

Both of the boys were born on farms and, like their ancestors, are fond of the outdoor work and recreation. Bresette is especially interested in dairying and promises to share in the coming dairy future of upper Wisconsin. Welch is a live-stock man and is putting in his time studying the various breeds of sheep, horses, and swine.—*Clipped from a Madison, Wis., paper.*

OUTING NOTES.

The following is the kind of a letter which shows ambition and growth. It comes from one of our girls now under the outing.

Dear Mr. Lipps:—As my term of enrollment expires this coming June, I would like to go home and visit my people before I enroll again.

Our school out here does not close until the latter part of June, and if it will be alright I would like very much to remain out here until the close of school, or until the final examinations are given.

I have spent a very pleasant winter with Mrs. Taylor. She has been taking girls from Carlisle for many years, and I think she understands our nature and knows just how to treat us. Mrs. Taylor has been very kind to me and has tried in every way to make everything pleasant and has helped me to become greatly interested in all my work. I have tried to do my work well, both in the home and at school, and I hope that I have not been a burden to Mrs. Taylor. I am sure I have profited in many ways while under the outing this winter.

I often get lonesome for dear old Carlisle, but I realize that I have my own way to make in the world. I cannot always be under the protection of Carlisle, and while I have the opportunity of getting a higher education, which will enable me to get a position when I do go out in the world for myself, I think I ought to grasp that opportunity and "Get ready," as General Pratt has said.

I was very glad to have you visit the West Chester High School, and I hope that you will come again. I enjoyed your visit very much. Mr. Lipps, I know that you are the friend of the Indian and I wish you success in all your undertakings. I sincerely hope that the day will come when I will be able to do something for the uplift of my race.

Trusting that you are all well, I am,

Very truly yours,
MARIE BELBECK.

GENERAL NEWS NOTES.

Already we can hear the robins chirping, so we know that spring is here.

The third-year vocational girls took their first test in geometry last Monday.

Josephus and Victor Seneca were visitors at the Mercer Society last Friday evening.

Wilfred Eshelman's little sister Daisy joined the Susans' Society last Friday evening.

DOMESTIC ART DEPARTMENT.

Lecture and Demonstration for the Week Ending
March 18, 1916.*Pre-Vocational and First Year Vocational.*

Monday, March 13th—

Lesson in patching:

- (a) hem patch.
- (b) flannel patch.

Tuesday, March 14th—

Sewing and using the attachments.

Wednesday, March 15th—

Night gowns:

- (a) kinds of material.
- (b) different styles.
- (c) how to get pattern and amount of material.

Thursday, March 16th—

Same as Tuesday.

Friday, March 17th—

Review.

Second and Third Year Vocational.

Monday, March 13th—

Remodeling garment.

Tuesday, March 14th—

Sponging and shrinking.

Wednesday, March 15th—

Equipping a sewing room.

Thursday, March 16th—

Same as Tuesday.

Friday, March 17th—

Review.

Third Year Vocational.

Monday, March 13th—

Dressmaking.

Tuesday, March 14th—

Drafting.

Wednesday, March 15th—

Designing a skirt pattern.

Thursday, March 16th—

Renovating old materials.
Millinery.

Friday, March 17th—

Lecture on the pin.

Saturday, March 18th—

"Your duty to your mother when you return home."—Lecture by Amy Smith.

THE BLACKSMITH SHOP.

By H. P. Sutton.

Probably one of the most interesting sights to be seen in the school shops is in the blacksmith shop during work period. With the forges flashing their tongues of flame and casting a weird illumination about the walls of the shaded shop, and with countless sparks shooting from a piece of red hot metal as it is rounded into form by the hammer of the never-tiring smithy, and with the musical clanging of the resounding anvil, not unlike the harmonic chorus from "Il Trovatore," and with the hurry and scurry

of the industrious lads in their pursuit of mechanical knowledge, one concludes that it is a worth-while shop after all. Unlike the village blacksmith shop of historic fame, this shop is not visited by the school boys on their way home from their classes, but is filled with school boys who, with ability and purpose, are developing brain and working power along lines of technical knowledge.

Classes are held every Saturday morning in the lecture room of the Mechanic Arts Building, where the apprentices are tested in what they have learned during the week. The first questions that are asked of an apprentice after being in the shop for a week are as follows:

What kind of coal is used in forging?

Name and describe the different kinds of hammers.

Name and describe the different kinds of tongs with which you have been made familiar.

When punching a heavy piece of metal, how is the tool prevented from sticking fast?

How many different operations are used in forging? Name them.

Is a weld as strong as the original unwelded bar?

How should scarfs be placed in the fire; and why?

Name the different kinds of scarfs and welds; which is considered weakest; why?

What is meant by the carbon contents of steel?

Explain the cause of fire cracks; how can they be prevented?

If steel is overheated or burned, what is the effect?

Why should steel never be left in the fire to soak up heat?

What is annealing? Describe the methods of annealing.

Are the forging and hardening heats the same?

Describe the proper construction of a pair of tongs.

What sort of steel should be used in making lathe tools?

What is the color of temper?

If they were tempered to a blue would they be tempered harder or softer?

Explain the difference between tempering a cold chisel and tempering a lathe tool.

Describe the shapes of the hot and cold cutter.

How should they be tempered?

How should measurements be made on stock to be bent?

Russ Bros.'s Ice Cream on sale at Indian School Restaurant. Supplied in any quantity.

GENERAL NEWS NOTES.

Belle Peniska has been promoted to the advanced dress-making class.

Fifteen Catholic girls received communion Sunday morning at St. Patrick's Church.

The boys who are interested in outdoor sports are faithfully getting out for practice.

George F. Merrill is an able soloist, as he can now play the cornet, alto, and trombone, the latter being an instrument that takes patience and practice to learn.

David Bird, Jesse Wofford, and Kiutis Jim gave very interesting and helpful talks to the large boys at prayer formation Sunday evening.

ENROLLMENT STATISTICS.

	Boys.	Girls.	Total.
Pupils on campus.....	325	179	507
Outing.....	95	72	160
On leave.....	0	0	4
Deserters.....	1	0	1
Total on rolls March 13.....	421	251	672

THE GREENHOUSE.

By Leon A. Miller.

We were given the following ten questions for our test for February.

1. Describe market gardening and the most popular crops.
2. The location of a garden.
3. The soil best suited for a garden.
4. The advantages of a sandy soil.
5. Advantages of tillage.
6. The name of a scale insect and the remedy for it.
7. Remedies for slugs.
8. Name the most important greenhouse diseases.
9. The control of thrips.
10. Remedies for red spiders.

Our detail now consists of eleven boys.

We are beginning to sow seed for ornamental plants and for vegetables.

We have potted about a thousand cabbage plants and a thousand tomato plants. They will be grown in the greenhouse until time for transplanting.

We expect to grow 10,000 celery plants this year.

A part of the garden has been manured for the early crops.

On account of the late stormy weather we had to stop pruning, but we hope to continue soon.

We are anxious for warm weather in order to accomplish our spring work.

We had a chance to bud several lemon trees with orange scions, and we hope to obtain lemons and oranges on the same tree.

GENERAL NEWS NOTES.

Through a letter to a friend we learn that Mary Martin is at home helping her mother.

"As the moon reflects the light of the sun, that makes it shine, so will thought reflect every lost minute of time."

Mr. Denny has secured a baseball outfit, and a good team is expected to represent the Small Boys' Quarters this coming season.

The Y. M. C. A. had the pleasure of a visit from Francis P. Miller, an international secretary, last week. He spoke at the Sunday afternoon meeting and at a cabinet

meeting at 8.30 p. m. All of his remarks and suggestions were timely and the boys are always glad to hear him.

Miss Daisy Eshelman arrived last Wednesday from Pawnee, Okla., and has been admitted to the third-year class.

David Bird and Jesse Wofford left for Detroit Tuesday to join the Carlisle Indian colony at the Ford automobile works.

The Standards are eagerly waiting, with green neckties, for the Mercer program which is to be given in their honor this evening.

The Protestant meeting was very interesting, as four of the boys spoke on the subjects of failure in business, selfishness, drunkenness, and timidity.

Sunday morning after church the band boys entertained the boys with a concert. One of the selections rendered was "The Lost Hope" by Gottschalk.

The band concert given last Saturday evening was enjoyed by all who were present. Each concert shows marked improvement in all parts of the band.

The "even" section of vocational boys are sorry to lose one of their most popular classmates, David Bird, but their hope is for David's success in his new line of work.

Harold Bishop, a former student, is located at Canal Zone, Panama. He has been with the United States Army there for the past two years and he enjoys the life there very much.

The third-year vocational students took their final examinations in algebra Friday. Joseph Helms, Arnold Holliday, Ralph Tourtillotte, Edwin Miller, and Jesse Wofford, having an average of over 90, were excused.

Last Saturday, Dr. Rendtorff took Callie Wolfe, Jesse Welch, and Stancel Jumper to their homes in Cherokee, N. C., owing to their illness. He will be absent for about a week. The students hope that the change of climate may hasten their recovery.

In last week's *Arrow* mention was made that Miss McDowell had left for Conneant, Ohio, to be with her aged father, who was very ill. Word has come that Mr. McDowell passed away only a couple of hours before Miss McDowell left Carlisle.

A correction.—An item to the effect that Lucy Redfeather, an outing pupil, had been promoted to the sixth grade recently appeared in *The Arrow*. This is an error. Lucy is not in the sixth grade. Owing to operations, grippe, and sore feet, she has lost much time in school, and therefore has not been eligible for promotion.

Mr. and Mrs. Denny entertained at dinner on Saturday evening the following people: Misses Sadie Metoxen, Rose Beauregard, and Anna Boyd and Messrs. Welch, McGillis, and Rocque. The dinner consisted of fruit cocktail, wild rice soup, chicken, mashed potatoes, sweet potatoes, baking-powder biscuits, coffee, and ice cream.

"ALWAYS REMEMBER THAT THE BOSS CAN'T PROMOTE YOU.
YOU HAVE TO PROMOTE YOURSELF."

STANDARD LITERARY SOCIETY.

By Joseph J. Sumner.

The Standards assembled in their hall at the usual hour Friday evening. After the roll call and the singing of the society song, a selection was given by the Standard Orchestra. Names presented for consideration were Andrew Connor and Ray Komah.

The newly selected officers were initiated, and presided for the evening. The retiring president and secretary each gave a short talk. The newly elected president, Joseph I. Helms, also made a short inaugural address, and the following program was then rendered:

Declamation—Francis Auge.

Essay—John Ortego.

Impromptu—George Cushing.

Biographical sketch of Beethoven—George Merrill.

Debate.

Resolved, That unpaid convict labor should be abolished in the United States.

Affirmative—Fred Fleury and Charles Sutton.

Negative—Wilford Eshelman and Robert Geronimo.

The house was opened for general debate. The following members responded: Edwin Miller, Henry Sutton, Dennis Thomas, and Homer Lipps. Another selection was given by the Standard Orchestra.

After the critic gave his report, the judges, who were Homer Lipps, Theodore Bellefeuille, and Charles Roe, gave their decision in favor of the affirmative.

MERCER SOCIETY.

By Mary Horsechief.

The meeting was called to order at the usual hour by the president. Roll was called and each member responded with a quotation. After the usual transaction of business, the following program was rendered:

Song—Mercers.

Anecdotes—Cornelia Eastman.

Essay—Eliza Barrard.

Vocal solo—Amy Smith.

Recitation—Minda Hill.

Biographical sketch—Clara Archambault.

Legend—Flora Peters.

Impromptu—Belle Peniska.

Piano solo—Ora Robitaille.

Recitation—Blanche Archambault.

The official visitor was Miss Wilson; others were Mr. Kirk and Miss Donaldson, the advisory member.

Mr. Kirk gave the society some very good advice.

At the previous week's meeting, report of which was crowded out of last week's issue, the following officers were elected:

President—Roberta Seneca.

Vice-President—Lucy West.

Recording Secretary—Jane Gayton.

Corresponding Secretary—Mae Lavadore.

Treasurer—Mary Horsechief.

Marshall—Mary Ann Cutler.

Reporter—Mary Lonechief.

Critic—Mary Welch.

SUSAN LONGSTRETH LITERARY SOCIETY.

By Rhoda Fobb.

The house was called to order at the usual hour by the president. Each member present responded to roll call with a quotation from Shakespeare. Daisy Eshleman's name was handed in for membership in the society. The minutes of the previous meeting were read and the following program was rendered:

Song—Susans.

Piano solo—Sara Fowler.

Recitation—Hattie McFee.

Piano solo—Margaret Raiche.

Anecdotes—Relia Oshkosh.

Recitation—Effie Coolidge.

Piano solo—Delight Lynd.

Vocal duet—Elizabeth Skenendore and Lizzie House.

Piano solo—Sarah Monteith.

Story—Leona Bonser.

Recitation—Martha Chaves.

Vocal duet—Mary Largen and Nellie Green.

Recitation—Rose Allen.

Piano solo—Josephine Printup.

Vocal solo—Lucy Ashland.

Indian story—Sallie Graybeard.

Recitation—Lizzie Allen.

Vocal solo—Miss Montion.

Reading—Hetty Feather.

Piano solo—Cecilia Hill.

Anecdotes—Margret Tarbell.

Recitation—Agnes Owl.

The visitors were Mrs. Ewing, Mae Lavador and Miss Montion. They gave some helpful remarks which we all appreciated.

THE INVINCIBLES.

By Turner Dwight.

The meeting was called to order at the usual hour by the president. After the usual opening and miscellany, the following program was rendered:

Declamation—Loyd Welch.

Essay—Simon Dwight.

Extemporaneous speech—Albert Pierce.

Select reading—Donald McDowell.

Oration—Obed Axtell.

Debate.

Resolved, That the proposed plan for the national defense is for the welfare of the United States.

Affirmative—Boyd Crowe and Wilson Wyley.

Negative—Pablo Herrera and David Thompson.

As the second speaker on the negative side was absent on account of sickness, Donald McDowell volunteered.

The judges for the evening were Guy B. Dickerson, Louis White, and Lyman Madison. They decided in favor of the affirmative.

The house was then opened for general debate and the following boys gave short talks: John McDowell, Kiutus Jim, Nick Lassa, Clement Vigil, and Lyman Madison.

The visitors for the evening were: Miss Sweeney, Miss Reichel, and Mr. Duran. Mr. Duran gave a very good talk on "Preparedness."