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Corner Lot, 50x109; good neighborhood. 4350.

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EDUCATIONAL COLUMN, [T. C. AUBREY EDITOR.]

We take the following extract from an address before the National Educational Association with reference to the common school branches of study:

"They found their way into the schools by accident and without the intelligent choice of a person competent to select them. Having gained their admission to the schools, they have, from the undue multiplication of text-books, monopolized the school-life of our children, to the exclusion of other equally important studies. They give no adequate return for the time spent upon them. Reading and spelling occupy an undue share of the time in the common schools, a proportion of time wholly unnecessary to the proper learning

columns of the newspaper or the books they have occasion to consult, or, going beyond the mere sult, or, going beyond the mere clear articulation, with proper in- and before that time simply handflection and emphasis is very small ed down from father to son traas it is. The number is made up ditionally. As tradition gave place

save in scrawls almost illegible.

If you turn to grammar, the case is no better. As taught in our

We conclude then, and the conclusion is as certain as it is sad, that the seven commen school studies, alone and unaided by supplementary instruction lying outside of their own scopes and textbooks, are not and cannot be sure. books, are not and cannot be sursources of public intelligence.

pupils for the ordinary avocationof life. The complaint from the whole range of all the higher schools, the colleges, medical and law schools, polytechnic schools and universities is, that the common schools do not prepare the student to enter upon the higher courses of instruction. Neither courses of instruction. Neither brain.

as the great aim of life. If this aim is simply and solely that of discipline, then the aim of education is discipline. If the aim of life includes the acquisition of knowledge, then education should also include this. And if the great aim of life goes beyond both discipline and knowledge—if it involves the activities of life, its purpose. as the great aim of life. If this manner. PULLMAN BUFFET SLEEPERS, volves the activities of life, its purmediate use of Warner's Safe cure and suits, its employments, and the whole round of its performance.

the symptoms of lung decay will rapidly disappear.

There are too many instances already In commenting on the above, we

would say that it is sweepingly disparaging, but in a great meas-Through Tickets to all Points South ure true, as far as arithmetic, grainmar, geography and the waste of time in reading is concerned. But writing, reading and spelling were the necessary outgrowth of conditions. Before letters were introduced, all events were recorded by

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of them, and they afford no adequate return in the knowledge or Implements of all descriptions, we call Special Attention to our celebrated

culture given for the time so occupied.

After all this enormous waste of time and money, the number of pupils that learn to peruse with easy and critical intelligence the columns of the newspaper or the

the thoughts of the writer into hieroglyphics or picture-writing, THE ARTESIAN WELLS OF chiefly of those who did not learn to picture-writing, and the latter by reading in school, but from the to written words, made up of let- of the remarkable agricultural valprivate perusal of books furnished ters, the first step necessary in or- leys of the country. The valley them at home or through the Sun- der to interpret a recorded event proper extends from Yankton on was to be able to form these arbi- the south to Jamestown on the Spelling, the adjunct of reading trary characters which represent north, a distance of 300 miles. and writing, shows a still poorer sounds, and understand that differ. Most of this vast area is level. Enrecord and result. The common-ent combinations of them repre- tire townships can be plowed withschool pupils are few .who in later sented different spoken words. So out a single obstruction to the plow.

years can spell correctly even the words in common use, or can write, studies, not by accident or chance, about 1880. At this date the bufbut as a necessary result of a cer- falo had gone farther west; but These studies do not make intel- tain set of conditions, namely: when the writer visited this valley These studies do not make intelligent men and women. They are not capable of producing intellievents and such facts as will be of this noble animal. poverty stricken. How many fruit- absolute necessity of becoming ac- Dakota inclined to drought, caused ful and stimulative ideas does the quainted with the means employed largely by extensive fires which arithmetic give? What light does before a record can be made. Read-drought, but since the protection it flash upon our common experi- ing, writing and spelling are close- of the grasses by settlement, moistence, and how far does it serve to ly related and must be mastered are has so increased that this valsolve the great questions of moral, first, and that thoroughly if we ley is now teeming with productive solve the great questions of moral, host that thoroughly it wo social and political duty, which each soul encounters in its progress through life? Arithmetic as table ocean of human ideas. They surplus of water beneath instead it is ordinarily studied and taught are the means we use in gathering of at the surface. in the country schools, is little knowledge, and nothing more. more than the guessing of so many They develop merely the intellect-

ual faculties, however, and our duty memory in a fraction of the time and any system of education that does not do this is a curse.

DOCTORING IN THE DARK.

is no better. As taught in our country schools, it is not the study of language, but the study of parsing and criticism.

No sensible surgeon will attempt the unan life in a room secluded from the proper amount of light. A practitioner will not attempt the diagnosis of a complete diagnosis of a complete diagnosis. plicated disease unless he can see the sufferer and make an examination upon which to base his opinion relative to the

many mistakes are committed becthe darkness which is the result of ignor-ance. It needs no illustration to demon-These studies do not fit their strate that gross Ignorance has caused many fatal mistakes to be made in the treatment of diseases by those who profess to be learned in the art of hearing.

the subjects nor the methods of study fit the common school pupils for any advanced course.

The great aim of education is, and of right ought to be, the same at the great aim of life. If this is presented in some such indirect many are the result of kidney disease, which shows its presence in some such indirect many are the result of kidney disease, which shows its presence in some such indirect many are the result of kidney disease, which shows its presence in some such indirect many are the result of kidney disease, which shows its presence in some such indirect many are the result of kidney disease, and this is peculiarly true of lung, liver, brain and heart diseases in general, for it is now known that they are the result of kidney disease, which shows its presence in some such indirect many are the result of kidney disease.

then education should embrace all these."

recorded of the terrible results produced by a lack of knowledge concerning the cause of disease, and human life is of too much importance to be foolishly sacrificed to bigotry or ignorance.

The Little Fellow Was Puzzled.

Smith—"Your little son, Mrs. G. is an unusually bright boy," Mrs. G.—"So his teacher says." Tommy (aged six)—"Mr

DAKOTA.

The James River Valley is one

The pioneer found the most of

It is the greatest artesian well district known, A comparison with other districts will show that for In geography the case is still as true educators here comes in, in are found, this valley far surpasses worse. The pupil loads his mem- that we must introduce such sub- them all. There are some fine ory with useless lumber. It stirs jects as will strengthen and de- wells in France, but they are found no thought but that of weariness velop the moral and physical being only in favored localities. Some of the lesson. It belows no insure as well. We make and account at of the lesson. It brings no inspi- as well. We must endeavor to de- bore, but in none does the pressure ration, it throws no light, it ans- velop such traits as thrift, honesty, equal any one of fifty wells in the wers no question. It is simply an benevolence, justice, and purity of James Valley. Western Califorinterminable catalogue of names life. If we as teachers do not do nin, from San Diego to near the advance and twenty-five cents in addition, and to of places which fades from the this we have mistaken our calling, northern boundary of the State, is proving itself to be a fine artesian district, but strong pressure is found only in limited areas. Nearly every city and many of the small villages from Yankton to Jamestown have wells, and the najority of these have a very

eavy pressure. The pioneer well was put down t Aberdeen, March 1882, by the C. M. & St. P. R. R. Co. It is 960 feet deep, with a tube 5\frac{1}{2} inches, made of 3-16 inch wrought iron. Water was found in sand rock. The water is soft, but cannot be used in poilers, as it forms. This well shoked up with sand for a time, out afterward opened with its original force.

10 1884 the city put down a well 908 feet deep, 5.3-10 inch tube. A ystem of water works was put in. he city, with 5,000 inhabitents, as the best of fire protection. our streams at one time can be brown over the highest of buildngs. Aberdeen and surrounding cantry are very level, so to get trainage and pumping system, such as Pullman, Ill., has, became necessary. The system is now ompleted, and the result is perect. The pumps have a capacity of 50,000 gallons per hour. A float makes the pumps automatic, so that they work only when there is ewerage to be raised. For a cost of only a few thousand dollars this city has water works and a pumping sewerage system without cost of fuel, engineers, or even oil. The pressure of this well is about 200 per square inch. A two-foot vein of coal was struck in the first two wells.

Ellendale, north of Aberdeen 37 niles, has a well 1,087 feet deep. Water was found in sand rock be neath impervious stratum of shale. The water is clear and soft, with temperature of 67° and pressure of 150 pounds per square inch. The city has a system of water works costing less than \$7,000.

The Redfield well is 960 feet deep. The tube in this well is of three sizes. The first 400 feet six inches, the next 300 is 55 inches, and the last 260 feet 41 inches. Water was found in sand rock. Coal was found at different depths. and smelled of oil. The water is dear and soft, has temperature of 68° and pressure of 200 pounds per

[Continued on 1th page.]