EDUCATIONAL EXHIBIT.

The People Urged to Make a Complete Showing of Utah School Work.

The following address is self-explanatory:

To School Officers and Teachers:

During five days immediately following the first of October next, the Territorial Fair [illegible] to exhibit to the public evidences of the material resources of Utah and the products of her legitimate enterprises. That a feature so essential to the greatness and respectability of the prospective new State as her system of public instruction should be found on that occasion without proper representation, would not only reflect adversely on the progressiveness of the community, but act in a way to injure her vital interests and her reputation.

It is seen that one who never passes out of the narrow circle of his home surroundings becomes so contracted in his knowledge and estimate of the world and so exalted in his own esteem that he feels little need of more knowledge and has scarcely a wish for improvement. The same is just as true of communities and nations as of individuals. Man is by nature social in his instincts and habits, and to allow solitary or [illegible] upon his better tendencies would not certainly promote his healthy progression.

It is therefore the duty of every teacher in Utah to bring out the products of his instruction and place them in comparison with those others have obtained in a similar field; and it is no less the duty of school officers to show how the facilities they provide for the promotion of education compare with those of other schools and communities. Let the school officers and teachers therefore, as representing the school interests of Utah, make an exhibit at the Fair of 1894 that will show to their fellow citizens that they are worthy the trust reposed in them, and to the stranger that they are not put up in an educational field of [illegible] forms, but that they are indeed truly progressive and in their school plans and methods and work stand abreast of what in every enlightened community is now most approved, most successful and most popular. Our last exhibit under the auspices of territorial government ought to show most emphatically that in educational matters at least we are fully ripe for Statehood. Let no county or district or school be thought too insignificant or too obscure or too crude to make an exhibit of its facilities and work in the line of education. It must be by a united effort and by coming together in this way that we are to learn of each other and build up a strong school system for the future State. We should not, therefore, allow any feeling of lethargy or indifference to beguile us into the notion [illegible] will secure success, which [illegible] put forth in every case that will assure success, which achieved will more than amply repay every one.

It will be appropriate to include in this educational exhibit everything that pertains to school or class instruction; which embraces not only the work done by the pupils in the different kinds of schools, as kindergartens, graded and ungraded public schools, special schools, seminaries, academies, normal schools, colleges and universities, representing the grade of your work in each, but school facilities of every kind, as furniture, apparatus, cabinets, etc.

It will be impossible in some cases and difficult and too costly in others to transport some features connected with instruction that ought to be shown. In such cases photographs may be employed to great advantage. For instance, photographs of school buildings, school rooms, with furniture in place, schools in session, class recitations, apparatus, peculiar appliances and devices, cabinets, libraries, etc. Photographs for this purpose should be of cabinet size at least and larger if possible. Each photograph should be accompanied with a full and explicit description of what it is intended to represent, without which it will be of little value or interest.

However, whatever the exhibit may be, let it be understood that it must be genuine, truthful and honest; that every visitor who examines the display may learn something of the real educational condition of the Territory.

JAMES A. MELVILLE, Supervisor.
JOHN R. PARK, Assistant Supervisor.

Irrigating Dams and Reservoirs.

Some of the biggest dams in the world are in California. The Merced dam is sixty feet high, with a capacity of five billion, five hundred million gallons, spread over six hundred and fifty acres. The Sweetwater dam, near San Diego, is ninety feet high, and has a capacity of six billion gallons, covering seven hundred and twenty-five acres; and the Bear Valley dam is sixty feet high, with a capacity of ten billion gallons, covering two thousand, two hundred and fifty acres.

Immense irrigating canals are now under construction in Colorado. Ex-Governor Eaton is just completing a great reservoir, the waters of which will cover eight hundred acres of land, and are expected to irrigate a whole township. The largest canals and reservoirs in Colorado are on the Arkansas river. The La Junta and Lamar canal and reservoir system is a vast irrigation enterprise. The canal has a bottom width at headgate of thirty feet, and carries water seven feet deep. It is one hundred and fourteen miles long—the largest in the United States—and has a combined lateral length of seven hundred and fifty miles. It has several reservoirs, two of which are named the King and the Prince. The former has an area of one thousand acres, a gross depth of forty feet, and holds eight hundred and sixteen million cubic feet of water. The Prince reservoir covers an area of three hundred and fifty acres, with a gross depth of water of seventeen feet. Its total capacity at one filling is fifty million cubic feet. The system cost over three hundred thousand dollars.

Reservoir No. 1, on the Colorado canal, has an area of six hundred acres, with a capacity of one hundred and thirty-three million eight hundred and ninety thousand cubic feet of water. No. 2 has an area of two thousand five hundred acres and a capacity of six hundred and sixty-five million eight hundred and eighteen thousand six hundred and twenty-five feet. Reservoir No. 3, projected, but not completed, has the greatest capacity of any reservoir site yet reported in Colorado. Its area is twenty square miles, and its capacity sixteen billion three hundred and twenty million cubic feet. Lake Loutle, a natural depression above the same grand system, has a capacity of seventy-five million four hundred and sixty-seven thousand seven hundred cubic feet. The other reservoir sites of this scheme have areas from four hundred to five thousand acres. It is the most gigantic storage system in the state. It cost upward of four hundred thousand dollars.—*From an article on "The Opening of our Ranges," by [illegible], in Munsey's Magazine for September.*

How the Tarahumaris Account for Themselves.

The Tarahumaris, the inhabitants of the Sierra Madre, came, according to their own traditions, from the north and the east (the same countries as the Apaches, as they say), and were placed in these mountains, the middle of the world, by their god. They descended originally from heaven, with corn and potatoes in their ears. Their god was with them at the beginning, but the evil molested him, and to such purpose that he had to retreat. Once, when their god was intoxicated, the devil robbed him of his wife. "I cannot remain here any longer," said he, "because the devil took my wife; but I will leave two crosses in the world." He placed one cross where the sun sets and one where it rises. The cross in the east their god uses when he comes down to visit the Tarahumaris; that in the west is for the Tarahumari when he dies and goes to heaven. Between these two crosses lives the Tarahumari tribe. The Indians would like to go to the crosses and dance before them, one of their forms of worship, but they are prevented from doing so by large bodies of water, and they therefore have small crosses standing outside their own houses before which they hold their nightly dances. They also sacrifice before these crosses, and here is where their god comes to eat. The Tarahumari invariably provides a smooth place near his house or cave upon which he erects his cross and where he holds his dances.—*From "Tarahumari Life and Customs," by Dr. Carl Lumholtz, in September Scribner.*

The city assessment roll of Pocatello, Idaho, has been completed. It foots up about $515,000. This is about $200,000 less than the city assessment last year. These figures do not include the railroad assessment which will be fixed by the state board of equalization.

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