

SALEM, FRIDAY, AUGUST \$1, 1877.

Mr. T. H. Crawford explained the method of teaching citizenship in Port-land schools. There the thing is done orally, the child learning what officers fill the various departments of govern-ment, qualifications of officers and their

Mrs. Duniway favored universal teaching of the subject, and thought that as a text book the Declaration of Independ ence and Constitution of the United

Blates should be used. F. H. Grubb opened the subject of men-tal a ithmetic, a'ter which a discussion of definitions distracted the attention of the assembly.

Worthington mentioned his method of teaching analytic arithmetic, holding that formulas should be required.

Condon used mental arithmetic for intellectual discipline, and when its study ceased to produce that result, he stopped

Mr. Worthington replied : "The gentleman says, 'Study for mental discip-line.' Study to understand a subject. That is all you have to do. Understand the subject, and all the mental discipline that it is capable of imparting will come with it. Let one man study mathemat-lcs for 'mental discipline,' and another to be a civil engineer. When they get through I tell you that the practical man w most of mathematics-will be W10 h best gun lified to solve the problems--will have received the greatest 'mental discipline.' The practical merchant, the prac-tical is wyer, has the 'mental discipline." Prof. Gault's hobby (printing the pro-

occding in pamphlet form) was squetched. Au vitation to visit the State Penl-territy, was accected and Thursday (this afternoon) at 4 o'clock is the time

EVENING SESSION.

fixed.

The attendance much increased through the day, so that now there are ninety names registered. This evening's exer-cises opened with an instrumental duett Misses Holderness and Belt, which was followed by the quartette, "Thou Every-where," rendered by the Mendelssohn Quartette Club.

Miss Springer read an original poem of merit, both as to measure and poetlo fire. The scene was laid in Arabia, and the production partook somewhat of the weirdness of that land, that one time pos-

weiedness of that land, that one time pos-sensed all the learning of the world. Miss Ollie Chamberlain favored the In-citints with a solo, roudered with her usual good taste. Miss C. has an excel-lent voice which is well cultivated. Prof. O. B. Johnson, Curator of the Behool and College of Natural History Sector was introduced bit

Introd subject, "Brake and Butterfly." The speaker gave a humorous description of nature, by putting on a dress cut after the modern siyle of female costume, when the pine forests plays the part of skirt, the prairie the overskirt and finally winding up with farm houses as buttons, and Vir-ginia rail fences as gimplace. The Speak-er then considered animute nature and the lessons to be read from her. He made an eloquent plea in favor of the study of natural history, defending the naturalist against the charge of cruelty. Some of the advantages to be derived from the study of natural history were considered, and these advantages were those that can be measured by dollars and cents.

Resolved, by the Oregon State Teach-ers' Institute, That we heartily approve this determination of the Board, believ-ing that the practice of granting such di-plomas or certificates to other classes of persons without examination is liable to ousy and dissention among the teachers of the State, and that the inflexible rule of the Board on this subject should be "equal and exact justices to all and special privileges to none." become a member of that noble band. The final point made was, calling the at-tention of bis hearers to the preparation for life. Six or eight years spent in hon-est endeavor in the school room will fix such habits of industry that no young man will want to turn from virtuous paths. A vocal solo, by Miss A. C. Abbott, gave rest to the assembly. Miss Abbott has a well cultivated voice and the plece se-lected was adapted to bring out her aged, clover is a benefit, and whatever Resolved, further, That on behalf of powers. the teachers of Oregon, we pledge to the B. L. Arnold lectured on Spectral

The subject of Elecution was presented by J. P. Wagner, of East Portland, and illustrated it with examples, that made

illustrated it with examples, that made the subject very interesting. Miss S. J. Lyman, of Forest Grove, read a well written essay on the "Influ-ence of the Beautiful," which was great-ly applauded by the audience, as it cer-tainly deserved to be.

The Institute decided to give the College and School Natural History Society opportunity to present the interest of that Society to the Institute. The time fixed was 9:30 to 10 A. M.

EVENING SESSION.

Mrs. M. P. Spiller read an essay on School Discipline and our Girls." Which was well written and well read.

Schools, lectured on the subject of "Force and Motion." He objects to the theory advanced by many, the planets and the heavenly bodies are kept in motion be-cause of the primary impulse. He held that a planet is on an inclined plane, and th it stiraction draws the planets to the sun as a center, that the inclined plane finally ends at the sun. The earth is pre-vented from approaching nearer the sun than certain limits by the expansion of the earth, caused by the increased heat ping List. received from the sun by reason of its nearer approach

The chorus "Marching on to Victory." by a class of young misses and a little drummer boy, created sansation and was received with considerable applause.

FOURTH DAY-FORENOON.

FRIDAY, Aug. 24, 1867.

Prayer by Prof. Grubbs. Instrumental solo by Miss Myra Bell Minutes read.

A met'on by Prof. L. J. Powell, to ex-punge from the minutes all that pertain-ing to the "granting of State diplomas" was amended so that some objectionable

WILLAMETTE FARMER.

lected was adapted to bring out her

Board our cordial co-operation in this and Analysis, and attempted to illustrate his all endeavors to elevate the standard of subject with experiments, but owing to qualifications for this noble provision. some defect in the tubing the gas did not SECOND DAY.—AFTERNOON. WEDNESDAY, Aug. 22, 1877. The subject of citizenship was present-ed by Mr. Lane. The speaker thought much more attention should be given to it than is. Its importance is great, es pecially in this country, ruled by the Mr. T. H. Commended and by the subject of Electron prevailed, and by masses. Mr. T. H. Commended and the subject of Electron prevailed and by parliamentary law carried the whole sub-is than is. Its importance is great, es pecially in this country, ruled by the subject of Electron prevailed and by parliamentary law carried the whole sub-is the further consideration of the subject of Electron prevailed and by parliamentary law carried the whole sub-is the further consideration prevailed and by parliamentary law carried the whole sub-is the further consideration prevailed and by parliamentary law carried the prevailed and by parliamentary law carried the prevailed by the bott for the result. Mr. T. H. Commended to prevail the subject of Electron prevailed and by parliamentary law carried the prevailed and by parliamentary law carried the prevailed by the bott for the result. The subject of Electron prevailed and by parliamentary law carried the prevailed by the bott for the result.

NEW Exports.- A marked revolution has taken place in our export trade within a few years.

Besides fresh meats and butter shipped in steamers by the aid of refrigerating rooms, may be mentioned roofing slate, from extensive quarries in Pennsylvania, adjacent to New Jersey, in which an extensive trace was commenced some two years ago which has increased with each succeeding month till it has now attained to very large proportions, shipments being made chiefly to Oreat Britain and the Continent where American slate takes the precedence of all other kinds. A very large export business has also grown A quartette by the Misses Moores, and Messrs, Grubbe and Irvine was well re-ceived and heartily applauded. S. W. King, of the Portland Public be mentioned that have lately been ad-

ded to the list. The cheapening of labor and of raw material prepared us for the cheap proopening the home market for a wide range of goods which would otherwise have been supplied from abroad, but affording us the opportunity to explore foreign markets more successfully than we had ever done before .- N. Y. Ship-

"The Lothians" used to be regarded as the agricultural paradise of Scotland, but times seem to be as had there now as elsewhere in Great Britlan. It is estimated that in the past forty-two years the price of labor has increased 150 per cent. for male servants and 160 per cent, for women; farm horsey, 200 per cent; and the work of smith and carpenter, 100 per cent; and on the other hand, the increase in the value of what is raised offers no adequate compensation. A farmer who has lived sixty years in East Lothian ing to the "granting of State diplomas" has been stry years in East Lothian was amended so that some objectionable words in the minutes were exchanged. The President then announced the ar-rangements for the re-union this evening. The subject of "percentage and inter-est" was then taken up by Prof. Bilyen, The subject of "percentage and inter-est" was then taken up by Prof. Bilyen, Supt. of Bohools for Linn county. His remarks were general, and indicated a thorough knowledge of the subject. He contanded "a thorough drift in decimal fractions necessary, previous to the sub-ject of percentage. A correct idea of per-centage insures a successful study of in-terest." Profs. Buff, Bishop and Crooke followed with some interesting prob-lems. in the luxury. Make home a pleasant place for your boys. Do not be so afraid of your best parlor that they may not use it. Let and closed his subject with a blackboard them have plenty of warmth and light, illustration of the manner in which and entertaining books to read, and musical instruments, and any partor games they like. Girls will stay at home if home be the dullest place under the moon, but boys will not. If marks with a number of pupils. The their young composions are banished, if they are checked when they laugh, or sing, or make a noise, if they may not have the innocent freedom that they need, under their parents roof, then they will have the freedom of some sort elsewhere. And there are always enough ready to beckon them to places where the bloom is brushed to slaces where the bloom is brushed from youth's round cheek. A young man will squeeze a little "fun" out of his life, and, if you want him to be a credit to you and to himself, make it possible for him to enjoy himself in his home. Let the home be a place to live and breathe in, not merely a roof under which he may eat and sleep. TRADE IN WEDDING GIFTS.-Quite TRADE IN WEDDING GIPTS.—Quite a large business is done by a certain New York firm in the disposing of du-plicate and useless wedding presents. When a couple are married now a-day, their standing is generally rated by the long list of presents they are enabled to show. The next question is, how to get rid of the presents to advantage. The firm alluded to makes a specialty of purchasing such as the parties desire resolution which was adopted : Resolved, That the thanks of this In-stitute are due to the O.&C.R.R. and O. C.R.R. Campanies for reducing their prices to one-half their usual fares ; to the proprietor of the Chemeketa Hotel for the favorable terms upon which he has entertained all teachers stopping at his house; to Gardner Bros for the free use of a piano and an organ ; to Dr E. R. Fiske for the use of his black boards; to Fiske for the use of his black boards; to essary to respectability, and at the same time not have the burden thrown on their friends.

aged, clover is a benefit, and whatever else he may do, the farmer who grows clover is making his farm better. What, then, might not the result be, if the same care were taken of the clover fields as of other crops? It does not need cultivating; the long, deep reaching roots mellow and pulverize the soil as nothing else can. If the c over grows thriftily, the top acts as a mulch seeding the ground and keeping it moist. A crop of two tons or more of clover, ploughed under or cut for hay, can hardly fail to leave the ground better than it was before. It should be the farmer's aim to grow the largest possible crops of clover. A slight dress-ing of gypsum—one hundred pounds per acre in early spring-often pro-duces wonderful results. But if a far-mer has a li tle well rotted manure, the scraps of barnyards, fall is the time to apply it. Clover is often injured by freezing and thawing in winter, and a very slight covering of manure will af-ford a great deal of protection. Rich earth from corners of fences is well worth drawing a short distance on young clover, provided the ground is hard and firm. If the field is not mow-ed next season, coarser manner can be used.—Country Gentleman.

Reports from the great grain grow-ing districts of the West continue to he of the most satisfactory nature. Reports from Michigan, Ohio, Illinois, Indiana, Missouri, Kansas, Nebraska, Iowa, Minnesota and Wisconsin are of the most satisfactory character, both for wheat and oats. In Iowa the har-vest is almost cut. In Ohio some wet weather is reported, but crops are solendid. In Michigan threshing is nu-der way. Wisconsin, spring wheat and oat are ripening rather too fast but are wood Winter wheat to bains but are good. Winter wheat is being harvest ed. In Minnesota the rye and barley

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harvest is progressing. Spring wheat and oats are reported a heavy crop generally .- Western Farm Journal.

Food animals were considered, and destructive insects and their enemies pointed out.

The exercises were concluded by a quartette entitled "Swing Low, Sweet Char

A committee was voted to make ar-

THIRD DAY-MORNING SESSION.

THURSDAY, Aug. 23d, 1877. Institute called to order by the Presi-dent at 9:20. Prayer offered by Prof. Marsh. Instrumental music by Miss Marie D'Arey. Muutes of yesterday's proceedings read

and approved

8. A. Randle opened the discussion on penman-hip, taking the especial theme, "The Art of Writing and How to Teach it in our Schools." Followed by J K. Baff, and others.

Statistics of State and City systems of Education, and Explanations of School Registers in use in Oregon, by Prof. T. H. Crawford. Registers were well explained

"Natural Science in Schools or Na-inre's Studies in the Schools." Special topic, "How shall we begin the Study in our Schools, Hilustrated by objects and the use of simple names, by Rev. P. S. Knight, Followed by Ladra Royal, Buff, and O. B Johnson, who gave specimens of some of the animal, or rather insect hingdom, on the blackboard.

Recess until afternoon.

THIRD DAY-AFTERNOON.

The debate on the resolution in reference to granting certificates was resum-

ed. After some sharp discussion, Hon. Hyl C. Simpson moved the following pubstitute t

WHEREAS, We have been informed that it is the determination of the State Board of examination hereafter to issue the Btate diplomas and certificates provided for by law only to candidates who have been du'y examined and found worthy. to these who present similar diplomas or certificates from other States and to re-tiring members of the Board, therefore,

The subject of Physical Geography was then introduced by Prof. Steeves, who concisely and in an interesting manner considered the use of globes in teaching,

physical geography should be taught. Miss A. C. Abbott, of Portland, intro-duced the subject of "Graded System of Music in Schools" and illustrated her resystem easy and pracitcable. Music by Miss D'Arcy.

FOURTH DAY-AFTERNOON.

AUGUST 24, 1877. Ladru Royal had the subject of analysis of the fundamental rules in arithmetie.

This called out some discussion from various members of the Institute.

Prof. Marsh read a well-written paper on "How to Familiarize Children with the Use of Language." He recommended the telling of stories in pure language. than the writing of sentences, then the reading of books of acknowledged excellence; and thus through the whole course of knowledge of the language can

be imparted. Prof. Sheak, of Philomath spoke of Phonography and its uses.

The committee reported the following

the parties who have so kindly furnish-ed the Iostitute with excellent music; and last, but not least, to the local committee of arrangements, whose care and foresight have done so much to make pleasant all the meetings of the lustitute.

EVENING BESSION.

The exercises were opened with an instrumental solo.

A young man from the country district south of Salem, was in one of our State street tailor shops the other day getting measured for a vest. "Mar-ried or unmarried?" queried the merstrumental solo. The momentum of school work, by Thos. Condon, of the State University, engaged the attention of the aud ence. He likened the teacher to an artist, and pupils as his material for building monu-ments of greatness. He said the love of study, the love of conquest, and the love of acquisitiveness, are three great forces, the momentum of which is great in school work. A schoel room wherein the pupils are governed by either or all of these powers, even the file pupil is certain to keep pace with the industrious ones and

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