Taught in Schools.

STUDIES.

By Mrs. S. E. Revelle, Hartington. the programme of studies in our pub- electricity, etc.

the Farmers' Institute, which was ad-

everything he meets, growing rapidly lingelo:

both mentally and physically. Happy the child, and happy the teacher of such a child, when he arrives at gold." Who has not had trouble in such a child, when he arrives at school age, if the eager little enquirer possess a kind and judicious parent, not content with attending to his physical well-being merely, but realizes the infinite importance of these early years, and who knows that the habits of investigation, of thinking, of talking, of acting, formed at this period, may affect his whole after life. School age arrives—unfortunately fixed at the tender age of five—two or three years sooner than any child should be shut up in a school-room for five or six hours each day, but so it is, and the parents are anxious that their hoy start to school and "get along" as they expensed the form, the plumage, the bright eyes, the tiny feet—and a chance to examine the form, the plumage, the bright eyes, the tiny feet—and a chance which some pupils may not have again. Every home does not possess a tame canary, and even

contract with the things of nature, in possess a tame canary, and even touch with everything about him, his pet animals, the birds, the flowers, ar. rives at the seat of tearning, bring tame pet.

ing with him a breath of the clover, Does this tend to disturb the conits of the almost discouraged teacher for teachers do grow weary and discouraged occasionally). He is builting over with intriest in everythirs eager to tell what he knows, looking for appreciation and love; shall we be cruel one of the course of the moment's relaxation. Of the moment's relaxation and its attendant extends the moment's relaxation. Of the moment's relaxation and its attendant extends the moment's relaxation. Of the moment's relaxation and its attendant extends the moment's relaxation and

or meaning for him. By all means, the pupil and his interest dies out On starting the study of corn, he school-room, and let it serve to mere routine.

only the three "R's" the learned much-abused and long-suffering body of philosophers—answer "Yes," otherwise they would never have placed it on the sense. This feeling on the part of the teacher of nature study it is world of nature coming culum some years ago; and parents must be overcome, and it with this decision every whole-souled, sometimes necessitates considerable has been said in the past, and not co-operation of the parents with the without reason, that nature has been | teacher is greatly to be desired and from the schoolroom. Even must be secured if possible, otherwise present time it is surprising the | the interest of the child is apt to flag. many intelligent people, as to the way, and with parents and children, total absence of anything resembling both interested everything will go the study of nature in our public smoothly. After all, parents worthy schools. It was my privilege to be the name will naturally be interested

This gentleman spoke at some length had "no time" to teach one of the supplied with specimens. They will on birds, their habits, nature of food, other subjects say, geography. One vie with each other in their collection etc., and showed the great benefit to the agriculturist these feathered friends of ours prove to be. In the course of his remarks he deplored the fact that in our public schools almost all the time was given to reading, writing and arithmetic. "No place," said he, "is given to the study or observation of the initural objects surrounding the child." Now, knowing that the sub-tiect of "Birds" was particularly dwelt in the collectual faculties aroused, or his interest of "Birds" was particularly dwelt in the collectual faculties aroused, or his interest of the collectual faculties aroused, or his interest of the collectual importance in the collectual faculties aroused, or his interest of the collectual faculties aroused for the collectual faculties are collectual faculties are collectual faculties are collectual faculties aroused for the collectual faculties are collectual faculties are c before it forms the foundation for on in our schools, in fact having shortly before taken up the different classes of birds, their beauty, their uses, etc., with my own pupils, and having found as usual that these several lessons were amongst the most interesting of the whole year, and not only this, but having read with the only this, but having read with the presumption on the part of an insignificant country school ma'am to gainsay a dignitary sent out by this august body, I was "e'en obleged to
thole it," as the Scotch say. Of course
it is needless to add that this gentleit is needless to add that this gentlesantly and profitably. "But," asks
some one, "is this all the nature study
and profitably. "But," asks
some one, "is this all the nature study
taught during the week?" Oh, no!
The Canadian Teacher some time
ago gave an article on that time
thonored ballad, "Mary's Little Lamb,"
not enable him to bestow happiness on
the nature day and see them not, listen to
the animals present. We even adopt
the animals present. We even adopt
the animals present. We even adopt
the animals present. It was re
every day and see them not, listen to
the animals present. We even adopt
the animals present. The canadian cat which wandered along
and fed and cat which wandered along
the animals present. The c ury a new era has dawned. The presents many different phases, and hild is no longer a machine, into for which innumerable opportunities would not have "out have "out " but through life with eyes, ears and hear would not have "out " but through life with eyes, ears and hear would not have "out " but through life with eyes, ears and hear which we cram a heterogeneous mass of so-called educational ingredients, turn a crank and presto! we have a learned product not easily defined, but a living, breathing atom of humanity, able to think, observe and discover any subject even in that to some pure.

the eager baby, with nerve to examine Pussy and bring the corter? When cropping grass one crops physically and mentally, but is of integration the grass inward, the other outward. Sinite importance in his spiritual dancing sunbeam, slanting across the floor—alas, only to find that it cludes his grasp, and that his hand closes to one mptiness—a foreshadowing, by the way, of his later experiences in life, when he shall learn by sad experience that the bright and alluring fancies which he pursues with such eagerness, turn when he grasps for them to nothingness, and are as "The apples on the Dead Sea shore, all ashes to the beauting of the cell-making, the gathering of the taste."

Thus the child up to the age of five. Thus the child up to the age of five years searches, inquires, questions, pollen from flower to flower. You studied partly by contrast, especially with mushrooms and cattle—would be better dealt with in that way. Our lesson on Fungi was studied partly by contrast, especially with mushrooms. The Great Teacher set us an example of the words of Bishop Heber:

"Where every prospect pleases and cattle—would be better dealt with in that way. Our lesson on Fungi way. The Great Teacher set us an example of the words of Bishop Heber:

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"Where every prospect pleases are the words of Jean way." Our lesson on Fungi way.

The little fellow, fresh from his have again. Every home does not

the dandelions, the huttercups, among which he has spent his days, and scattering the heartense of sweet-ness and innocence on the weary spir. its of the almost discouraged teach—it with renewed vigor, all the fresher old, reliable family remedy, Dr. Morse's tato crop.

gagerness and the longing, to shut study? Some have said, "We must tertown. Some persons were po

introduce the elementary work in But should not the teacher have broom corn. I spoke to the boy those other studies, which he finds to some aid in the preparation of the belonging to the home, who brought be later on, both interesting and im-portant. We had thus a the great work of nature outspread good opportunity of observing the This from the child's standpoint. before him, a never-failing and ever-But there is another all-important varying supply. But some may not differences between these and the comreason. It lends to the co-relation of find this sufficient. There are numer mon field and garden varieties, of the studies. Nature study tays the our works dealing more or less with the which the pupils brought specimens. foundation for other studies. It is the subject. The following have been The subjects for study vary accord-BY NATURE STUDY FOR OTHER mucleus of physiology, geography, found useful: First, there is the ing to the season. The leaves just botany, zoology, physics and chemis- Canadian Teacher. This, although of now, present the best selection. Com-

Lack of Time is Urged Against it by nature study in the lower grades will work by Dearness, "How to Teach the are the caterpillars. They may be Some Teachers-It Will, However, be found to differentiate into the var- Nature Study Course," and also procured and allowed to form into Pay the Teacher to Teach it, for Pupils Will Grasp Things More Easily.

Nature Study Course, and also cocoons. Some may be preserved in Stories in Agricultural College, Make a place on Stories in Agricultural College, Men purchasing books for Guelph. When purchasing books for Shall nature study have a place on the programme of studies in our public schools?

Nature Study Course, and also cocoons. Some may be preserved in Stories in Agricultural College, Men purchasing books for Outario Agricultural College, Make a place on Stories in Agricultural College, Men purchasing books for Stories in Agricultural College, Men purchasing books for Outario, by McIlwraith, a plants and animals, of light, heat, electricity, etc.

"But" some one says, "this the all outself of the Ontario Agricultural College, Miss of Course," and also cocoons. Some may be preserved in Stories in Agricultural College, Miss of the Unitarity of the Unitarity of the Ontario Agricultural College, Miss of Guelph. When purchasing books for Outario, by McIlwraith, a very excellent work, giving a concise account of every kind of bird known account of every kind of bird known is a weed in certain places may what is a weed in certain place in the following may be preserved in Agricultural College, and the contract of the Ontario Agricultural College,

Regarding the material for examin-Another difficulty urged by some very much about that. Let him once what would be thought if we said we and they will keep him abundantly

pupils Burroughs' interesting work, 'Birds and Bees," which as you all know has been prescribed by the inspectors for our supplementary reading, I was rather dumbfounded at this interesting work, 'Birds and Bees," which as you all both teacher and pupils if they have labored faithfully all week, have beunwarranted statement. Being handi-capped, however, to a certain extent, as no ladies were speaking at the meeting, and it would have seemed less strenuous mental effort are, there- by all means. When tural objects surrounding them, Many on on the part of an insig- fore, the most suitable. Dullness and taking up the dog and cat we had people look at the beauties of nature

a living, breathing atom of humanity, able to think, observe and discover for himself.

Let us, therefore, look at a few of the reasons for teaching nature study in our schools. First, it is that study which appeals most directly to the nature of the child. The objects surrounding him attract first the eye of the infant. Notice how his eye follows every bright or showy object. Soon he reaches forth his hand to seize it. How often have we seen the eager baby, with nerve tingring with desire, grasp at the

him all the beautiful world have a text-book." If by this they by eating toadstools in place of of nature which he has so loved, and mean a text-book for the pupil we mushrooms. Another argument for fasten him down to a dreary routine say emphatically, "No." Nature study nature study. Were persons taught to of grind, grind, grind, on things which is essentially an observation study. distinguish between the species such at that age have very little interest Place a text-book in the hands of tragedies need not occur.

No! Let us bring a little nature into at once. Nature study becomes a I learned that a farmer in the vicin-

try, and includes language work, much aid, will scarcely be found to pare the leaves of the different trees, composition and drawing. What is cover the whole course. Next comes a their snapes, color, etc. Then there ic schools?

"But" some one says, "this all to be found in Ontario, with a debe a useful plant in others. Have the scription of their nest and eggs. It pupils make a collection of all the seem irrelevant, but when it is found difficulties." Certainly, and there usuthat many teachers either fail to ally are in anything worth the underteach it at all or teach it in such a taking. Let us examine them Stranze teach it at all or teach it in such a taking. Let us examine them Strange every school library. We also bought snow-flakes, the ice formations, and at the same time "The Fairyland of the delightful prospect of now and they fall short of the great aim of culties may be with the parents. Some Flowers," by Pratt, a sort of illustra- again a day when our old earth is this most interesting and fascinating parents, who if they have ever attendsubject, the question may seem one of ed school at all, have been taught invaluable assistance in the study of land. Every branch on every tree is what is our answer to the question? The educational department—that to, seem to consider it a mere waste to seem to consider it a mere waste to, seem to consider it a mere waste tors, has presented each school with birds may now be studied, also the

These are only a few of the many nests. In July and August the puworks which will prove of advantage. pil is out of school, but if the train-Many very useful articles are given ing during the rest of the year has Star of September 21st an excellent a most fruitful time for the pupil. He article was given on the "Value of will gain for himself a wonderful Pirds to the Farmer." This might amount of self-knowledge, and will return to school not only invigora-

ing plants. These not only beautiful

The Great Teacher set us an examstudied partly by contrast, especially with mushrooms and toadstools—one wholesome and nutritious, the other baneful and poisonous. Some weeks around Him—the sparrows, the grain ago a tragedy was reported in Wa- of mustard seed, the lilies of the field. How true these words, birds and bees and butterflies, tell of God's love : It cintillates in the stars, it radiates dewdrops, it ripples and sparkles in the eddying currents of the brooks and ivers. Leaf and bud and blossom reeat the story until all nature unites There are few diseases that cause more in one grand pagean of thanksgiving, the beginning and the ending of which is

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The rough, unkept forests of Ire in the church where he worshipped life, have, too, their charm after the of Elizabethan life. One can get back park-like woods of England. True, there to some sympathy with that sain. Tried medicines, but they failed, the Irish forest is often made up spacious time, which I at least find pain. Tried medicines, but they failed. I was advised to try Dr. Morse's Indian more of scrub than trees, but it is more of scrub than trees, but it is mossible at Shakespeare's Stratewild, and wilderness has always its thrill. The villages, too. sometimes of good health, which is due to this times convey a hint of the wild life—times convey

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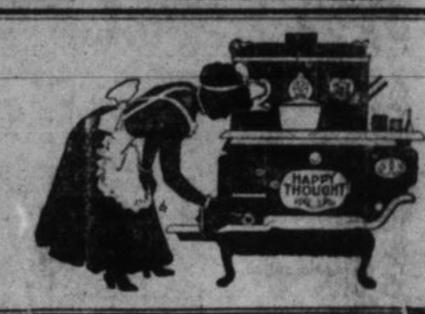
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