

One County's Work.

Bureau County is a good example of the possibilities intent in a gravel bed and developed by experience, common sense and a little persistent hard work. The writer well remembers the time when the only good roads in that county was the highway running easterly from Princeton and known as the old Peru road. For years that road was in good condition the year round, and the farmers along its route increasingly prosperous, while everywhere else the roads were, for a large portion of the year, hideous as a mince-pie nightmare. After suffering from this incubus for half a generation, people began to think. Finally it dawned upon a few bold and venturesome souls that if gravel were good for the poor road it might possible be good for some others. So the idea spread and the experiment was tried until now the graveled roads. comparatively smooth and always passable, ramify the whole county and distant farms are brought approximately close to town by that wonderful genli, gravel!-Bloomington (III.) Leader.

The Wide Tire Campaign.

Not only do wide tires save the pavements, but they are also a saving on beasts of burden. The Missouri Good Roads Association at its recent convention in Columbia declared in favor of wide tires. Prof. H. J. Waters, dean of wagons the following:

"By using the wide tires an average A horse is computed to exert a pull of 150 pounds for ten hours, traveling at the rate of two and one-half miles per hour. On this basis the wide tires save slightly more than one-third of the exertion of the horse,"

The experiments with heavy wagons from which the conclusions of Prof. Waters were reached formed the most interesting part of the proceedings of the convention, and the results of all line overstepped." the tests were carefully noted. In everv test it was demonstrated that the wide tire lessens the labor of the horse and is in other ways far superior to the narrow tire, which is the most commonly used --- Bloomington (III.) Pantagraph.

Chenp Rouds.

A very wise philosopher has observed that the great bulk of the people must always support the mass of the population.

The people pay for everything the people have. The public pays for the railroads and the expense of running

When the vocabulary of expletizes cas for the time exhausted, I said to

complex and each would have to be treated by itself, and as the loss of general sensation was the most serious I would attack that first.

Then, seating him in a cane-seated hair, I enveloped him in several beavy dankets, put his feet in a hot mustard bath, to which at brief intervals I added some hotter water, and placed under the chair a lighted alcohol lamo.

ing fortitude, but finally the rigid lines, things for hunself. ace, but when I quickly offered him new lessons. another, he rebelled and relactantly : c 4. All the knowledge acquired by a

in insolent glee, that the sense of smell The history of education since Cowas still absent.

him sleeping quietly.

He was cured for a time, and rea complaining and fretful bore.

He Trusts the Reporters.

Chauncey M. Depew knows newspa- variety of forms. per reporters as well as any man, and them:

the State Agricultural College, added to me blue-penciled at all hours of the world. to the tabulated results of the tests day and night for a revelation which made between narrow and wide tired | they must take back in some form or be discredited at the office. It is often such as reading and writing. They a matter which it is important for me, are to form habits in reading and writof fifty-three pounds draught is saved. in justice to the interests which I represent, or the people who trust me, not to reveal, but when, as often happens, something can be said which will reach tion of facts, and the situation can only the reporter hears in confidence the that confidence been misplaced nor the study, as in grammar or geography,

Meadow Lark's Music.

During a short residence in Califor. knowledge in its scientific form,

topmost point of some plume-like eucal- deepening interest.

so full, clear, sweet, and delicately

at so much a hundred.-Boston Tran-

A Remarkable Photograph.

by nine inches showed the remainder

Aluminum Will Be Cheaper.

break and fall in fragments.

turned out.

underground.

dle of the day.

ahead and do their worst.

Wood.

Wood soaked in a strong solution of

It nearly always shocks a man to see

Professor Boys of London recently

script.

he would submit to torture rather than NOTES ON EDUCATION. The importance of the recommend- WHAT WOMEN WEAR. waist. The full yest was dark even

him that his maladies were apparently MATTERS OF INTEREST TO PU-PIL AND TEACHER.

Pith of Good Recitation Work-The Pedagogy Craze for Novelty-Save Time in the School Room-Teachers Should Know the Best Literature.

Good Recitation Work,

1. Self-activity on the part of the found in the sciences that it presup-He bore this for a time with areaz- pupil in seeing, thinking and mastering poses .- The School Journal.

of his face softened, the sweat poured 2. Vigor and intensity of mental efin streams from every pore, and his fort so as to establish habits of concenhair fell dripping over his brows. As tration and of strength, avoiding carehe began to wince, I offered him a dose lessness, sleepiness and general laxity. of tincture of capsicum. To my sar- 3. A proper use of a child's previous prise, he swallowed it without a grim- knowledge as he advances into the

knowledged a partial restoration of child should be based upon concrete taste and sensation, adding, however, and real objects of thought.

menius' time emphasizes, over and At that I poured from a bottle of the over again, the necessity of sense milk of asfoetida such a dose as I training and the basing of all knowlthought would bring smell and taste to edge upon an experience with real a tin funnel, and forced him to take it. things. There is perpetual danger in He smelled it, and soon after 1, left all schools of knowledge becoming simply verbal, a pure memory drill.

5. Thoroughness of knowledge. The mained for a considerable period a sen- knowledge gained by the children in sible convalescent. His maginary all- the schools should be thoroughly masments continued, but assumed a mild tered, and one of the most important and harmless type. He lived to an ad- things for the teacher to do in a reclvanced age, and died as he and leved- tation is to give such tests, reviews and drills as shall bring about a conscious mastery of the principles of a subject and the ability to apply them under a

6. School children not only need to here is what he truthfully says of master the school sciences theoretically and in the text book form, but they "Every profession has its code of need to learn how to use knowledge in honor. That code is always based upon the practical affairs of life. The school confidence and trust. I see more re- cannot undertake the whole of this porters and oftener than any ten men duty, and yet it must teach children in the universe. They breakfast, dine, how to use their knowledge; how to sup and sleep with me, or practically, bring school information into relation that is what it amounts to. They come with life, with real experience in the

7. In some studies the children are to learn not so much science as arts, ing which will be of the utmost value to them in school and in life.

8. As children move along through the school grades they should become over the important crisis by a sugges- conscious more and more of the scientific order and system that prevail in be understood by a full explanation, studies. There is a scientific framework in every study. The principal story, and then the line drawn beyond fundamental principles which give which he must not go, and never has unity and correction to the parts of a should be seen in their importance. As children advance in their studies they are capable of a better grasp of

nia one of our delightful experiences 9. Knowledge should be so selected came to us through the vocal entertain and presented to children that it will ment of the mocking birds and mendow awaken a natural and spontaneous inlarks. Of the meadow lark 1 now terest. There may indeed be many sewrite. It is a joy forever to have liss vere tasks and knotty problems to be tened to the incomparable notes of one worked out, but even these may often of those birds, which, cradled on the three contribute to a growing and

yptus, bending beneath the weight of 10. Children should be trained in the bird, and swayed by the passing school to think and reason, to exercise breeze, poured forth its soul in Irre their own judgment, to be independpressible overflow of song, in tones ent, self-reliant in thought and deed. ively life, and it is for this reason that Their minds are not so much to be

ing of teachers is seen when one recalls to mind the fact that the entire upward movement of the elementary

schools has been initiated and sustain-

ed by the employment of professional-

ly trained teachers, and that the in-

crease of urban population has made

it possible. In the Normal School the

candidate is taught the history of edu-

cation, the approved methods of in-

struction, and the grounds of each

branch of study, as they are to be

Fuggestions to Superintendents

The Wisconsin State Board of Health

makes the following suggestions to the

county superintendents of that State,

to the end that the public schools may

1. To clean and perfect all sources

of water supply of their own, to furnish

2. In the absence of a better system

such.

pinnings.

as soon as possible.

least twice a month.

good order.

age of pupils.

pupil,

children's feet out of the mud.

7. Rooms should not be over-crowd-

ed; not less than fifteen square feet of

floor space and 215 cubic feet of air

space should ever be allowed to each

8. Blackboards should not be placed

between windows; the surface should

be dead black, not glossy.

be placed in good sanitary condition:

STYLES FOR THOSE WHO WANT TO LOOK PRETTY.

Colors that Are and Those that Are Not Fashionable-Gray Shades Scen Seen Everywhere-Percaline Lining No Longer Mistaken for Silk.

Fashion's Late Fancies, New York corresponde

EW better opportunities are presented to the in vestigator of fashions to enable her to appreciate the vast amount of details at the hands of the dress designer than in consideras tion of what col-

to prepare the windows and transoms ors are and what so that ventilation can be had without are not fashionablue. It is not putcausing drafts, and that all schools inting it too strong to state that more troduce improved ventilating systems colors are permitted than are forbidden. Among the reds cardinal red is 3. To place buildings in good repair. not worn this year, nor any of the with tight floors, good roofs and undersimpler and primitive shades. Cerise coral, deep wine and mulberry red are 4. To see that the grounds do not per used, the two latter ones rather for mit standing water, and to prepare older people, but red is not generally in gravel or board walks to keep the favor. All kinds of green are much used, though the dull shades tending 5. Suitable closets for each of the to sage and bronze are less liked than sexes to be provided with every school bright grass, lettuce, chartreuse and house. They should be situated so as hunter's green. The favored blues are to secure privacy, he kept in good returquoise and the standard navy that pair and cleaned and disinfected at is never out of style." Browns hold their own always, but the artificial 6. The rooms should be so warmed shades like tobacco and cinnamon are as to maintain an even temperature. discarded and the old-time red terra and all to be kept comfortable; stoves (or, better, "terror") cotta is never seen. and furniture should be safe and in

nied that there is a cultural side to Gray is seen on every hand. It is worn pedagogical studies, especially in the in the delicate romantic shade that the line of the history and the philosophy impoverished but virtuous stage heroof education, the teacher cannot be the ine affects when she marries the young embodiment of culture in its highest man of her choice, and proves that she forms unless he give no small degree of is poor and domestic by wearing a dove his energy to the study of literature. colored gray gown, with white muslin Literature is specifically and distinctcuffs and collar, and by laying a table

over gray silk. Concerning these loose fronts it may be said in general that the folds grow more and more exact. and the fit of the lining to loose waists becoming more and more absolute.

It is no longer the thing to line gowns with crinkly percaline, for the careful car has become trained and it no longer mistakes the crackle of the vulgar material for the soft swish of silk. So to crackle is not to pretend silk, but to confess percaline. The correct skirt hangs without any stiffness, and silk with no interlining is the proper inside finish. Such a skirt is the one that

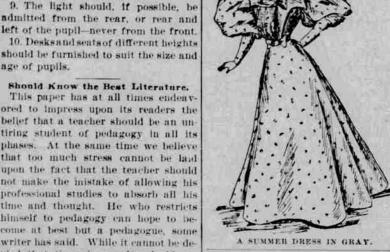


MIDWAY PUFFS.

next received the artist's attention. It certainly should be correctly made inside since it is on the outside so harmoniously adapted to the jacket bodice that tops it. The skirt's material is lavender figured silk, and it has two panels of accordion pleated mauve silk poplin. From this latter material the bodice is made. It has a wide Louis XV. vest of guipure over lavender satin, which is ornamented with two rhinestone buttons in the waist. The material is shirred several times on the shoulders, forming a head, and also in the waist, in lieu of a belt, the stuff springing out into panniers on the hips. A collar of lavender chiffon is worn, and above this the wee toque would be almost invisible were it not for corresponding chiffon bows.

If the peaceful injunction, "Let bygones be bygones" has any application to matters of dress, then crepons should be left severely alone, for they are certainly well gone by. Only the most careful and elaborate making up -silk lining, novel effects, etc., can relieve the stuff of commonness, and even then the gown is likely to excite pity rather than admiration, folks imagining that the wearer in misguided fashion spent a lot of money on the material before she realized how rapidly it was falling into disfavor. Of course the stores still hold lovely weaves that are remarkably cheap, but it won't do. If money is an object, then get some other material that is also inexpensive and not so conspicuous as crepon. Take some of the pretty heather mixtures that are seen in so many new gowns. One of these was employ-

Sign.



with the cover very crooked and with

them. If the railroads were only half as good and could only haul half as much it would cost the people twice as much to ride or ship over them.

It is fortunate for the people that rallroads are conducted in an organized business-like way. If the opponents to improved roads had their way the railroad would be neither profitable nor pleasant.

The people of a community are the ones vitally interested in the roads of that community.

If the farmers of each township were to get together and mutually agree that they would go about it in an organized way to build and maintain a system of good ronds their sum of happiness would be increased.

Since the people pay for the roads why not have those that are cheapest and most pleasant-the best ones.

In Holland, where they have the best roads in the world, it is said that a farmer will haul, with a team of large dogs, as heavy a load as can be drawn over a bad road with a team of horses. This reminds us how dog-gone bad our roads are.

This country has 1,300,000 miles of common roads. This would encircle the globe fifty times, or go to the moon more than five times. But if most of them would go there just once and not come back, earth would be just about as happy.

He Liked to Be Sick.

Imaginary and fashionable discus are among the most painful and vexations annoyances of the physician's life. One venerable doctor, Dr. S. C. Busey, of Washington, goes so far as to say that but for them, men of his profession might hope to live as long as the average of people! "Every community has its drug fiend," he remarks; and he proceeds to describe an example, "a small, red-haired, very bad-tempered man, who may once in a while have been actually sick, though oftener hthought he was sick, and oftener still was trying to make himself sick."

On one occasion I was summoned at night in impetuous haste to hear this man's story of the sudden loss of the senses of taste and smell, and indeed of general sensation. I found him sitting bolt upright in an armchair, his red hair standing on end, his face flushed with rage, and his mouth pouring out volleys of curses.

The spectacle was as ludicrous as it was sad, though the man's poor wife was in a condition of terror. I knew him well enough to believe that it was "all cry and no work," a pretence to frighten his wife for some fancied inattention or neglect. I knew, also, that his love of deception was so great that promise; it pops.

modulated as to place this songster molded as to be developed in every beyond the possibility of a rival. We proper direction.

were horrified, later, to see by a San These are at least a few of the simple Francisco paper that these songsters requirements which most teachers will were being exterminated by the hunt. agree to .- The Pacific Educational ers, who killed them for the markets Journal.

> A Criticism by Dr. Harris. In an article on "Elementary Educa-

tion," contributed to the May North American Review, Dr. William T. Har ris tells the following about what h

delivered an illustrated lecture in which calls pedagogy craze for novelty. he showed photographs of the Lee-Met-While the old education in its exclu ford bullet as it passed through a quarsive devotion to will-training has ter-inch sheet of glass. Just before the slighted the intellect and the heart (or bullet touched the sheet the air wave feelings), the new education moves cut a disk of glass about half an inch likewise toward an extreme as bad, or in diameter clean out. At the same worse. It slights direct will-culture time the glass around the hole was and tends to exaggerate impulse and crushed into powder and driven back inclination or interest. An educational at an extremely rapid rate. The glass psychology that degrades will to destuck to the bullet for a short time sire must perforce construct an elaborafter it had passed through, the disk ate system for the purpose of devel being driven out in front of the "bow oping moral interests and desires wave." In this experiment the waves This, however, does not quite succeed caused by the vibrations of the glass until the old doctrine of self-sacrifice were plainly shown. A photograph of for the sake of the good is reached. the bullet after it had cleared the glass

"Our wills are ours to make them thine."

of the glass intact, but when the bul-The philosophy of the Bhagavad let had proceeded another sixteen Gita holds that the goal of culture is inches the sheet of glass was seen to to annihilate all interest and attain absolute indifference; this is adopted by

Buddhism in the doctrine of Nirvana. Indian renunciation reaches the denial The production of aluminum in this of selfhood, while the Christian doccountry has increased from eighty- trine of renunciation reaches only to three pounds in 1883 to 850,000 pounds the denial of selfishness and the adopin 1895, and the estimate for 1896 is tion of altruistic interests. However 3.660,600 pounds, the process s for mak- this may be, the pedagogic impulse to ing it having been greatly improved. create devices for awakening the inter-The price at the reduction works est of the pupil becomes sometimes a ranges from 50 cents to 55 cents a craze for novelty. Change at any price pound. Applied electricity explains the and change of any kind is clamored ease with which the light metal is now for. It is a trite saying that change is

not progress. It is more apt to be movement in a circle, or even retrogression. An amusing example was

What Weyler's Silence Means. lately furnished in educational circles. Gen. Weyler has gone on a new tack. A superintendent of rural schools de-When he was asked about the report that twenty-four Cuban citizens had fended their want of classification as been taken out and shot he said that an advantage. It was "individual instruction," and, as such, an improvehe knew nothing about it. The New ment over that of the graded schools York Sun says there could be no plainer of the cities. His reactionary moveintimation to his subordinates to go ment received the support of some of

the advocates of educational reform, on the ground that it was a new departure. This happened at a time when one-half of the school children in the

common salt is thereby protected United States are still taught, or against decay, especially when placed rather allowed, to memorize their textbooks by this method! The sub-committee on training of teachers and on

a woman attending church in the mid- the organization of the city school system have brought forward, in their respective reports, the latest devised There is one thing we have always measures for the perfection of normal admired about pop corn: it keeps its schools and the procurement of expert

supervisors for city school systems. In its hind legs.

we would have every teacher intimately nothing on it but a sugar bowl and two acquainted with the best literature of plates. From this delicate shade fashall ages. The teacher who knows symion deepens to all stones and also runs pathetically the best of the worlds litinto dull blue gravs. The stone shades erature lives in a higher and richer world than the teacher who contents himself with mere information. He is consequently a greater power among his pupils both in and out of the school room,-Journal of Pedagogy.

Save Time.

Learn to do things in the most direct dresses that are simple and domestic. way, in the way that takes the least Particularly handsome and dressy coswork. If an interest problem can be tumes are seen in this shade, and two solved by writing twenty figures, then of them have been chosen for these the method that requires twenty-five first two pictures. The first is made figures is wrong, even if it does "get of gray crepon gauze over a gray slik the answer." A man might go from foundation. Its bodice has a yoke of Chicago to New York by way of Alasian guipure over white satin with a point and finally reach his destination, but it that is ornamented with the dresden would not be the right way to go unless ribbon bows extending down the censight-seeing is his object instead of ter of the front to the waist. The belt business. It it is possible to save time is of the same ribbon as these two by adding two columns of figures at a bows and fastens at the side with a time instead of one, it will pay to learn third bow. Bretelles of plain gauge to do it. Remember that extra labor and a collar to match with a pleated means extra time, and that this extra bow in back make further trimming for the bodice, and the sleeves consist time costs extra money.-Exchange. of two puffs over a gray foundation.

Need of Computation. The second employment of gray was

In school relations there is need of in a summer dress of a coarse poplin some compulsion. Of course many de laine that was embroldered with cases of disorder could be checked without this aid, if the teacher were more perfect. Still he is associated with imperfect pupils and imperfect appliances. This being the case, he would hardly feel at home if he had reached anything like approximate perfection. Notwithstanding he knows that he has shortcomings, he ought to hold his pupils to reasonable requirements. Only in this way can a school be kept in a vigorous working condition.-Educational Exchange.

In talking about his father, the late James H. Beard, Dan Beard, the art ist, of Chicago, said the other day: "He painted the portraits of the long list of distinguished men-Clay, John Quincy Adams, Zachary Taylor, Will iam Henry Harrison and others. While painting Taylor, father said to him: Well, general, I suppose you are to be our next President? 'I hope not.' grunted the bluff old hero. 'No milltary man has any business in the Presidential chair, but if they offer it to me I suppose I'll be ---- fool enough to accept it.' And he was.'

E. C. Benedict, President Cleveland's Wall street friend, who lives at Greenwich, Conn., has bought the American club grounds at Greenwich, on which he will build a fine summer residence. in which, it is rumored, the President will spend some time this year.

One variety of the cricket has be ears

are especially suited to elderly women who do not like to go into black, and who yet prefer dark cloths. Black for facings or braidings combines with these stone grays with excellent effect. Gray is not relegated exclusively to the elderly or middle-aged, nor to



ed in the original of the fourth sketch. a rig that proclaimed its newness by the novelty of its design. Its tacket bodice had fitted back and sides, but the front was boxed. At the shoulders in front only were boxpleats of the goods and three crescents of the stuff ornamented the front, being in turn set off with buttons. The novel sleeves were very wide and were laid in pleats half way down the upper arm, allowing the stuff to spring out full at the elbow. Bishop sleeves are now very plentiful, and not a few designs of sleeves that inclose the arm tightly from wrist to shoulder but that drape

It with an outer puff are to be seen. Pretty, simple summer dresses are made of striped dresden wash silk. The model shows a redingote of the silk that opens wide at the throat, turning away with shawl revers from an under bodice of white. At the belt line the redingote almost closes and then it spreads out again to show a narrow panel of white. Of course the gown is all in one, but for those who do not like coats and who are tired of round waists and like princess effect, this model serves charmingly. A simple model for utilizing striped stuffs is the subject of the final sketch, the goods in this instance being a light-blue and white striped silk. The bodice fastened at the side and had a stiff stock collar of the silk, the garniture consisting of a drapery of fine lace on one side and three jeweled gold buttons on the other. The sleeves were shirred at the top to gain the drooping effect and were finished with lace ruffles.

Copyright, 1894. A dog is fully grown at the end of his second year.



small gray slik dots. It was made in an untrimmed godet skirt and in a short fitted bodice whose lining fastened in the center. The revers widened at the shoulders and formed a narrow turned down collar in back. They were of pale gray faille and the same shade of satin ribbon have the stock collar and the straps at bust and