### FLOOD PROBLEM IN ONTARIO MAY SOON BE AS SERIOUS AS IN OHIO UNLESS PROMPT STEPS ARE TAKEN

Every Year Sees Greater Risk to Human Life and forts, nor can it best be accomplished Damage to Property-Writer Says Streams Can Be Made Safe, Navigable and Power Producers.

Has Ontario a river problem like that conserving the enormous waste water, not only for producing electric probably in the world." and irrigation as well? These are the commercial assets and at the same questions the Ontario citizen has been time avoid jeopardizing the lives of

our rivers. The property damage has swer it should be the Ontario Govbeen enormous, and the loss of life, ernment. With commendable persist although smaller than would have been ence deputations from Grand River amples of floods in the last three tion. Up to the present nothing has floods on the whole Grand River system (which is the real danger point blesome river flows, stated a few weeks in the province) on the River Boyne ago that a hydrographic survey of the at Guelph, the Saugeen at Southampton and Durham, the Rideau at Ottawa, the Big Head River at Meaford, and the Thames at London and Chatham. This spring has seen still more ture. Among the many points threatened on the Grand River are the imusually flows past in six months!

Two Aspects of the Question. There are two aspects of the ques- | would ask for equal treatment for tion, the preservation of life and prop. themselves. This same factor operates erty, and the economic problem of to delay other public works. securing a uniformity of river flow to stated freely, for example, that the produce electrical power and to provide regularity of navigation. As for the ment in giving a substantial out and danger to human life, we have been fortunate up to the present, but we should be prepared for every emer gency, and keep the element of safety

The commercial advantage of an even flow of river water is undoubted. What and the drainage of swamps must bear it means for navigation the people on the blame. Woods at the source know to their cost, when in the summer, the river is but a trickling stream. In the olden days, before the railroads held the water back and tend to In the olden days, before the railroads hold the water back, and tend to came, barges carrying coal, went as far

## THE GREY NUNS

Many of the leading institutions throughout Canada have now adopted have a more immediate aid, and there-Zam-Buk as a standard preparation fore they build dams to store the water enunciation is encouraged, rather than child's interest, the subject is prewithout equal for skin diseases and injuries. From the St. Patrick Asylum, Ottawa, comes the following:

cuts, sores, and skin injuries, and shall

"Yours sincerely

[By Jack South in the Toronto Star | this extract from the report on Water Powers, issued by the Canadian Conservation Commission: "The uniformity of the flow of water greatly afof Ohio? Are we at all likely to have, fects the values of water powers situeven on a small scale, a flood disaster ated upon the various watercourses. like that which overtook Dayton and For example, the St. Lawrence, owing the other cities and towns along the to the great storage capacity of the Miami River? Is there no way of natural reservoirs found in the Great preventing the annual floods, and of Lakes, has the most uniform flow of of any large river in North America, or

but for purvoses of navigation This is the problem: Can you secure asking himself during the past week, the people who live along the river Floods are common on a number of banks? If anyone could give an anlarge enough to warrant sections have waited on the cabinet in alarm. Some of the best known ex- the last five years and have urged acyears are the ones on the Credit, near been done. The Government in an-Toronto, on March 7, 1910, and the long swer to a question by Thomas Marlist in April, 1912, including the severe shall, M.P.P. for Monck, one of the constituencies through which the trouat Alliston, the Sydenham and the Pot- Grand River watershed had been made tawatamie at Owen Sound, the Speed by a Government engineer. It is strange that such a report had not been made public before this time; it is likely, however, that the long silence will be broken soon. There is a motion before the Legislature now for the production floods, and apparently the event has of all reports on the subject, and, morebecome established as an annual fix- over, the Grand River Improvement Association has held another meeting since the Ohio floods, and has deterportant cities and towns of Brant- mined to send a still larger deputation ford, Galt, Caledonia and Dunnville. An to the Prime Minister and impress him dea of the rapidity of the flow of with the fact that something must be water at flood tide may be gained from | done. One of the reasons assigned this the estimate of City Engineer James, week by a member of the House to exof Brantford, that on one Sunday in plain the apparent apathy of the Gov. April, 1912, twice as much water passed ernment is that if any comprehensive through the river at that place as scheme should be adopted for the Grand, constituents in the neighborhood of all the rivers in the province

> Government would not hesitate a moout gift to the permanent Toronto-Hamilton roadway scheme, were it not afraid of the consequences Causes of the Floods.

The chief causes of river floods are enerally agreed upon. Deforestation streams and along the banks check the him many future treasures. The maequalize the flow. Swamps perform The figures of fina similar service. repeat itself, and the towns along the rivers that could be made navigable at small cost, be freed from railroad monopoly. As to generation of power, read of the deforestation theory. In 1900 opoly. As to generation of power, read of the deforestation theory. In 1900, the loss was \$45,000,000; by 1909, it had grown to \$238,000,000. And 1913 to the rest of the class, in order to see and the distribution of the deforestation theory. In 1900, former is used, pupils are encouraged to tell what they have read afterwards and self-reliance.

As regards arithmetic it might be to the rest of the class, in order to see asid that this is the drill year for will be the largest yet. The only given that they have read afterwards and self-reliance. will be the largest yet! The only guaranteed, effective cure for the flood The power they have grasped the thought, addition, subtraction and multiplication, and find they have grasped the thought to in. If the child misses at this period problem is to restore the forests. This the use of phonics enables them to a certain "line, upon line, precept upon is a big task, however, and some peo- make out for themselves the majority precept' training it cannot be made up ple cannot wait till the process of re- of words, and most of them take a to him afterwards. In order to preforestation is completed. They must great pride in exercising this power, vent this constant drill from becoming which is let off gradually when needed. an attempt to give a forced elocutionary sented in as great a variety of ways as

The advocates of dams and reser-expression, unnatural to the child. possible. Use is made of the play in-

veirs have several important authori-"Gentlemen,-In the orphanage de- ties in their favor. For example, in partment of the asylum, we have his first message to Congress in 1901, found Zam-Buk very good for healing Roosevelt had this to say: "Great storage works are necessary to equalize the flow of streams and to save Yours sincerely, the flood water. Their construction in a distinct and clear tone, stories hills, and running races with his com-

undertaking too vast for private efstoring of floods in reservoirs at the nead waters of our streams is but an enlargement of our present policy of that place, when discussing the questiver control, under which levees are tion this week. "I should be in constant uilt in the lower stretches of the same streams. The Government should construct and maintain these reservoirs as it does other public works. Where their purpose is to regulate the flow of streams, the water should be turned freely into the channels in the dry season to take the same course under the same laws as the natural

The Great Big "If." There is no doubt of the commercial isefulness of dams and reservoirs, and also their protection to human life by It was six miles long, and extended floods-if, and in this case the IF should be written in as large capitals as the type allows, and the reader should imagine that it is still larger-IF the dams don't break. But a study of the floods, not only the last in the States, the famous Seine floods in 1910, which brought deaths to the rural localities of France, and sensational property loss and inconvenience to Paris, and our own water disturbances in Ontario forces the belief that the building of dams is risky business for in all these cases the news accounts are full of the expression, "The bursting of the dam caused the worst devastation," or "increased the extent of the disaster." Take a couple of examples close at home. The electrical power dam on the Credit River at Erindale broke in the spring of 1910, and again in 1912, and considerably heightened the loss from those floods. In April, 1912, the dam at one of the erty.

a growing knowledge of his own men-

cover for himself, through his own

natural love of stories, that the ability introduced here.

al powers

mills right in the catre of the city of Owen Sound burst during a period of river stress, and the rush of waters submerged a part of the business section. More spectacular instances have occurred at Dayton, Akron and Peru, and, in 1911, at Austin, Pa., not to mention historical examples further back last century.

Many Small Unit Dams.

"I wouldn't live in Fergus if there was a big dam or reservoir on the Grand River above the town," was the emphatic statement of a citizen of terror." This opinion is a natural one, and is probably shared by a large num. ber of people in Ontario. The only apparently safe way to build a big reservoir is to have it spread over a arge area. This, however, the expropriation of a lot of territory or both sides of the river for a long way back. This would be an expensive proposition, although quite feasible. The trouble is that there would always be the example of one at least of the reservoirs in the Ohio country

the dams that burst. is retarded to a very appreciable extent, and the energy of the flood di-minished. The work evidently should possible, the efficiency of the work.

ito and correlated steps have been benefits from the rivers of the provevery safeguard human life and prop-

is given in order to impress these cor-

 $THE\ PUBLIC\ SCHOOL$ 

transition natural and pleasant, while to encourage distinct and clear utter-

portant connection between learning to to make them a habit of speech. Writ-

read and reading to learn. In order ten work is given in the form of short

merous stories cut from magazines and writing involved in spelling and com-

The principal aim in the composition stinct of the child, and he repeats the

work in this grade, is to get the pupils different tables and unconsciously fixes to express their thoughts fluently and them in his mind while running up and

naturally, and in as good language as down imaginary stairs or ladders, run-

result, they are required to tell orally, rades. Operations in applying the

As a means to attain this ning around racetracks, climbing over

visits to the market or to different stores, purchasing articles and making out bills for the same. Measurements are performed, using such units as inch, foot, yard, pint and quart, and the relation of parts to wholes, such one-half, one-quarter, one-third

The aim of the geography and naure study in this grade is to help the child to better understand what he sees around him, to encourage him to investigate for himself and to broaden his sympathies and interests. To do this his attention is drawn to local factories and industries with their output, sources of food supplies, where, and from what common objects are obnatural phenomena as clouds, rain, winds, temperature and seasons their special characteristics. Physical conditions around the city are noted such as river, hills, trees, birds, etc. Attention is drawn to public buildings and places of historical interest. This all forms a good foundation on which o build the more formal geography of succeeding grades.

To excite an interest in history, the It was six miles long, and extended life and work of early explorers, inof stories. Comparisons are made be-There is a last resource to fall back tween pioneer days and those of the on and it sounds like the best of all present time, and the idea of the the building of many small unit growth of a settlement to a city is dedams on the rivers near their sources veloped. Pictures cut from magazines ones in Ohio, but all the serious ones and on their little tributaries. By this and papers, and the use of the sand means, the wild flow of the waters table, make real and vivid many facts in history and geography, which are otherwise unintelligible to the child.

In teaching spelling an effort is made be done either by the Government, or to impress particularly on the mind under strict governmental supervision such words as the child needs to use and control. No expense should be in his written exercises and those spared to insure, as far as humanly within his own vocabulary. A constant repetition of such words being Whatever the solution-the difficul-inecessary, only three new ones are y faces the people of Ontario, and introduced each day, the rest of the they should not be satisfied until defin- period being taken up with reviews of former words. Pupils are encouraged taken to get sufficient commercial to notice words on signs and wagons on the street, as this trains the eye to ince, and yet above all, to protect with readily grasp correct form. Most pupils enjoy learning new words for hemselves, either in this way or

through their knowledge of phonics. The fact that without a healthy body the mind is sadly handicapped makes the subject of hygiene always an important one. Talks are given to the pupils on the benefit of fresh air and sunshine, cleanliness of the body and clothing, and regular habits of eating imaginary autobiographies of living things, descriptions of events, real or and drinking. The value of correct is one of transition, coming as it does between the strictly primary grades gives the toocks. This between the strictly primary grades gives the teacher an opportunity to pressed by suitable corrective and development exercises given in periods of and those of more advanced studies. correct common errors of speech, to

The aim, therefore, is to make this suggest better forms of expression, and physical training. Art work is used as a means to open there is awakening in the child's mind, ance. Constant repetition of such the minds of the pupils to beauty in forms as: I saw; I did; they were, etc., form and color around them, and to give them another medium through Here the pupil should form the im- rect forms on the child's mind, and which to express thought. Water and pupils mix different tints for o accomplish this, a great variety of stories or descriptions consisting of a themselves from the three primary attractive reading material must be few sentences, which must be compresented, so that the pupil may dismenced and ended correctly. The using pencil or charcoal. Handwork in using pencil or charcoal discovery for himself, through himself, throu simple style of a friendly letter is also the form of constructing objects from stiff paper or cardboard is of As the pupil now uses pen and ink value in training the eye and hand, supplementary books supplied by the a great variety of written exercises child's fondness for "making something

school board and public library, nu- and the constant supervision of all real." The music in this grade combines both theory and the study of songs

> sir; that is a landscape," replied the Artist haughtily. "Oh, pardon me! I thought was a fried egg," apologized the Mere Man.-Judge.

"I have a perfect horror of embon-point," said Mrs. Twigger. "So have I," chirped Mrs. Flinders. "There is always some kind of epidemic threatening our peace of mind."-Birming ham Age-Herald.

PILES CURED IN 6 TO 14 DAYS. Your druggist will refund money if PAZO OINTMENT fails to cure any case of Itching, Bird, Bleeding or Protruding Piles in 6 to 14 days. 50c.

For information that will lead to the discovery or whereabouts of the person or persons suffering from Nervous Debility, Fits, Skin Disease, Blood Poison, Genito Urinary Troubles, and Chronic or Special Complaints that cannot be cured at The Ontario Medical Institute, 263-265 Yonge Street, Toronto.

"LINSEED COMPOUND" is a reliable old English
Home remedy for — COUCHS, COLDS, Asthma, Bronchitis, & all Lung & Throat Troubles.

FREE TO ALL SUFFERERS.

### NA:DRU:CO ROYAL ROSE TAICUM POWDER

THE dainty embodiment of the queenly rose's fragrance. Made of best Italian Talc. ground to impalpable fineness, to which are added soothing, healing, antiseptic ingredients, Na-Dru-Co Royal Rose Talcum Powder keeps the skin soft, comfortable, healthy and beautiful. It is a toilet delight.

25c. a tin, at your Druggist'sor write for free sample to

NATIONAL DRUG AND CHEMICAL CO. OF CANADA, LIMITED, - MONTREAL.

# MINERVA PAINTS

Cover Better-Wear Longer-Protect-Beautify Every can contains Full Imperial Measure. No matter what your painting requirements are

### MINERVA PAINTS

Will give you absolute satisfaction, and the most



O'Dell & Bennett Hardware, Talbot Street, Opposite Market. W. Summers, Hamilton Road, Westland Bros., Wortley Road.

Ask the "Minerva" Agency for descriptive color folders



The value goes up with the volume. We're making Ford cars better as we make more of them—that's the reason we can't keep pace with the demand. Insure yourself against disappointment by getting your Ford today.

Our factories, produced nearly a quarter of a million Model T's. Prices: Runabout, \$675, Touring Car, \$750, Town Car, \$1,000 f.o.b Walkerville, Ont., with all equipment. For particulars get "Ford Times"-an interesting automobile magazine. It's freefrom Walkerville factory. Ford Motor Company of Canada, Limited. 291-3-5 Dundas Street, London, Ontario.

# THERAPION

"Prize Mammoth Long Red" Mangel

# OUR SEEDS PRODUCE Big Roots! Big Crops! Big Results

When you ask for "ROOT SEEDS" insist on getting:-

Steele, Briggs' "Royal Giant" Sugar Beet. Steele, Briggs' "Prize Mammoth Long Red" Mangel. Steele, Briggs' "Glant Yellow Oval" Mangel. Steele, Briggs' "Giant Yellow Globe" Mangel and

Steele, Briggs' "Giant White Sugar" Mangel. No other Root crops produce so large an amount of desirable cattle food for winter feeding. Insist on having them—they're the best—refuse substitutes and others said to be just as good.

Sold by leading Merchants everywhere in Canada STEELE, BRIGGS SEED CO., Limited HAMILTON

Your Bible Is Here. Get it Now Reward The Big Offer Will Close in a Few Days

possible.



Don't Miss This Offer.

Clip Coupon Found on Another Fage