

COUNTY SCHOOLS CLOSE SUCCESSFUL YEAR

GRADUATES URGED TO HIGHER GOAL

DIPLOMAS RECEIVED, MEMBERS OF CLASS PLAN WORK FOR FUTURE.

PROFESSOR CROOKS GIVES ADVICE

Simple Exercises Mark High School Commencement—12 Graduates to Enter College—Five Will Teach.

Thrilling his auditors with his message of inspiration and convincing the house with his quaint humor, Professor Crooks, of Albany College, Friday night addressed the largest graduating class the Oregon City High School has sent forth, on the subject, "Being Young."

Professor Crooks urged upon the members of the class the necessity of retaining the enthusiasm and sincerity of youth as the means of attaining the meed of success that is before them. He also urged the continuance of the study habit that they may continue the development so well begun.

Following the address by Professor Crooks, President Harding, of the school board, in a few well chosen remarks, presented the diplomas to the class. Three of the class have been honored with scholarships by higher institutions of learning, all being won on merit. Pacific University gave two, the recipients being Fay Batdorf and Bothwell Avison. Harold Smith won equal honors at Whitman. The members of the 1911 class are: Thornton Wayne Howard, Frederick K. Baker, Ray Stanley Welsh, Milton George Nobel, Maude Alice Park, Hazel M. Tooze, Harold Avery Smith, J. Bothwell Avison, Madge Brightbill, Bernice Dawson, Ethel Rhoda Pursiful, Ray Leslie Scott, Zeta Mae Andrews, Louise Alvina Matilda Deute, Margaret Jane McCulloch, Frank Gilbert Clark, Fay C. Batdorf, Evelyn Harding, Ethel W. Kidder, Bess Warner.

For the future of the class, twelve are going to enter college, five will take up teaching, one will study law and two are undecided as to what they will do. It is seldom that a class makes such a showing in this respect.

Shively's presented an animated and beautiful scene appropriate to the occasion. The front of the stage was hidden behind a mass of beautiful floral offerings that filled the whole atmosphere with their fragrance, and packages of presents were piled in prodigious profusion among the flowers.

A program simple, but impressive, marked the passing of the High School days for this group of young persons. After a song by the school Glee Club, Rev. Zimmerman, of the Methodist Church invoked the blessing. Professor Tooze then introduced the speaker of the evening. The address was followed by the presentation of diplomas and scholarships, closing with another song by the Glee Club.

The general ensemble as the graduates sat in their places on the platform facing the audience was an inspiration to better things long to be remembered.

CANEMAH BOARD TO RE-ELECT TEACHERS

ELECTION TO BE HELD JUNE 19 TO CHOOSE SUCCESSOR OF J. A. SHANNON.

The directors of the Canemah School have decided to re-elect the present teachers, Miss Elizabeth Kelly and Miss L. A. Wang. The election will be held next Monday night unless it is decided to wait until after the election of a director to take the place of Frederick A. Shannon, whose term of office has expired. The hold-over directors are W. L. Midlam and Charles C. Spencer. The vacancy on the Board of Directors will be filled at an election by the voters of the district.

NEW SCHOOL HEAD IS WELL EQUIPPED

JOHN R. BOWLAND, WILLAMETTE PRINCIPAL, HAS TAUGHT 20 YEARS.

John R. Bowland, who last week was elected principal of the Willamette school, has taught for twenty years, and has an excellent reputation. Mr. Bowland was elected principal of the Eastham school in Oregon City last year, but was called away from the state on business, and could not accept the position. His brother, N. W. Bowland, was elected to the vacancy. The latter has been re-elected for the next school term.

John R. Bowland was born at Logan, Hocking County, Ohio, and is fifty years of age. He was graduated from the Ohio Normal University in 1894, receiving the degree Bachelor of Arts. He taught first at Middleport, Ohio, and later at Dunkirk, Van Wert and Toledo, Ohio.

We Don't Have to Tell you what it's for it's name tells. Dr. Bell's Pine-Tar-Honey is the best cough medicine and several million people already know it. Look for the Bell on the Bottle. Geo. A. Harding, Druggist.

WEST OREGON CITY PUPILS PROMOTED

FIVE READY TO ENTER SECOND YEAR AT HIGH SCHOOL—GARY SPEAKS.

Five pupils of the West Oregon City School were promoted from the Ninth to the Tenth grade at exercises held at the school building Thursday evening. There was a large attendance at the promotion exercises, which were unusually fine. The class consisted of Wallace Papoun, Raymond Parker, Carmen Schmidt, Joseph Armstrong and Eleanore Papoun. One of the interesting features was the address of Superintendent of County Schools Gary, who told of his experiences as teacher and principal. Professor J. Dean Butler, principal of the Oak Grove School, also delivered an interesting address. Professor C. F. Anderson, principal of the West Oregon City School, made an interesting and instructive address on "Aim and Accomplishment." The "Whip-Poor-Will" song by the pupils was beautiful. Miss Clara Winkel being the soloist. Miss Winkel was complimented on a floral ladder which she made for the pupils. There were five rings, representative of the number of members of the class. The other features of the program were a class history by Joseph Armstrong, of the Ninth grade; a duet, "Sweet Memory Bells," by Miss Hattie G. Brown and Miss Pearl Bailey; vaudeville; by Carmen Schmidt, and a song, "Those Evening Bells," by the pupils. The vaudeville address was excellent. C. L. Gray, chairman of the Board of Directors, presented the promotion certificates. The school does not receive pupils above the Ninth grade, and it is expected that all of the pupils will enroll with the second year High School class in Oregon City in the fall.

PARKPLACE SENIORS DO WELL IN PLAY

"DOT, THE MINER'S DAUGHTER," IS DELIGHTFULLY PRESENTED.

"Dot, the Miner's Daughter," was presented on Thursday evening by the Senior class of the Parkplace High School in the assembly room, and proved a most successful entertainment. The young people played their parts exceptionally well.

The play was given under the direction of Professor Jolley, superintendent of the Parkplace High School, and he, as well as the young people participating, are deserving of much credit. The assembly room was filled to its capacity with an enthusiastic audience.

The play was in five acts. The cast of characters was as follows: David Mason, Kenneth C. Hendricks, Herbert Mason, Ernest Purcell, Arthur Floyd, Adolph Speiss, George Clifton, Adolph Speiss, Bill Torry, Walter Monger, Brewster, Walter Monger, Ebon, Will Lucas, Mrs. Mason, Mildred C. Barnett, Dolores, Myrtle B. Holmes, Winifred Clifton, Ethel Butts, Hapzibah, Mathilda Zinnering.

The Board of Directors of the Gladstone School, No. 115, at a meeting Thursday evening elected teachers to serve for the ensuing year. Brenton Vedder was re-elected principal at an increase in salary from \$95 a month to \$100 a month. Miss Ethel Sharpe was elected teacher of the Eighth grade; Miss Nellie Riebhoff for the Sixth and Seventh grades and Miss Pearl Sievers and Mrs. Eva Henderson for the primary department. The salaries of the teachers were raised from \$55 a month to \$60. Mrs. Henderson was elected to succeed Miss Hilda Tooze, who was not an applicant for re-election.

The board considered improving the grounds of the school and installing a drinking fountain on the first floor.

PUPILS HAVE PICNIC. Mt. Pleasant Children Are Entertained by Teachers.

Professor Sievers and Miss Mable Frances, teachers of the Mount Pleasant School, gave their pupils an enjoyable picnic on Wednesday. Mrs. Frances' rooms held its picnic at the Holmes Park, and the youngsters spent the day in playing games and singing. One of the features was the luncheon spread beneath the beautiful big fir trees, and the serving of lemonade, gallons of which were consumed.

Lightning Kills Few. In 1906 lightning killed only 169 people in this whole country. One's chances of death by lightning are less than two in a million. The chance of death from liver, kidney or stomach trouble is vastly greater, but not if Electric Bitters be used, as Robert Madson, of West Burlington, Ia., proved. Four doctors gave him up after eight months of suffering from violent liver trouble and yellow jaundice. He was then completely cured by Electric Bitters. They're the best stomach, liver, nerve and kidney remedy and blood purifier on earth. Only 50c at Jones Drug Co.

CLACKAMAS TEACHERS NAMED. Miss Mabel Francis, of Oregon City, Member of Corps.

The following teachers have been elected for the Clackamas school: Principal, Miss Burras; Intermediate, Miss Haycox; primary, Miss Mable Francis, of Oregon City. Miss Francis was the primary teacher of the Mount Pleasant school, which closed last week, and is a very successful teacher.

ARTISTIC WORK OF PUPILS AMAZES

EIGHTH GRADE MEMBERS WIN LAURELS AT CLOSING EXERCISES.

MELBA KIDDER CONVULSES HOUSE. Roberta Schuebel Acquits Herself Admirably—Rev. Proctor Urges Right Living.

Fifty-five pupils, the largest and best Eighth grade class in the history of the Oregon City Schools, were on Friday, at the Shively Opera House, given certificates of promotion to the High School. The exercises were to have been held in the Eastham School, but long before 10 o'clock, the time set for the beginning, the big assembly room was crowded, and hundreds clamored for admittance. As a result, Superintendent Tooze decided to have the exercises in the opera house, which was well filled.

The recitations of Melba Kidder and Roberta Schuebel were especially fine. The former appeared as an imitator of girls less gifted than herself in the art of declaiming. She showed remarkable versatility, and kept the audience laughing almost all the time she was on the stage. Miss Schuebel was just as clever in her line, and delighted the audience.

The Rev. W. M. Proctor delivered an interesting address, the most important feature of which was his advice upon living. He said that children had been taught to master the "Three R's," but in reality there was one more important than reading, writing and arithmetic—right living. He depicted the relation of education to right living, and declared that the two should be inseparable. Mr. Proctor was given rapt attention, and his discourse was as much appreciated by the older persons present as the members of the class.

Other important features of the program were a solo, "Voices of the Woods," by Helen Ely, accompanied by Carol Ely; address of welcome, by Evangeline Dye; recitations by Maud Davis, Otto Allison; violin solo, Alice Levitt, and song, "Stars of Summer Night," by Eighth grade Barclay School girls.

Superintendent Tooze complimented the class upon its work, and offered good advice. All the children participating did remarkably well, and the exercises were given to be as fine as are ordinarily given by High School graduates.

The following are the pupils who received certificates: Barclay School—Aline Phillips, Alice Miller, Bernice Buckles, Violet Roberts, Cynthia Pace, Dorothy LaTourrette, Helen Blanchard, York Hammond, Elizabeth Schatz, Della Woodfin, Everett Cross, Marjory Moore, Maude Davis, Evangeline Dye, Guy Waldron, John Beattie, Mabelle Woodward, Roberta Schuebel, Alice Levitt, Carl Hodgson, Harold Nash, Clark Frank, Freda Martin, Emelia Staats, Frank Nelson, Wilbur Roberts, Alvin Wivesick, Zona Moore, Elizabeth Monell, Janey Lacey, Myrtle Henderson, Glen Jeremiah, Ted Miller.

Eastham School—Otto Allison, Gilbert Califer, Walter Elliott, Loys Howard, Richard Frederick, Arthur Farr, Therlow McCune, Walter Jones, Ralph Griffin, Louie Strohmer, Helen Bakir, Alice Brown, Helen Ely, Georgia Mason, Mary Lacey, Melba Kidder, Frances Curran, Verle Trimble, Tooley Amanda, Neva Ott, June Scott.

CHILDREN CRY FOR FLETCHER'S CASTORIA

UNION TELLS HOW TO HANDLE BERRIES

GROWERS GET BEST RESULT WHEN SUGGESTIONS ARE OBSERVED.

The manager of the Hood River Union has issued the following directions to strawberry growers in that section of Oregon.

Berries must not be picked while there is moisture on the vines. Berries must be pink all over or three-fourths red. Berries should be picked ripe in cool weather than in warm. Pickers must not be allowed to hold several berries in the hand at the same time. Filled carriers must not be allowed to sand in the sun. Berries must be picked with stems a quarter of an inch long, not longer or shorter.

Packing—No culls in the boxes. Put in nothing but fair-sized berries, none under five tiers. After filling box about half full place the rest, stems down, so as to be able to face the top layer in uniform rows of four or five, making sixteen to twenty-five berries on top layer, all nice and level, stems down. Fill boxes solid, leaving no vacant spaces, especially at corners or they will be short weight, settle, spoil your pack and bring less money.

Fill boxes so that top layer will come three-eighths of an inch above the top of box. Allow no berries to project over side of box. If you do the berry will be crushed, the pack spoiled and the box stained. Packers must be required to sort out all green, overripe, misshapen and under five-tier berries. Use clean crates and keep them from being soiled. After crates are nailed place them in cool side of packing house. Hauling—Haul in spring wagons and use wagon covers to keep out dust. The growers are requested to send in load as soon as ready. Do not wait until you are through with your pack for the day. Remarks—It will be necessary to observe these suggestions if you expect to get good results. People will not buy ordinary fruit or a poor pack and pay the price. Good fruit and a good pack will sell, even if there is plenty of the ordinary. Our inspector will not find fault, but will endeavor to assist you with good advice.

Ottillie Bock Administratrix. Ottillie Bock has been appointed administratrix of the estate of Gebhard Bronner, whose will was admitted to probate Tuesday. The property is valued at \$999. Gordon E. Hayes is the attorney for the estate.

MANUAL TRAINING TEACHER SOUGHT

BOARD HAS DIFFICULTY IN FINDING INSTRUCTOR FOR NEW DEPARTMENT.

MRS. CARLIDGE IS TRANSFERRED. Grade Teacher To Be Member of High School Faculty—Misses Lilly and Grace Are Re-elected.

Only one vacancy remains in the faculty of the Oregon City High School for the coming year. The board of directors Saturday night re-elected Miss Jennie Lilly and Miss Louise Grace and transferred Mrs. Pearl Gregory Carlidge from the grades to the English department of the high school. Mrs. Carlidge, who is a graduate of DePauw University, of Indiana, succeeds Miss Edna Caulfield, who was not an applicant this year. Miss Lilly will continue her work in mathematics, and Miss Grace will again be assigned to Latin and German. The sciences will be taught by Miss Esther Johnson, of the High School. It is probable that another teacher will be added to the faculty of the High School, to replace Miss Ida Mae Smith, who has been elected to take charge of the work in domestic science and art. The directors are trying to secure a teacher with special fitness for the commercial department, which it is proposed to establish. The three High School teachers elected Saturday night will each receive \$75 per month, and will have the advantage of a fine new building with modern equipment with which to carry on their work.

The board of directors will hold another meeting on Monday, June 12, when the four vacancies still existing in the grades will probably be filled. There are a large number of applications for these positions and the directors will make careful selections, with the idea of getting teachers with practical training and experience.

In the new manual training department, which will be established next September in the High School building, the directors have struck a snag for they have no applications for this position. There is a great demand for good manual training instructors and inquiries will be sent out to the various teachers' agencies for applicants.

Janitors Mars, of the High School; Erickson of the Barclay, and Biermann, of the Eastham building, were re-elected Saturday night and their salaries fixed at \$50 per month. During the vacation period they will work wherever they may be assigned as there is plenty of labor in renovating and repairs to keep them busy until the opening of the fall term.

VALLEY HAS WATER.

The Willamette Valley is better supplied with water for irrigation purposes than any other valley in Oregon, and there are practically no natural obstacles to overcome in the diversion of this water. Where storage is not required, land favorably situated should be irrigated at a cost ranging from \$15 to \$25 per acre, or it will not be necessary for the farmer to await the construction of a large project to supply water by gravity flow, for it is believed that an abundance of water can be had by sinking a bored well to an underground water stratum which has been tapped in places ranging from 100 to 150 below the surface. This water is said to be under sufficient pressure to bring it within ten to twenty-five feet of the surface.

Drainage in some districts should go hand in hand with irrigation. The quick removal of excessive spring moisture would prevent waterlogging of the ground and increase by several weeks the length of the growing season. In other districts the drainage through the porous gravelly subsoil is so perfect that the lands are considered of but little value under present conditions. These lands, when irrigated, will become the most valuable.

For many years grain growing has been the leading industry of the valley, all of which is in private ownership. The average farm is probably 320 acres in extent, the tendency being to increase, rather than decrease such area, because of the diminished yield due to constant cropping. Diversified farming has become popular as a remedy, but this is possible only on selected lands which are retentive of moisture, or those which receive moisture through subirrigation. It is not contended that irrigation is necessary for all crops, for deep-rooted plants, such as orchards, are not affected by the long, dry summer. But for truck garden, alfalfa, clover, small fruits and vegetables, irrigation in reasonable quantities is absolutely necessary for the highest yield.

DAIRYING TO BE LEADER.

Dairying is destined to become the leading industry because of the mild, open winters. The most serious obstacle, however, is the long, dry summer, when it is necessary to carry the herd on dry feed, the same as during the winter months in the East. This condition, however, can easily be remedied by artificial application of water. It has been conclusively proved that three full crops of clover, together with full pasture, can be produced with irrigation, where only one crop, with pasture, is available under present conditions. Also, four crops of alfalfa, with pasture, can likewise be produced.

Less than 7 per cent of the total precipitation in the Willamette Valley falls during the summer months. During this same period in an irrigated country the equivalent of the entire annual precipitation is applied to the growing crops. It may be surprising to know that the summer precipitation at Denver, Colorado, is 4.4 inches; at Cheyenne, Wyoming, 5 inches, and at Santa Fe, New Mexico, 6.2 inches, as compared with 2.25 inches at Eugene. The summer conditions, therefore, are more arid in the Willamette Valley than in these arid states. During the spring seed-germinating period, which is the most deficient for the irrigator, nature supplies and distributes the moisture. At Milan, Italy, where irrigation has reached a high state of development and has been practiced for many years, the summer precipitation is 19.2 inches, as compared with 22.6 inches at Eugene. It is believed that these comparisons conclusively demonstrate a deficiency of summer precipitation.

IRRIGATION PAYS WELL.

That irrigation pays appears to be demonstrated by the figures published in the Oregon Countryman by W. L. Powers, of this institution (O. A. C.). These figures are from careful experiments, the water being furnished by gasoline engine pumping from underground sources, the lift being about 20 feet.

From four cuttings of irrigated alfalfa 17 tons of green feed were secured per acre, as compared with 5 tons from two cuttings on unirrigated land, or a gain of 12 tons per acre due to irrigation. The increase of yield in this case was 240 per cent.

Less than one acre foot of water (1.42 acre inches) was applied to produce this remarkable result at a total annual cost of \$10.83 per acre. At an

IRRIGATION WORK STARTS IN VALLEY

MILLION ACRES TO BE IMPROVED BY WATER IN NEXT TWENTY YEARS.

NO NATURAL OBSTACLES TO COMBAT

John H. Lewis, State Engineer, Tells of Gigantic Work That is in Progress—Water Available.

The following is a copy of an address recently delivered before students of Oregon Agricultural College by John H. Lewis, State Engineer:

Actual construction work is now in progress on the first irrigation project of any magnitude to be undertaken in the Willamette Valley, at West Stayton, and the day is not far distant when each stream which enters this valley will be diverted for irrigation purposes.

That irrigation is necessary and will pay has been demonstrated beyond any possibility of doubt. And the fear that the soil will bake and refuse to yield readily under the new treatment is rapidly disappearing.

There is approximately 8,000,000 acres in the Willamette Valley water shed, and 3,000,000 acres in the floor of the valley, including adjacent low foothills. To say that 1,000,000 acres in this valley will be under irrigation in the next twenty years is not an extravagant statement. The project under construction contemplates the irrigation of 30,000 acres in Marion County, and there are five other projects in contemplation which will be undertaken if the first attempt is successful. Knowing many of the men behind this first enterprise, and being acquainted with the lands, I have no fear as to a successful outcome.

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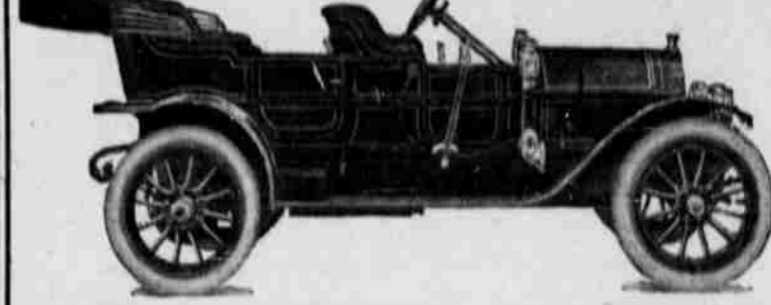
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average price of \$4 per ton for such feed, the net profit due to irrigation would amount to \$37 per acre, or 342 per cent on the money actually invested to secure such increased yield. If this water had been applied by gravity canal at a first cost of \$25 per acre, the actual profit in this case would amount to 858 per cent of the money invested, including 6 per cent on first cost, maintenance at \$1 per acre, and distribution of water estimated at \$2.50 per acre.

From three cuttings of irrigated clover 10.2 tons were secured, as compared with 4.3 tons from two cuttings of unirrigated clover, or a gain of 5.9 tons. This is an increase of 133 per cent due to the application of 9.9 acre inches of water at a total annual cost of \$10 per acre. The clover was weighed when partly cured. At \$4 per ton the net profit due to this increase of yield would amount to \$133.55 per acre, or 135 per cent of the annual cost. By gravity canal the net profit due to irrigation could be increased to \$18.55 per acre, or 371 per cent of the annual cost.

POTATO CROP IS DOUBLED. By applying 5.35 acre inches of water to a potato crop, 10 bushels of potatoes were secured, as compared with 60 bushels per acre from a similarly situated unirrigated field. This gain of 84 bushels per acre, or 150 per cent, was secured at a total annual cost for irrigation of \$5.56. At 50 cents per bushel, the net profit due to irrigation amounted to \$36.46, or 654 per cent of the cost of producing such results.

Accepting the above figures as a correct index as to what can be accomplished in the Willamette Valley through irrigation, it is easy to figure how the farmer could well afford to borrow, even at 10 per cent interest, all the money to install an irrigation system. The increase in land values would more than offset such cost. As such information accumulates and with a few successful projects constructed, it is easy to conceive such a boom in irrigated lands in the Willamette Valley that its population will be increased ten fold in the near future.

It seems to me that the commercial organizations of the state could take up no line of promotion which would yield greater returns in increased population than by promoting the idea of irrigation in this beautiful valley. It has no greater population per

square mile than many dry farming communities of the arid region. Irrigation will therefore do as much for us as it will in such communities.

With our low elevation, mild winters, long, dry growing season, convenience of rail and water transportation and accessibility to the markets of the world, I predict a most rapid development for this valley through the adoption of this new method of agriculture.

TO TAKE LECTURE COURSE. C. F. Anderson and J. E. Calavan Going to University of Oregon. Professor C. F. Anderson, formerly principal of the West Oregon City school, who was recently appointed a county school supervisor, will leave Monday to attend a course of lectures for supervisors at the University of Oregon. He will later visit his parents at Lincoln, Kan., where he will spend three weeks. J. E. Calavan, who also has been elected a county school supervisor, will attend the lecture course at the University of Oregon.

CURES CATARRH. Also Coughs, Colds, Croup and Sore Throat. Huntley Bros. guarantee HYOMEI (pronounce it High-o-me) to cure catarrh, acute or chronic; to cure colds, coughs, croup and sore throat, or money back.

In cases of deafness caused by catarrh, there is no remedy so efficient. HYOMEI is a liquid extracted from the eucalyptus trees of Australia, and is a soothing, healing, germ killing antiseptic.

A complete HYOMEI outfit consisting of a bottle of HYOMEI and an indescribable hard rubber pocket inhaler costs \$1.00. For treating catarrh or any throat or nose ailment, pour a few drops into the inhaler and breathe.

That's all you have to do, and as the air passes through the inhaler it becomes impregnated with antiseptic HYOMEI, and this soothing, healing air as it passes into the lungs reaches every particle of the inflamed membrane, kills the germs and heals the raw, sore catarrhal spots.

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