

# THE ARROW

ART  
INDUSTRY  
SCIENCE

Publication of the United States Indian School, Carlisle, Pa.

Vol. I

THURSDAY, MAY 11, 1905.

No 37

## KNOCK

WHEN you find a man that's rising  
From the plane where once he stood  
One who shows a zeal surprising  
At doing something good,  
Don't cover him with praises—  
He might not bear the shock—  
Besides, such acts are crazes—  
Knock.

When you find a lodge man truly  
Fraternal at the heart,  
Do not laud him up unduly—  
You only know a part;  
He may be office seeking—  
A game you'd surely block—  
Be sure it's something sneaking—  
Knock.

When you find a wife that's loving,  
A husband that is true,  
Then remark that "turtle-doving"  
Seems quite absurd to you;  
Devote your time to sneering  
About the "good home flock,"  
At every word endearing  
Knock.

When you find a club that blesses  
Its home community,  
One that everybody guesses  
Is just what it should be,  
Don't join their senseless ardor  
But all their transports mock—  
Just grab your hammer harder—  
Knock.

When at last you cross the border—  
For cross it all men must—  
You'll find the Knocker's order  
With little pains, I trust.  
Go down through thorn and thicket,  
And mud and slimy rock,  
And there, at Hades' wicket,  
Knock. —Puck.

## TALK ON THE RAISING OF SMALL FRUITS

BY MISS BOWERSOX.

I am going to talk to you about the raising of small fruits. Last year I talked about raising apples and a great many of the same principles spoken of then may be applied to the raising of small fruits. I have on the board some of the principles which apply to all fruit culture:

- Home conditions
- Preparation of the soil
- Mulching
- Tillage
- Good stock
- Plant in early Spring
- Pruning
- Pick fruit dry

I can't speak to you about any one section of the country, because you represent almost every section from New York to

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WEEDING DETAIL.

Arizona. But here are a few general principles that apply to all sections.

The first thing to think about is to find out whether you are going to live near a market, then you can choose such fruits which will be best adapted to your purpose. The farmers at Carlisle have a good market, but if they wanted to raise acres and acres of raspberries they would have to send them to cities. If you live far away from the market it would not pay you perhaps to raise small fruits or soft fruits. It would pay better to raise apples or other fruit which would keep better.

Study the soil, and the climate; the land may be in such places where the soil would not be suitable. If you live in the southwestern region where you get those hot winds you will have to study what will be best to plant. In many places where the winters are long and cold the farmers lay the bushes on the ground, and cover the entire plant to protect it from frost.

Prepare your soil just as well to raise fruit as for any other sort of crop. Miss Cutter told you how to prepare it and why ploughing is necessary. Your soil must be fine. You learn a great deal about soil in your nature study and geography lessons. What kind of soil have we around here? Limestone clay. It is pretty stiff; you find it hanging on your shoes when you go

walking. Where your soil is very hard it would be well to plant clover and plow it under. This adds humus to the soil and keeps it moist.

By mulching we mean covering the surface to retain the moisture, and keep down the weeds. This also protects the roots from the severe cold.

By tillage we mean constant cultivation to keep the soil loose and fine. Select good stock. Buy plants from a grower in your vicinity, and the best you can get. He has the plants best adapted to your soil and climate in your section. If you live in the west do not send to the east for your stock. There are sections of the country where fall planting is alright; but it has been found better on account of our severe winters to plant in the early Spring.

In planting make the holes big, and deep enough to spread the roots, then pack the ground firm about the plant. Stamp it down. The fine roots must be in contact with the soil and for that reason florists and gardeners plant firm.

By pruning we mean shaping a tree or bush; so as to get sun light on all parts of the tree or bush; also to thin out the wood in order that the tree will bear better and finer fruit. We prune grape vines one way, and raspberries and blackberries another way. We must suit the pruning to the habits of the plant.

Pick your fruit dry when possible. I have seen farmers go out early in the morn-

ing and pick fruit wet with dew, put it in baskets, and by the time it stands a day or so in the heat it gets mouldy.

Raspberries and blackberries are brambles. They have thorns. I have seen a great many raspberry patches that were neglected after one year's fruiting because the place was overgrown with weeds and brambles. The soil need not be very rich. Set the plants in rows about 6-feet apart, and 4-feet between the plants. The soil should be cultivated every two weeks, keeping it loose and destroying all weeds and suckers. Pinch the end buds off the first year and cut canes back to 2 or 3 feet. Remove all old canes as soon as the fruit season is over leaving about five young canes to a hill to develop. Always pick the fruit every other day.

There are many varieties of both red and black raspberries, but the black caps are more hardy and easier to raise. Blackberries and raspberries propagate themselves by means of suckers—spreading rapidly. After four or five years a new place on the farm should be planted and the old berry patch can be used for something else. The average yield is 75 to 100 bushel an acre.

There is a Mr. Thayer, of Sparta, Wis., who has a fruit farm that is notorious all

(Continued on Last page.)

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A Paper Devoted to the Interests of the Progressive Indian, only Indian Apprentices doing the type-setting and printing.

# PUBLISHED EVERY THURSDAY

Excepting the last two weeks in August and Holiday week)

BY THE

INDIAN INDUSTRIAL SCHOOL,  
CARLISLE, PA.

PRICE:—Twenty-five cents a year, fifty numbers constituting a year, or Volume.

RECEIPT and credit of payment is shown in about two weeks after the subscription is received, by the Vol. and Number on the address label, the first figure representing the Volume and the other the number, to which you are paid.

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THE ARROW,  
INDIAN SCHOOL, CARLISLE, PA.

Entered as second-class matter September 2 1904, at the post-office at Carlisle Pa. under the Act of Congress

## PROVERB.

Labor is the great school-master of the race.

## MEETING OF DEPARTMENT OF INDIAN EDUCATION.

The Department of Indian Education will meet this year at Asbury Park and Ocean Grove, New Jersey, July 3rd to 7th, in connection with the annual meeting of the National Education Association. An interesting and instructive program has been arranged and it is hoped that their will be a large attendance of Indian school workers. A number of prominent educators will be present and their words of advice and encouragement will undoubtedly prove helpful and stimulating. The hours of meeting have been arranged so as not to conflict with the general sessions of the N. E. A., and teachers will have full opportunity of attending these meetings and those of several of the various other departments, from which they cannot fail to derive both pleasure and profit.

Asbury Park and Ocean Grove, with their healthful atmosphere and cool, refreshing sea breezes, are ideal places for such a gathering, and their proximity to New York City will enable employees to visit places of interest there and to attend the summer schools in the city and vicinity. The Columbia University has made special arrangements for a visit of the member of the N. E. A. to that well known institution after the adjournment of the meeting, and also the New York University.

Low railroad rates will prevail and special concessions in the way of stop off privileges are assured. The program, which will soon be issued, will contain full information as to railroad rates, hotel accommodations, summer schools, etc.

The Pacific Coast Institute will be held this year in Portland, Oregon, August 21 to 26, during the Lewis and Clark Exposition. The meeting of the Educational Congress will follow this institute, and arrangements have been made for teachers to attend its sessions.

The practical merchant anticipates his spring trade and places his order long before he desires the goods shipped and the manufacturer orders his raw material before he wants to use it. Has the farmer already studied out all his requirements and made the necessary preparations to insure a maximum crop? Has he put his soil in the best possible condition to secure the benefits of the spring rains and to enable him to get upon his land and plant his crop at the earliest practicable date? Deep preparation of the soil not only insures the storage of rainfall water, but enables the upper several inches to aerate and dry out quickly, thus facilitating early planting.—Journal of Agriculture.

Not many people are living who have not heard the expression, "I can put in the time some way." We mean that while we are waiting for some one or something we will be doing something or other, and we do not exactly know what, but that we will while away the intervening time in some fashion.

Did it ever occur to you that no one puts in time with a definite plan? At a railway depot the man who is "putting in time" walking up and down the platform, looking up the railroad track both ways, counting ties and telegraph poles, etc., is aimlessly occupying time. A strange minister at church is often solicited to "take up the time," and he puts in his time very similar to the man at the depot; he walks up and down his subject, looking both ways up the track and sees nothing coming.

The very expression itself begs the question and is an admission on the face of it that time is being put into something. The question is, into what is it being put? Evidently it is being put into a hole—the big, black, bottomless pit of vacuity. Nothing ever comes out of that pit, though hours of precious time often flow in. The pit of nothingness is one of the most greedy maws in the universe, and yet one of the least profitable. Time is far too valuable to be thrown in here. Time is one thing that man cannot make, or ever hope to make, but he has plenty of it at his command, whether he asks for it or not, whether he pays for it or not, or whether he uses it or not. But he has it only once; once that it is in his hands he must use it, or lose it; it is there, but not to stay; it is constantly on the move, like the sand in the hour glass. Though it is given most freely, paradoxical as it may seem, it is given most grudgingly—a second at a time, and not for a king's ransom a shred more than a second at a time.

More than that, time is an essential element of which everything else is made that has any value. It is the universal solvent sought by all the philosophers and inventors of the world. By wisdom and prudence it may be transformed into innumerable entities which are of incalculable value. No one would think of poking diamonds into a rat hole or dollars through a crack in the floor, and yet the same individual has been guilty of pouring precious time, by the hour, into this sea of oblivion. The only way to overcome this fault is to have a plan ready, because, as a matter of course, you will have no time to go after it when you need it.

Time is the most volatile and effervescent of all substances. You can put it into a book, an essay, a sermon, Sabbath-school lesson, prayer meeting topic, the Word of God, a letter of friendship or business, a plan for to-morrow, next week or next year.

The success of a man does not depend upon the hours between whistles or bells. Any business man is supposed to begin and quit on time and be faithfully and diligently employed during work and study hours, but success largely depends upon the use of the hours outside of the daily program or, in other words, success depends almost entirely upon how we "put in time."—Ex.

A press dispatch in speaking of the sensational train marriage of an Indian girl to an "eastern swell," says she is a graduate of Carlisle and speaks English, German, French and Italian fluently. Carlisle's course of study is certainly a good one. By the way the only conviction secured in the recent term of federal court at Sioux Falls was that of Spotted Bull a "Carlisle graduate" for horse stealing. The press reporter has not forgotten how to attach the term. "Carlisle graduate" whenever it is necessary to speak of the Indian of to-day. We will gladly present a copy of THE REVIEW, as published, for one year to any one proving either Spotted Bull or "Indian Princess" to have been in attendance at Carlisle at any time and we will make the subscription for life if either ever graduated.

—The Flandreau Weekly Review.

We thank you brother Pierce for the above. The Indian girl referred to is "Princess Chinchilla" a vaudeville actress whose son, Harry Cole, once attended this school. Neither Spotted Bull nor the "Princess" were ever students at Carlisle.

The most important factor in growing crops is soil moisture, says Farm Stock Journal. "Poor soil will grow good crops if water is supplied in just the right quantity at the right time, while the very best soil will produce nothing without water.

Although agriculture is hundreds of years old the minor details have received all or nearly all of the consideration of agriculturists up to the present time. The most important of all, that of the regulation of soil water has received the least attention.

Experiments on a large scale here and there with irrigation works in sections of the country where rainfall is supposed to be sufficient also have proved very profitable.

"The probabilities are that auxiliary irrigation works for extensive farming in the near future will receive the attention that it should. Of course artificial irrigation in rainy sections of the country on large farms in all probability will be out of reach for practical use. Throughout the thickly settled portions of the east and middle states, especially near large markets, such crops as strawberries, potatoes, cabbage, in fact almost all trucking crops could be grown under irrigation to advantage. In many places the cost of irrigation would be very slight as the water supply is now going to waste though small or large streams that could be run by gravitating to the land or lifted at slight expense by wind or power. The necessity of growing larger crops is becoming more pronounced every year. Experiment stations are working out problems in irrigation and sub-irrigation that are extremely interesting. In southern sections, where two or three crops may be grown on the same land within the year, returns would be better than in the north, where only one crop usually is grown. But some means for increasing the output of land on the smaller farms and in trucking districts must come soon.

"A great deal has been done of late years to conserve the natural rainfall with the result that better crops are grown simply by better cultivation. The habit of keeping the ground loose on top to prevent evaporation is growing and extending each year. The value of rotation to prevent a plentiful supply of humus also is recognized by better farmers everywhere. It is now well known that soil containing plenty of humus also contains sufficient moisture for the needs of all crops when rainfall is abundant. When the soil is very loose water is not brought up from below with sufficient rapidity to feed the roots of growing plants. In such soils probably no means of supplying moisture will be found until irrigation is tried. But other soils having a clay sub-soil and furnished with sufficient humus the moisture question is easier."

## "FIRST BOOK OF FARMING."

("The First Book of Farming," by Chas. L. Goodrich. Doubleday, Page & Co., New York.)

Charles L. Goodrich, "farmer," formerly instructor in agriculture at the Hampton Normal and Agricultural Institute, Hampton, Va., has produced a thoroughly practical handbook of farming for the beginner.

Text books of agriculture within the comprehension of the average young farmer are few and far between; but this volume gives the beginner a fundamental knowledge of how to conduct a farm with the least expense and the largest return. The book is well adapted to class instruction. It includes chapters on introduction of plants, roots, soils, relation of soils to water, forms of soil water, loss of soil water, soil temperatures, plant food in the soil, seeds, seed planting, spading and plowing, harrowing and rolling, leaves, stems, flowers, fertile soil, soil water, after cultivation of crops, farm manures, commercial fertilizers, rotation of crops, farm drainage.

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## DUAL MEET WITH DICKINSON

The Carlisle Indians celebrated their resumption of athletic relation with Dickinson Saturday afternoon by a victory of 69½ points to 34½ points in a dual track and field meet. The meet was held on the Indian field, and all the events except the distance runs were contested warmly. Mount Pleasant, Beardsley and Libby were easy the star performers. Mount Pleasant leaped 22 feet 11¼ inches in the broad jump, after winning the 100 yards in 10 2-5 and the quarter in 52 4-5.

The score:

100 yards—Mt. Pleasant, I., first; Robinson, Dickinson, second. Time, 10 2-5 sec

120 Hurdles—Libby, I., first; Saddler, D. second. Time 15 4-5 seconds.

Mile run—Beardsley, I., first; Snow, I., second. Time, 4. 42 2-5.

440 Yards—Mt. Pleasant, I., first; Standing, D., second. 52 4-5 seconds.

Two-Mile Run—Beardsley, I., first; Schrimpscher, I., second. Time, 10. 52 4-5.

220-Yard Hurdles—Libby, I., first; Hammond, D., second. Time, 27 2-5 second,

220 Yards Dash—Robinson, D., first; Denney, I., second. Time, 23 3-5 seconds.

880 Yards—Dunkeleberger, D., first; Two Hearts, I., second. Time, 2.03 3-5.

Shot Put—Exendine, I., first; Thomas, I., second. Distance, 37 feet 4 inches.

Pole Vault—Jude, I., first; Brown, D., and Doxtator, I., tied for second. Height, 9 feet 11 inches.

High Jump—Exendine, I., first; Parsons, D., second; 5 feet 7¼ inches.

Hammer Throw—Sweeley, D., first; Exendine, I., second; Distance, 22 ft. 11¼ in.

The game with Wyoming Seminary was played on Indian field last Friday. The only feature of this game was Brown's pitching, fanning out 10 men and allowing his white brothers only 4 hits in 9 innings.

SCORE.

Indians					Wyom ng Seminary											
	R.	H.	O.	A. E.		R.	H.	O.	A. E.							
Jude. lf.	2	2	1	0	1	Will'ghby ss	1	1	1	0	0					
Roy. rf.	1	1	0	0	0	Brader p,	0	1	5	4	1					
Mitch'l ss	1	1	2	1		Rust, c	1	0	1							
Nep'w 1b.	1	0	10	0	1	Mayock 2b	2	0	3	3	1					
Twin, 2b	1	0	1	0	0	Franc 3b	0	1	0	1	0					
Yung'r cf	0	0	0	0	0	Cross lf.	1	1	2	0	1					
Hend,ks 3b	0	0	1	1	1	Brown cf.	0	0	1	0	2					
Baird c	2	1	0	0	0	Herman is	0	0	1	8	1					
Brown p	2	3	10	6	0	De prf	0	0	2	1	1					
Totals,					10	8	24	9	4	Totals,		5	4	24	9	8

The Indians from Carlisle to-day avenged their recent defeat at the hands of Ursinus by in turn defeating them 5 to 4. The game was one of the most interesting ever witnessed on the home grounds. Up until the ninth inning Ursinus was two runs in the lead, but here a costly error and two well-placed hits brought the Indians three runs. Ursinus was unable to recover. The score:—

Ursinus.						Indians.					
	R.	H.	O.	A.	E.		R.	H.	O.	A.	E.
Price, c	1	2	8	5	0	Mitch'l, ss	1	2	2	2	0
Town'd, rf	1	1	0	0	1	Roy, p.....	1	1	4	0	0
Snyder, ss	1	0	4	1	0	Nephew, 1b	1	0	8	3	0
Palste, 2b	1	0	1	2	1	Twin, 2b.....	1	0	0	0	0
Far'ger, 3b	0	2	11	1	1	Young'r cf	0	0	0	0	0
Place, lf.....	0	0	0	0	0	Hend's 3b.....	1	2	2	0	1
Koer'r, cf.....	0	0	3	0	1	Baird, c.....	0	14	2	0	0
Fenton, 1b	0	10	0	1	1	Brown, rf.....	2	0	0	0	1
Mabry, p.....	0	0	0	3	0	Scho'l'r lf.....	0	0	0	0	0
Totals	4	5	27	12	5	Totals	5	7	27	12	1,

Two-base hits. Faringer. Price. Struck out by Mabry, 4; Roy. 15. Base on balls, off Mabry, 1; off Roy. 3; Hit by pitched ball Brown, Hendricks, Umpire, Griffith, of Norristown. Time, 1.30.

Two-base hits, Faringer. Price. Struck out, by Mabry, 4; Roy, 15. Base on balls, off Mabry, 1; off Roy, 3; Hit by pitched ball Brown, Hendricks. Umpire, Griffith, of Norristown. Time, 1.30.

➡ We lost to Dickinson yesterday in a loosely played game. There was a drizzling rain during the game which helped to detract from good playing. Batting order:

Indians		Dickinson	
Jude lf		Davis 1b	
Mitch'l ss		Simpson c	
Roy 1b		Lininger 2b	
Nephew p		James lf	
Twin 2b		Long rf	
Yungdr cf		Crutchly cf	
Hendrk 3b		J Simson ss	
Baird c		Single 3b	
Brown rf		Spencer p	

Score: Indians 7, Dickinson 11.

Nephew struck out 4 men and let 8 men walk while Spencer of Dickinson struck out 4 men and let 1 man walk. Our weakest point seems to be in the outfield. More strenuous practice in getting under the ball when its up in the air will have to be done by our fielders.



## Miscellaneous Items.

- Fine Weather.
- Croquet has started.
- Tennis is very popular.
- Work is being pushed on the new hot-house.
- The Painters are busy with the teachers quarters.
- The Tinnars are busy repairing and painting roofs.
- The trees that were planted last Arbor day are looking fine.
- Charles F. Surret is working at the near farm, and is already getting brown.
- Titus Whitecrow writes that he expects to return some time in the near future.
- Many good reports are being received from the boys and girls in the country.
- In a letter to a friend, Chas. D. Ross, says that he is getting along very nicely.
- The Sewing Room force is very busy getting out summer uniforms for the girls.
- The Freshmen class are going to have a musical entertainment on Thursday night.
- Jacob Taylor in a letter to a friend says he is enjoying country life at Light Street, Pa.
- Louis Paul and Abram Hill played their first game of tennis. Louis made several "home runs."
- Mr. Gansworth, boys' field agent, and Miss Gaither, girls' field agent, are visiting students who are out.
- Miss Albert's Sunday School class had their picture taken by Mr. Canfield last week. They are very anxious to see it.
- Elmer Durnin of Carlisle was convicted in the Federal Court at Harrisburg last week for giving whiskey to one of our boys.
- The members of the Freshmen class, are reading the biography of Andrew Jackson, and they find that it is very interesting.
- Mr. Zeigler, our Harnessmaker, has returned from Chicago where he went to inspect leather and other government supplies.
- James Dickson, John Feather, Albert Screamer and Abram Colonahaski attended Dickinson Y. M. C. A. meeting last Friday evening.
- Our band went to Waynesboro yesterday with the Union Fire Company to attend the Firemen's Convention which is in session there.
- A letter has been received from Ferris Paisano who is at Lake Chautauqua, saying that he is getting along splendidly and likes his work.
- Joseph Ghangrow, who is working near Boiling Springs came in Saturday for a short visit, and states that he has a nice comfortable country home.
- Miss Barr, our efficient nurse, has returned from her visit home. All are glad to see her again. Herneice, Ruth Coombs returned with her.
- Many favorable comments have been received about the article by Commissioner Leupp which appeared in last weeks ARROW. It deserves special notice.
- The base ball boys report that they received the very best treatment while at Ursinus College and were not anxious to leave when the time came.
- The leaders of last Sunday evening's prayer meetings were: Large Boys, Mr. Schaal; Small Boys, Miss Paull; Large Girls, Miss Sadie Robertson.
- Misses Amelia Metoxen and Josephine Mark of the Freshmen Class who went out in the first party early in the spring are soon going to Portland Maine for the summer.
- Through a friend we are pleased to learn that Mr. F. F. Reising a former Carlisle teacher is well and enjoying his work in the Philippines. He tells many interesting things about his boys and girls, and says they are very nice to him. He wishes to be remembered to all his former students.

## HAROLD A. LORING

LECTURE—RECITALS

On the music of the

SIoux INDIANS

Address Portland, Maine

## Miss Robbin's Chapel Talk.

The recent attacks made by the Federal Government upon the Standard Oil Company, and the consequent attempt at state control of output by Kansas and Texas, have resulted in more than usual interest in the subject of oil, at our school.

Therefore, when Miss Bowersox announced last Thursday afternoon in chapel that Miss Robbins would speak on that subject, every one was on the alert to listen. It is needless to state that no one was disappointed, for from the first sentence to the last, her audience listened closely with evident interest and pleasure.

Miss Robbins first gave a brief history of the development of oil; of how it was deposited by the Devonian fish ages ago; of how the Indians, long before the white man came, had used it as a remedy for rheumatism and to induce a more luxuriant growth of hair; and of how, at the present time, it is offered to the public in a great variety of forms for various purposes. The interest here was intensified by exhibiting an array of sealed glass bottles, containing both crude and refined oil, sent as samples by the Standard Oil Company.

Next, localities of some of the richest finds were pointed out on the map. Then came a description of an oil-well and the machinery used to reach the oil and also to convey it to the surface. Lastly there were described the early and the improved methods of transporting it from the oil-fields to the consumer.

The entire lecture was splendidly illustrated by drawings made by students, and altogether it was one of the best of the many fine chapel talks given this year.

## We will be pleased to see you!!

**KRONENBERG'S**

*Clothing for Large and Small boys.*

—No 8. S. HANOVER ST.—

→ The old field back of the guard house and Academic Building, which for so many years has been the play ground for most of our boys, and upon which our early football was played, has been closed for such purposes. The new hospital will be located there, and the ground has already been broken for the building.

→ Our parade looks beautiful and much work will be required to keep it in shape. Boys and girls can do their share towards keeping it looking attractive and at the same time lessen the work of others by being careful not to throw paper or other waste matter on the grass or walks; and by picking paper, etc. up when they see it. Let us join hands and all help.

→ The following boys under the direction of Mr. Sprow are doing the excavating for the new hospital:

David Oldman, Peter Malick, Harry Shawbush, Albert Logan, Lewis Philip, Howard Purse, George Dailey, John Santiago, John Coon, Jonah Noble, John Creager, Henry Lawe, Enoch Pembleton Alex. Abrams, Moses Sawtrom William W. Traversie.

→ Cniltoski Nick, William Scott, Milo Doctor Raleigh Jackson, and Lawrence Mitchell who recently enlisted in the 7th U.S. Cavalry Band, spent a few days' furlough at school prior to starting for the Philippines. They looked fine and could hardly find words with which to express their great satisfaction in having enlisted. We wish them a pleasant and safe journey and hope to receive many letters from them for "The Arrow."

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## Hampton's Anniversary.

The thirty seventh Anniversary of Hampton Institute was observed on May 2 and 3 and everything passed off very pleasantly. Beautiful spring weather prevailed on Tuesday, while Wednesday was warm and showery.

The Ogden party made up of prominent educators and other friends from Northern cities reached Old Point on Sunday afternoon, and put up at the Chamberlin Hotel there. In the evening many of them attended the Song Service in Cleveland Hall, and enjoyed the old Plantation Songs.

Tuesday was Virginia Day, and quite a party of representative white people from Richmond came down to witness the events. They came by special train and numbered about 150. The forenoon was spent in visiting the class-rooms, shops, trade departments, and various productive industries, while not a few took a trip down to the Whittier School, to see the primary and grade work there. In the afternoon the following program was carried out at the Gymnasium before a large audience.

Opening Service.

Plantation Songs.

"Changed Ideas of Farming"

by J. E. Blanton '05 of Rice Depot, Va.

"What Hampton has meant to me"

by F. E. Bolling, '05, of Farmville, Va.

Indian Songs,

Cradle songs of the Pawnee, Arapahoe, and Hopi, by the Indian girls

Feather Dance Song of the Senecas

Ceremonial Song of the Sioux

Love Song of the Apaches by the Indian boys.

"The Indian as a Mechanic" by Charles Doxson '89, Onondaga, N. Y.

Addresses by John Graham Brooks of Cambridge, Mass.; Booker T. Washington of Tuskegee, Ala.; President Boatright of Richmond College, Va.; President Blackwell of Randolph Macon College. Closing Hymn, "America."

On Wednesday a large gathering of the Alumni took place, it being their triennial re-union. There also gathered a very large number of relatives and friends of the graduating class, so that in the afternoon the Gymnasium was taxed to its fullest capacity. The following program was carried out:

Opening Service

Plantation Songs.

"Six Years on a Farm" by I. H. Riddick, '05 Princess Anne, Va.

"The Negro's New Home" E. L. McDougall, '05, Whiteville, N. C.

Plantation Songs

"A Country Schoolmaster, by Wm. O. Claytor, '05, Copperhill, Va.

"Country Life of the Southern Negro" by Ella L. Hayes, '05, Macon, Ga.

Indian Songs, by the Indian Students.

"The Indians Progress, by John S. Dodson, '07, of Austin, Nev.

Addresses by

Mr. Robert C. Ogden, President of the Board of Trustees, of N. Y.; Dr. Booker T. Washington of Tuskegee, Ala.; Hon. A. S. Draper, Commissioner of the State of New York, of Albany, N. Y.

Rev. Sam'l N. Crowthers, D. D. of Cambridge, Mass.

Dr. Edwin Knox Mitchell of Richmond, Va.

A very pleasant surprise was sprung on Dr. Frissell during the address of Dr. Washington, when he presented Dr. Frissell with a purse containing \$1300.00 as a gift from the graduates and ex-students of Hampton, in recognition of their love and best wishes at this the completion of 25 years work at Hampton. The Alumni expressed a wish thro' their spokesman that the money might be used in taking a trip and vacation which Dr. Frissell so richly merits.

This year there are 13 students who will complete the post-graduate course, 23 who will complete the regular Academic Course, and 45 who will complete Trade Courses.

F. D. Gleason.

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## RULES GUIDING CHURCH MEMBERSHIP CHURCH ATTENDANCE AND RELIGIOUS INSTRUCTION IN THE CARLISLE INDIAN INDUSTRIAL SCHOOL

1. Pupils must attend the respective Churches to which they belong, or for which their parents or guardians express a preference.

2. No pupil can change Church membership without the knowledge of the Superintendent and consent of parents or guardians.

3. Pupils who belong to no Church are urged to affiliate with some denomination,—preference being left to the pupil.

4. Proselyting among pupils by pastors, employees or pupils is strictly forbidden.

5. It is urged and expected that method and promptness and a pervasive desire to co-operate with the discipline and aims of the school characterize the work of those to whom the spiritual interests of the pupils are entrusted.

6. Two hours on week days are allowed Church authorities for religious instruction, the hours decided upon being Tuesday and Thursday evenings, from six to seven o'clock.

7. Regular and compulsory attendance is demanded on the part of all pupils at the regular Sunday services conducted by the chaplain of the School.

8. Denominations, however, whose membership is sufficiently large to constitute a representative body, desiring their own religious services will have their religious sensibilities respected by being excused from this service, provided that the minister or the priest will conduct services in the school at the same hour at a hall designated by the Superintendent.

9. All pupils will have every facility in attending Confession and Communion, by handing their names to their religious instructors, and these in turn handing the names to the matron or disciplinarian,—this as a precaution to account for the presence of the pupils.

10. Church and Mass attendance on Sundays at hours fixed by the respective pastors will be strictly insisted upon by the School authorities.

11. Truancy, tardiness or misconduct on the part of pupils attending church or Sunday School, either in town or at the School must be promptly reported to the Superintendent.

12. For special services in town or at the school, special permission, granted at least a day in advance, must always be secured.

It has always been the scope and aim of the School to inculcate the highest lessons of morality, and it realizes that in doing so the Churches are a most potent auxiliary, and as such the School will always zealously and heartily co-operate with them and employ every means to widen their influence and increase their efficiency.

## Programs Rendered by the Literary Societies Last Week STANDARDS

Declamation - - - Andrew Hayes,  
Essay - - - Jefferson Smith.

DEBATE

Resolved That the present presents greater possibilities for the poet than did the past.

Affirmative, Negative.  
Roger Venne, Alex. Sauve,  
Louis Paul, Wm. Isham,  
Michael Balenti, Thos. Walton.

## SUSANS.

Oration - - - Bertha Dennis  
Vocal Solo - - - Eliz. Kundsén  
Impromptu - - - Sarah B. Jacobs  
Biography of Mr. McKinley - Juliette Smith

DEBATE.

Resolved:- That women should be admitted to the practice of law.

Affirmative Negative  
Nora Printup Katherine Dyakanoff  
Hattie Powlas Juliette Smith

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(Continued from First page.)

over the United States. The Agricultural Department sends men there to study, report and put out bulletins. And this is only one of a great many fruit plantations. He raises clover, cuts and puts it along the rows around the roots. Then he cultivates between the rows and this always keeps the ground moist and in good condition. Blackberry bushes planted in this manner and well taken care of will yield profitably from five to ten years. For hundreds of years blackberries have been known as a good medicine.

The gooseberry is one of the best berries that grows. When you children go back to your homes in the west, I want you to plant gooseberry plants, and when I come to visit you some time in the future, you can do nothing better for me than make a gooseberry pie. If you do not have a fruit garden on your land, I will think your education at Carlisle has been a failure. Gooseberries and currants are bushes, and should be planted in rows about six feet apart. The plants from three to four feet apart in a row.

Gooseberries will grow almost everywhere and are raised in the west as well as in the east. Currants grow better in the northern section. Cultivation should be shallow because the roots are near the surface. Both plants are propagated by rooting the stems. There were recently found in Utah four wild varieties of the gooseberries that grow well in that dry, almost desert country. These are being cultivated and grow well in that locality. These berries are round and smooth, easy to carry and keep well. They have many uses in cooking. The currant is used universally to make jelly. The berries can be canned green or ripe. They make a good sauce.

The common enemies of the plant are the leaf bug and the currant worm. The latter is a little worm that strips the leaves off the bushes in the early spring. The way to get ahead of that is to prepare a solution composed of one table spoonful of hellebore to ten quarts of water. Sprinkle the bushes every now and then with this, and in a short time it will kill these insects. Do it in time, don't wait. While you are waiting the worm is working.

Take a good look at this picture of the strawberry before you, and keep it in your mind when you go home I am sure you will want to plant some for your own table. Mr. Canfield made this picture for me. I want to make you so hungry that you won't forget it. Missouri has a fine reputation for strawberries, and Oklahoma has the same favorable conditions. The best soil is light clay loam, keeping it cultivated between rows, and mulching it about the roots to conserve the moisture. Cut the runners back, and pinch off the blossoms the first year. Strawberries are usually planted in rows, four feet by one and one-

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half feet apart. In many young orchards they are planted between the trees. It is necessary to plant at least two varieties of strawberries. Very often one variety has imperfect flowers and these will not fruit unless they can get the pollen from other blossoms. The bees will attend to this for you. After the first summer the plants will have to spread so that one row will form a bed two feet wide. Now we should keep the weeds out and cultivate the soil between the rows. Late in the fall when the ground begins to freeze it is necessary to cover the entire bed with straw or leaves. This protects the ground from the alternate thawing and freezing which hurts the roots. In the spring this cover is taken off. The ground between rows cultivated. Just before the roots get ripe we should put straw on the ground to keep the berries clean. A bed of strawberries will yield well for three years; after that it is better to start a new place.

Henry Ward Beecher said that "Doubtless God could have made a better berry than the strawberry, but he never did make a better one."

The reason we emphasize these subjects is because most of you have land which you can turn into fruit raising, thereby making some money and eventually making your home more comfortable. We speak often of these subjects to you in order that you will think about them. If your land is in a dry region, send to the government at Washington for a pamphlet called "Varieties of Fruits Recommended for Planting," (Bulletin No. 208) in which the different sections of the country are divided, stating the kinds of fruits that will grow best in the various sections. If you will write to your own state department, they will send you the bulletins prepared by Agricultural Experiment Stations in your section of the country. I looked over some books in the library but got more help from these bulletins than from all the books put together.

The farmer who does not care to go into fruit raising simply for the money should certainly raise some for his own use. We find people are paying more attention to raising fruit than ever before. If you have only a lot in town you can have a fruit garden containing apples, cherries, plums and peaches; also grape vines which will serve as a protection to the fruit and incidentally cover many unsightly places, and serve as a screen for the yard. This chart, taken from Bulletin No. 154, shows you how to have a beautiful home and both

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a vegetable and fruit garden on a lot 200 feet long by 100 feet wide. Speaking of an acre, you have learned in school how many rods make an acre but I do not believe you have an idea of just how much space it covers. I have asked the pupils of the eighth grade to measure it off on the school campus. Think of a plot of ground between the teachers' quarters and the girls' quarters. Follow the water pipe that has been laid in front of the girls' quarters to the walk in front of the dining room, then up the walk in front of teachers' quarters, then the main walk back to girls' quarters. There you have a space  $13\frac{3}{4}$  rods long and 12 rods wide,—a square acre. Here is a chart copied and enlarged from bulletin No. 169 showing how to plant an acre of fruit and have the necessary variety. I shall leave these charts here and hope you will copy this in your note books. The tablets you get in your schoolrooms should be kept for something like this. Put in things you want to remember, the things you will need after you leave here.

The value of fruit is great to all people but especially to you Indians. You eat entirely to much meat—too much grease and gravy from your childhood up. If you would substitute these fruit for some of the meat you use it would purify your blood, and in time your people would be free from much of the scrofula which afflicts so many of you.

Instead of leasing your land to a white man farm it yourself. Show the people around you how to live. You should be an example to every one in the community. A good man, a good woman and a good home are worth more to our country than anything else.

Your education here will be a failure unless you show by what you do when you go home that you know how to live, and that you are willing to work. We want to have you learn how to earn your living, but we also want you to learn how to live. It is more necessary to know how to keep our lands in good condition, our homes beautiful and clean than to know books. You know enough if you will only do what you know, and raising fruit is one small part of what you can do, girls as well as boys.

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## FALSE LIBERTY.

Liberty is not found in having our own way though that is almost the universal opinion among the young and those who have never learned the value of discipline. Here is the man who says he can indulge in intoxicants or let them alone, and he calls that liberty. The obvious truth is that he does not let them alone, though probably admitting that their use is harmful. That man is not free. He is the slave of his appetite, though probably unconscious of slavery. Nearly every day we read of the death by suicide of some young person, boy or girl. In some cases the cause is to be found in mental or physical derangement. But it is not infrequent that the cause is plainly stated as the inability of the suicide to have his own way—in school, in the home, in pleasure or in love—and so there seemed nothing to live for. We may not choose to blame these pitifully deluded youths, but a great responsibility rests upon parents, guardians, teachers and others who should have begun very early the work of discipline so that these might have learned that having one's own way is not liberty, but real tyranny.—Exchange.

## LAUGH.

Learn to laugh. A good laugh is better than medicine. Learn how to tell a story. A well told story is as welcome as a sunbeam in a sickroom. Learn to keep your own troubles to yourself. The world is too busy to care for your ills and sorrows. Learn to stop croaking. If you cannot see any good in the world keep the bad to yourself. Learn to hide your pains and aches under a pleasant smile. No one cares to hear whether you have the earache, headache or rheumatism. Don't cry. Tears do well enough in novels, but they are out of place in real life. Learn to meet your friends with a smile. The good humored man or woman is always welcome, but the dyspeptic or hypochondriac is not wanted anywhere and is a nuisance as well.—Farmer's Call.

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