THE WINNING POINT

It was Friday afternoon, the end of a glorious week. The stalwart fellows of the A—foot ball team were going through a light signal practice to be ready for the great game on the morrow with S—. The excitement in the school was very high as this was the most important game of the season and victory here meant the league championship. Stories that had come from S—were to the effect that they had a very heavy powerful team and were confident of an easy victory.

Contrary to all expectations and to the disappointment of many Saturday morning, the day of the great game broke cloudy and dreary and by 1 o’clock it was drizzling rain. The S—team had arrived the evening before and after a consultation between the managers it was decided to call the game off.

Soon after noon a few stragglers began to gather on the field and by the time the hour for the game arrived there were several hundred people present with umbrellas and rain coats. The rain was still falling lightly but enough had not fallen to make the ground sloppy.

The S—team was the first to come onto the field. They were a fine looking lot of great strapping fellows. They were soon followed by the A—team and disappointment could be read on the faces of many of the home people when they saw that the S—team was far heavier than the home team, but the conservative ones contended that weight wasn’t all, to wait until they commenced to play.

Both teams practiced signals for a few minutes until the shrill whistle of the referee announced the time of the game. S—won the toss and chose the south goal. Adams kicked off for A—and a beautiful kick it was. The S—man was tackled almost in his tracks on the yard line. Both teams lined up quickly and S—tried an end run around Porter but lost 5 yards. Next they tried a buck through tackle and lost again. With the third down and 17 yards to gain the S—fullback punted for 40 yards but Roberts returned the ball 10 yards before he was downed.

For a time the play was back and forth near the center of the field neither team being able to make very substantial gains. With one minute left to play in the first half the S—fullback made a fine punt which was recovered by Jones, the S—end, who was downed on the A—15 yards line. Three terrific line plunges put the ball over A’s line. Williams, however, failed to kick a goal so that the score stood 5 to 0 in favor of S—at the end of the first half.

A—was not disheartened, however, for they had showed that they were able to withstand the attack of S—and the cheers of their fellow students from the bleachers let them known that their efforts were appreciated.
Cheer after cheer resounded through the country around first for the team and then for every man in the team. As the students cheered you could see a smile light the faces of the team members, then their jaws would set and you could read in the faces of the fellows the word victory or die in the attempt.

The whistle called time. Both teams were in their places quickly. S—kicked off to James, A’s—quarterback and by quick dodging he returned the ball to the center of the field before he was downed. The rain had slackened a little but the ground was sticky making it hard to run. However, A—made their yards time and again until a score looked inevitable. However, someone fumbled and S—secured the ball on the 20 yard line. They returned it several yards but finally lost it in turn. Back and forth the two teams worked each time A—came a little nearer scoring and each time S—made a greater effort to put the ball in safer territory. Excitement was at a high tension. A—rooters were calling loudly for a score. Alas some one was injured. Who was it? Thomas, captain and star man on A’s—team. A’s hopes fell. If Thomas went out the game was lost. But wait, he was moving, he was getting up and could be seen talking to his team. Time was almost up, they must make a final effort to win. But fate seemed against them for with only 2 yards to make they lost the ball. S—formed quickly and their fullback punted for 45 yards. The ball fell squarely into the arms of Thomas, the captain, and fleetest man on the team. But fear clutched at the heart of the onlookers. He was injured. Could he make it, could he score? Not a sound could be heard. Quick as a flash the interference formed for Thomas. On he went, one S—man missed him and another was thwarted by the interference. He crossed the 20 yard line. Everybody held their breath. Could he make it? Right in his path was one of S’s stalwart halfbacks. If he could pass this man his field was him but Thomas was too quick and the mighty shout went up. A—had scored. Thomas placed the ball squarely behind the goal posts and then knew no more.

Cheer after cheer rang out on the field for Thomas and his team. But this only tied the score and a goal must be kicked to win the game. Could Thomas do it? He was the only sure kicker on the team. He was helped to his feet and assisted by two of his teammates walked slowly onto the field. After carefully placing the ball he stepped back, looked first at the goal and then at the ball, and kicked. All eyes were on the ball. It floated gracefully into the air and passed squarely between the goal posts. A—had won the game and the championship. The crowd went wild, the student body rushed onto the field and Thomas with his teammates were carried to the dressing room on the shoulders of their fellow students.

E. E. C., ’08.

The Three Great Rope Fibers

The most important among the rope fibers of the world is the Musa textilis, known to the Filipinos as Abaca, and to the world at large as Manila hemp. The latter is a misnomer as the plant is entirely different from real hemp. It is really a species of plantain or banana, although its fruit is not edible. The Philippine Islands seem to be the only place having the exact combination of climate and soil necessary for the growth of this plant.

The Abaca grows to a height of twelve to twenty-five feet. Its cultivation is simple, the principal requirements being, a rich, well drained soil and plenty of shade. The plants are usually raised from young sprouts, planted from six to ten feet apart. It is not until three or four years old that the plants commence producing fiber of any value. Under this age the fiber
is short and weak and above this age, woody and brittle. The average yield is one ton to every five or six acres, annually and under good management the plantations pay as high as 30 per cent on their investment.

In harvesting, the stems are cut and left in the shade for a day or two, to soften. The fiber is then removed from the pulps by drawing the stems under a sharp sawtoothed knife. Attempts have been made to do this by machinery but the fiber will not stand the strain and becomes discolored by contact with metal.

Second among the great vegetable fibers is that commonly known as Sisal. A native of Mexico, it is named for a seaport in northern Yucatan. Its botanical family is that of the Agaves, of which the century plant is a member.

The Sisal plants are propogated by means of cuttings, the young plants growing at will until three years old when they are set out in rows. They grow best in a hard stony soil at about sea level. A large portion of Yucatan is suitable for the cultivation of this plant and no other. Five or eight years after transplanting the plants are ready to begin cutting from. The same plant may continue to be cut from for fifteen or twenty years. From one thousand to fifteen hundred pounds per acre is the annual yield and the crops may be relied upon with almost absolute certainty.

The leaves are cut close to the stalk, with a peculiar sickle-like instrument. After cutting they are passed through a cleaner with a large toothed wheel. The result is a bright, strong fiber, similar to Manila but coarser and less strong.

Jute is essentially a product of India. It is planted annually in as wet a soil as can be used. Under the rays of the burning sun it quickly reaches maturity, subservient in its growth and development of strength to the conditions which may have existed during its growth, especially in the last short period of maturing. The plants attain a height of five to sixteen feet. The limbs which contain the fiber, branch out from a low, stump like nucleus. These are cut retted and hackled, and shipped to the nearest seaport where it is rebaled and much of it shipped to Europe and America.

Jute is the least expensive of the soft fibers and plays an important part in the industries of this country, as, indeed of all other countries, and this is shown by the enormous development during the last few years, where jute mills in Europe have grown tenfold in number and total capacity.

Editorials

Owing to an oversight in reading proof in the last number, Mr. Allan Emmert was not given credit for the article on Irrigation. The address was given by Mr. Emmert for the class of 1907 at the commencement last June.

Do not try to sneak into a game. A young man at Seattle the other day borrowed a boat, got his shoes wet and muddy, tore a five dollar pair of trousers and crawled through the underbrush to see a ball game, only to find out that no admission was charged.—(Ex.)

Quite an interest has been shown in debating this fall. So far two trial debates have come off. The first was between the Mechanics and Agriculture men in which the Agricultures won. In the second debate the question discussed was as follows:

"Resolved, that municipalities should own and operate their public utilities." Those supporting the affirmative were Messrs. Sheppard, Moore, Kennedy and Drouillard. Those on the negative were Miss Ruth Gould and Messrs. Joplin, Dixon and McDowell. The decision of the Judges was in favor of the negative.

Questions for debate were submitted to San Luis High School and the following question was chosen: Resolved, that the United States Navy should be substantially increased. High School supports the negative and Polytechnic the affirmative.

So far this season Polytechnic has been very successful in athletics. Can we not keep up our good record? This will mean hard work for everyone who plays on the teams and also good support on the side lines.

Director Anderson Resigns

Last month came the news of the resignation of our director, Dr. Leroy Anderson. To say that regret is felt on all sides is but expressing our feelings with mildness. Dr. Anderson has been with the Polytechnic school since its very beginning, and we had begun to feel that he rightfully belonged to us, and to us alone. We are perfectly aware that the College of Agriculture at the State University needs the best men on its staff that can be secured. While we deeply regret our loss, we are proud of the honor that falls to the Polytechnic School in being able to furnish such a rare man as the State University demands for the professorship which our retiring director goes to fill. Dr. Anderson’s title will be Professor of Agricultural Practice. He will also be director of the university farm schools.

Dr. Anderson was born at Magee, New York, 1866. He graduated from the Seneca Falls (N. Y.) Academy in 1885, entering Cornell University in 1886, but on account of ill health was compelled to abandon his course for a period of five years, and hence did not
graduate until 1896 when he received the degree of B. S. He returned to Cornell the following fall as a Fellow in Agriculture, and in 1897 received the degree of M. S. A.

From 1897 to 1900 he was a member of the faculty of Cornell University in the capacity of Assistant in Dairy Husbandry. In 1900 he was called to the University of California as Instructor in Animal and Dairy Husbandry. He held the position of instructor until 1902 when he received the appointment of director of the newly established California Polytechnic School. In June of this same year he was awarded by Cornell the degree of Doctor of Philosophy, his thesis being "Some of the Influences Affecting Milk Production."

looks upon the return of Dr. Anderson to its staff as the return of a loan made to the Polytechnic School. In his work at the State University Dr. Anderson will have large opportunity for the development of agricultural education. From our loyal trustee, Professor E. J. Wickson, we shall expect valuable cooperation in building up at the Polytechnic School a department of Agriculture that shall be the model secondary school of its kind west of the Rocky Mountains.

ATHLETICS

The foot ball fellows were dissapointed one morning by the news that there could be no games scheduled with outside teams. The practice which they had had did them no harm, however, because it gave them good exercise and brought out a lot of good material for next year.

Boys Basket Ball

In basket ball, however, we have not been so unlucky. The first game of the schedule was played with the San Luis High School on their court on Oct. 19. The score was in our favor, 19 to 5. It was a very lively and well played game. The referee, Mr. Sheppard, of Santa Maria, refereed the game in fine style, while Mr. Brecheen aided him.

The lineups are as follows:

Polytechnic, Roy Smith, captain, and Ernest Curtis, centers, Eugene Fiedler and Geo. Hopkins, forwards, and Geo. Buck and Leo Manning, guards.

San Luis High School, Stewart and Cox, centers, Lang and Cheda, forward and Gregg and Schultz, guards.

The second game of the boys was played on Nov 2, with Arroyo Grande. The Arroyo Grande boys, although it was the second game they ever played and were defeated, played a very good game. The Polytechnic lineup was the same with the exception of E. Fiedler.

Girls Basket Ball

The girls played their first game on Oct. 26, with the girls of the San Luis High. They played a fine game although it was raining most of the time and the court was slippery. The score was 17 to 8 in the High's favor. Miss Williams of Santa Maria was referee.

The lineups are:


High School, Stella Cherry and Marie Fogarty, forwards Marie Tognazzini and Francis Turney, centers, and Miss Wickenden, captain, and Dieie McFadden, guards.

On Nov. 9 the girls took a trip to Ar-
royo Grande to play basket ball. The game was a very exciting and interesting one. First one team would be ahead and then the other. But the final score was the one that counted. It was in our favor 17 to 15. After the game lunch was served in the High School. The Polytechnic team was the same as in the above game.

Work has been began on our new five lap track. We hope that it will soon be done and in first class shape for training the first thing after Christmas.

The samples for the new base ball suits have been discussed and the new suits decided upon. They are to be grey with red trimming and stockings to match. There are a good many out playing base ball nights and getting into shape for next season.

SOCIAL HAPPENINGS

On the morning of Oct. 11 the student body was called into the Assembly Hall to listen to an address given by Mr. Harry Henderson, student secretary of the Y. M. C. A. He spoke on "The Warships in San Francisco Bay." It was enjoyed greatly by all as it was a subject we knew little about.

Saturday evening Oct. 13 a reception was given to the Faculty and students of the School by Harvey Hall. From 8:30 to 10:30 dancing was enjoyed by all. Mr. Hall and Mr. Methvin furnishing the music. The Junior girl's punch was served during the evening.

On Oct. 19 at eleven fifteen Rev. Cooper gave the students a short address. In his talk he emphasized the importance of reading good books. Mr. Cooper is pastor of the Episcopcal church in San Luis Obispo. His address was greatly enjoyed by all.

A dance was given to the Arroyo Grande basket ball boys Nov. 2 by the athletic association of the Polytechnic School in the Poly Assembly Hall. St. Clair's orchestra furnished the music which was enjoyed by all those who danced. At 10:30 sherbet and cake were served in the English room. Dancing was participated in until 11:30 when all went home wishing another such dance would be given soon.

One morning in Assembly about two weeks ago the students enjoyed a musical treat given by Mr. Tavenner and George Tilton. Mr. Tavenner rendered us two vocal solos and George Tilton was his accompanist. The students appreciation was shown by the rendering of three rousing cheers. We all hope to hear from them soon again as it breaks the monotany of our regular Assembly period.

Our regular assembly program has been somewhat varied this year by short talks given by Mr. Edwards and Mr. Condit. Mr. Edwards has given us three or four talks on his experiences in the army. First he gave us his experiences in camp at San Francisco and later army life in the Philippines. Mr. Condit has been taking the students on a trip to Washington D. C. His descriptions of the scenes around Washington are good and one can almost see the different scenes he describes.
It certainly did us good when we went into the library and found so many well written and interesting journals waiting for us to comment on. It is a pleasure to be so well remembered by all of our old friends and we shall do all in our power to help as much as we can by a few suggestions which we mean to have all take as from a friend and well wisher.

I believe the first journal we received this month is the Sacramento High School. It reached us in excellent condition, the edges were as smooth as when it left the press and when unwrapped the first glimpse was certainly promising and when we opened the pages we certainly were not disappointed. Sacramento you are to be complimented to the fullest extent on your work. It is excellent. Your cartoons were very clever and showed much talent.

The Skirmisher, a new journal, which reached us a few days ago made a very attractive appearance. We like the bright cover and the reading matter behind it is also very good. It is a shame that it has to be folded as it somewhat spoils the pages.

The Manazita reached us indirectly and we found it to be very promising and would like to have you on exchange list.

The exchange editor of the Trident does excellent work as her pages are fully and well written.

We are very glad indeed to see the dear little Quill. It is just like seeing an old friend. We are still waiting for you to grow larger.

The Tocsin is just the right size for a school journal. The projecting cover makes it an up-to-date paper. The last issue was very suggestive of Halloween with the numerous Jack-O-Lantern, hopgoblins which were very cleverly drawn.

The Purple and White of Peoria High School has again reached us. It is a cheerful, well-written journal and the school colors are evident from the cover. You have a number of interesting cuts also.

The Oriole is one of the neatest of our exchanges. We think, however, that you could make your paper a little more attractive with some department headings.

Prudent people purchase prickly porcupines. Also prudent schools, leave prickly Porcupines on their exchange list.

The Whittier boys and girls certainly have a paper that does credit to their school. The Y. M. C. A. and Y. W. C. A. departments are something we do not see in other Journals.

Dictum Est your cover is fine but we think some cuts and headings would add to the attractiveness of your paper.

The High School Folio would be greatly improved by being put together in a more substantial form. Your joshes are excellent.

Old Lady Hubbard,
Went to the cupboard,
To get something to quench her thirst,
When she got there,
The cupboard was bare,
The old man got there first.

It seems good to see a "Poly" among our friends. Whoever designed the cover of the Polytechnic deserves credit.

The alphabethical rhyme of the Seniors in the El Gabalin is very well written.

The Argus is a splendid little paper. The print and paper are of good quality but we would suggest that the editorials be a little more prominent.

The Exchange heading in the Janus is very clever. Notes among the classes is original and those are the little things which a journal needs. It shows that someone has been at work.
Doc. P. to the maid:—“Bring in some more Honey.”

Umpire—“Foul.”
Bright Freshie:—“Where are the feathers?”
Umpire:—“This is a picked team.”

NOTICE
Private hunting grounds behind the power house. License must be secured from Hugo Roberts, Snipe Worden.

Why doesn’t Hazel G. go with Reilly any more? Because of McMartin.

Resolved, that mules are better than horses.
The affirmative will be argued by Thos. E. Pearce. And the negative by Oswald B. Judd.

Why is Boone always singing, The Lily of the Valley?

Who is the popular society belle that can win the affections of Guy McMartin.

Lines of Caesar still remind us,
We can make ourselves sublime,
And by asking silly questions
Take up all our teachers time.—Ex.

Ask Sheppard how the points of the Court House fence feel.

Room fourteen in the Household Arts Building was the scene of a merry gathering of young people, Saturday evening, Oct. 19, 1907.

Ask Worden, Jackson and Young if there is good snipe hunting on the other side of the rail-road.

Mrs. Faeih from the foot of the stairs:—“Boys don’t you think you had better stop roughhousing for tonight?”

Arthur Newel as he pulls Roland Curtis’ bed off onto the floor:—Yes, I think so.”

If you want your fortune told, go to Prof. Wm. Joplin, Esq., First Year Mechanic.

Ask McDonald and Sheppard why they go down Osos street every night.

My Life Study of Dark (Darke) by Ray Evans, ten volumes, Observatory at Edna.

Conductor on train from Edna to innocent Hop:—“How did you ever catch a girl?”


We wonder why Author Newels character is spotless? Ask Faeih’s Bunch.
Ask "Red" about the origin of the name "Dictionary."

Tilton at supportable:—"Pass that shrimp salad, I like 'Shrimp'."

Little Tommy Pearce was seen going into Vollmer's grocery store the other day and heard to ask the clerk for five cents worth of ice cream seeds. It developed on inquiry that Tommy was not getting enough ice cream at the Polytechnic School, so he thought that he would buy some seeds and grow some ice cream. He had heard about his father owning an ice cream plant and so got the idea that it grew on a plant.

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