

**Educational Department.**

CONDUCTED BY PROF. J. D. HAWES.

All matter intended for this department should be handed or sent to Prof. J. D. Hawes, Monmouth, Oregon.

**Teachers' Meeting.**

There was to be a teachers' meeting here on Saturday, the 19th, but owing to the officials failing to connect the enterprise turned out to be a partial, if not total failure. Short discussions on the subjects of writing and reading were held, and an adjournment made at noon. Prof. Jarvis and Miss Tatom, of Independence, were present, and the faculty of the Normal minus Prof. S. were all present, with a host of the Normal students. No suicidal policy was adopted.

**Music in School.**

One of the most delightful exercises of a school, and one in which all can take a part, is singing. All children delight in music, and are happy when their voices are joined in song. A song or two at the opening of school in the morning will insure promptness at roll call and lightens the labors of both teacher and pupil. Teach the school to sing by note; spend fifteen minutes daily in teaching them to sing songs, quartets, duets and choruses; get them to see and feel that where there is union and harmony there is strength and beauty. In this way you cultivate in them a love for the delicate and beautiful. Thus you not only confer a lasting benefit on the pupil, but also on the community in which you teach; it brings neighborhoods nearer in a social relation. A community without music is like a home without paint, it is always rusty and unattractive, and a man without music in his soul is not a fit companion for the young and flexible mind. I believe that all children can be taught to sing if taken at the proper time, say from five to twelve years of age. The reason we see so many adults that cannot sing is, they had not an opportunity of learning when young.

"When griping grief the heart doth wound,

And doleful damps, the mind oppress,  
Then music, with her silver sound,  
With speedy help doth lend redress."

P.

**It Must Be Done.**

Civilization must be paid for. Education is the insurance upon civilization. It must be kept up everywhere, for the risk is every-

where. To leave the child of the pauper uneducated is to incur as great risk of destruction by the fires or floods of ignorance and crime as if he were the scion of wealth and place. So, too, in the nicely balanced forces and relations of localities, the neglect of a county or a township may in some vital emergency destroy the institutions of the whole country by remote or even by immediate results.

Hence there must be no admission of the doctrine that the general power can yield the right to educate when necessary to the general good. This power is indispensable to preserve the parts as well as the whole.—*Ex.*

**Mathematical Column.**

1. I paid 30 per cent. duty on a watch, and sold it at loss of 5 per cent.; but had I sold it for \$21.06 more there would have been a gain of  $8\frac{1}{2}$  per cent. Find the cost price.

2. A one cent piece, diameter one inch, is placed on a map of Polk county and exactly covers an area of 502 acres. 104.96 sq. rods. Req'd. the scale on which the map is drawn.

Solutions two weeks after appearance.

Solutions to problems of the 11th ult.:

1. At 8 oz. per day for 40 days 1 man would eat 320 oz., and 200 men 64,000 oz.; 200 men for 5 days at 8 oz. per day would eat 8,000 oz.; which would leave 56,000 oz. more to be divided among the remainder for 35 days, extra 4 oz. per day, or 140 extra oz. 56,000 oz. divided by 140 oz. gives 400 or No. of men left and 200 and 400—600 men total crew. Answer.

CHAS. ROWLAND,  
Brownsville.

2. If his rate of rowing in still water is twice the rate of the stream, he would go down at three times the rate of the stream and back up at once the rate of the stream; or both ways at four times the rate; therefore he will go down the stream in one-fourth of 2 hours 40 minutes, or 40 minutes and 2 hours in coming back; and his rate going down is 6 miles in 40 min., or 9 miles in an hour, and the current helps him one-third, therefore he would row in still water 6 miles per hour. Six miles answer.

R. E. BRISTOW, Monmouth.

Correct solutions to first from W. Waterhouse, Asa McKern and

R. E. Bristow, Monmouth; Leroy Brown, Starbuck. To 2nd, A. McKern and R. E. Bristow.

A housewife sold a coat to a peddler for a vase worth nine cents, a pair of boots for a china dog worth six cents, and a vest for a glass bottle worth four cents; how much did she receive for all, and how much over \$9 clear profit did the peddler make?—*Detroit Free Press.*

**California Department.**

CONDUCTED BY PROF. J. DURHAM.

All matter intended for this department should be addressed to Prof. J. Durham, Washington Corners, California.

J. Durham's Report to the Church at College City for the year 1883.

To the Church of Christ in College City:

DEAR BRETHREN,—According to a resolution passed by the officers of your congregation several years ago, that each preacher of your congregation shall on the first of Jan. of each year, present to the church a report of his labors for the passed year, in accordance with which I hereby present you with a report of my labors for the year 1883, including the first Sunday in Jan., 1884: Discourses in College City, 40; Sycamore, 20; Williams, 16; Meridian, 3; Napa, 1; Chico, 1; Butte City, 1; Elk Creek, 20; Cherokee School-house, 1; Funeral discourses, 2; Present at Sunday-school, 48; Prayer meeting, 38; Made temperance addresses, 2; Educational, 2; Sunday-school addresses, 8; Prayer-meeting talks, 35; Heard other sermons and addresses, 9; Solemnized marriages, 9; Baptized, 42; Received into church otherwise, 19; Traveled over 1,200 miles; was never absent a whole day at a time from my classes in the college; half of the time heard 8 and half of the time 9 classes each day; wrote about 125 columns for publication in the papers; total discourses and addresses, 152; total additions received into church, 61.

All of which is submitted in faith, hope and Christian love.

Your brother,

J. DURHAM.

College City, Jan. 6, 1884.

**Brief Notes.**

Bro. McHatton is in the work at Hanford.

Bro. H. D. Connell paid College City a flying visit a few weeks ago.

Several additions lately at Watsonville, under the labors of Bro. R. N. Davis.

Prof. W. D. Pollard, of Washington College, preaches for the church at Saratoga, distant twenty miles, every Lord's day.

The writer, for the present, will preach each forenoon in the college chapel at Washington, and Pres. McCollough in the evening, after his return from Santa Clara.

Bro. Eli Fisher, of Eureka, Ill., wishes to come to California. He is a good preacher and church worker. Hope he will conclude to come and do his level best.

Prof. A. G. Burnett, who has been teaching at Healdsburg for a series of years, also preaching for the church at that point, has accepted the position of principal of the Petaluma public school, and began his work with the new year.

The indications are that California will suffer more from drouth this year than it has before for a great many years, unless it rains soon, some locations will raise nothing. There will be some difference in the quality of the fruit. But there will be a great deal of fruit raised, and in the valleys adjacent to the Bay some grain will be raised, and business will go on about as usual.

Our co-laborer in college and church in California, Bro. J. M. Monroe, but now of Indiana, gives an excellent article in the *Church News* on the Prohibition campaign in Ohio. He says the prohibition gained the day by actual vote, but the politicians tricked the prohibitionists in the count. Temperance people must remember that a real tricky politician does not care how you vote so he can get to make the count. Temperance people should vote solid and count honestly, and all will be right.

During our holiday trip in Santa Clara county, we made the acquaintance of old grandmother Rice, mother of Bro. William Rice. This aged sister is in her 94 year, yet moves about the house quite easily and converses freely. Being a little hard of hearing she finds an inconvenience in conversation. She showed us a quilt she had pieced during her 92nd year without the aid of glasses. The work is well done and shows the handy work of