

SCIENTIFIC DISCOVERY

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ORGANIZED SCHEME OF INDUSTRIAL AND TECHNICAL TUITION

Ontario Department of Education Takes Advantage of Dominion Law.

Hon. Dr. Cody announces that the department of education has made all the necessary arrangements to take advantage of the provisions of the Dominion technical education act...

Industrial Workers' Chances. The provincial scheme for industrial and technical education, in accordance with which the sums voted by the legislature and those available under the Dominion education act will be expended has been prepared by Dr. Cody and approved by the lieutenant-governor in council.

The schools and classes that may be established include day industrial schools, day technical schools, day art schools and classes, part-time co-operative classes, special day industrial and art classes and evening schools.

The day industrial and technical schools are designed to give a thorough training in the essentials of a general education as a basis for citizenship and vocational efficiency and, at the same time, furnish specialized training in the subjects and operations which are fundamental to trades and industries.

Co-operative Classes. The part-time co-operative classes and special day classes are planned to provide supplementary training for those actually engaged in industrial pursuits.

The scheme provides for thoroughly qualified teachers for instruction in both academic subjects and industrial work. The academic teachers must hold the highest qualifications as either public or high school teachers and the teachers of industrial work must be persons who have had approved technical training or trade experience and who can furnish evidence of possessing the essentials of a fair English education.

The courses of study for the day schools provide as a minimum on the academic side for reading and literature, composition, including the essentials of grammar, arithmetic, history and civics, geography and elementary physics.

On the industrial side, the courses provide for a thorough training in mechanical drawing, a study of materials, and instruction in some approved form of industrial work. The academic courses are outlined in general terms, but no definite courses in industrial work are

prescribed by the department. These courses are to be chosen from the more important trades and industries of the province.

Liberal Grants Provided. The scheme provides for liberal grants in support of schools and classes. These grants are based wholly upon the expenditure of local boards for building, equipment and teachers' salaries.

The grant on salaries of the teaching staff approved by the minister will be calculated as follows on the total salaries of the staff.

(1) 75 per cent. of the expenditure where such total expenditure does not exceed \$2,000.

(2) 66 2-3 per cent. of the expenditure where such total expenditure is above \$2,000 and does not exceed \$5,000.

(3) 50 per cent. of the expenditure where such total expenditure is above \$5,000 and does not exceed \$10,000.

(4) 33 1-3 per cent. of the expenditure where such total expenditure is above \$10,000 and does not exceed \$15,000.

(5) 25 per cent. of the expenditure above \$15,000.

The grant on both buildings and equipment will be 50 per cent. of the cost of buildings and equipment especially provided for technical and industrial day or evening schools and classes.

A circular now being printed gives in the form of an appendix the text of the provincial industrial education act, the adolescent school attendance act, which makes provision for compulsory attendance under certain conditions through adolescence, and the technical education act of 1919 passed by the Dominion government by which grants are made to the provinces to assist them in making provision for industrial and technical education.

REQUEST REFUSED

Liberty League Cannot Have Committee of House on Liqueur Bill.

T. L. Carruthers, general secretary Citizens' Liberty League, is in receipt of a communication from the acting premier, Sir George Foster, under yesterday's date, in which he states that as intimated to the deputations which appeared before him on Friday last regarding the importation of liquor into the province, and the request for a committee of the house to discuss the matter, it will be impossible to accede to the deputations' request, among other reasons being the near approach of the end of the session.

TORONTO BEEKEEPERS MEET.

The Toronto Beekeepers' Association held their annual meeting in the Foresters' Hall, at College and Yonge streets, on Monday evening, the 27th of October, and, besides transacting regular business, listened to an instructive talk on "The Mistakes That I Have Made in Beekeeping."

The officers for the ensuing year were elected and will take their places at the next meeting. They are: Mr. Clubb, president; Messrs. Brown and Wright, vice-presidents; Mr. F. Friday, secretary; Mr. Gladstone, secretary, and an assistant secretary.

The committee appointed to revise the bylaws made their report and the revised bylaws were adopted. Copies will be mailed to all members. The speaker for the evening was Mr. Osler.

Plans were suggested toward enlarging the scope of the organization to make it more helpful to the amateur beekeeper.

WILLS AND BEQUESTS

Robert Loyd, a farmer who died intestate in York township on July 28, left an estate valued at \$31,532, which will be divided among two sisters and a brother.

William Emmett Murphy, an inspector, who died in Toronto on July 5, left his entire estate, valued at \$6,000, to his widow.

Capt. Newton Kesteven-Balslaw, who was killed in action while serving in France, left his entire estate, valued at \$1179, to his mother, sisters and a brother.

ABSENTEE FINED

William G. Loney appeared before Magistrate Kingsford in the police court yesterday, charged with absconding himself from military duty with the 1st Central Ontario Battalion. He pleaded guilty and was sentenced to 90 days at the Jail Farm. He was called back, however, when the magistrate found that the act required an optional fine, and he made the fine \$250, which the young man promptly paid.

ACTION AGAINST T. S. R.

The first civil case to be started at the assizes was the claim of Emma Wilson and Isaac Gilmour, who are suing the Toronto Railway Company for \$5000 and \$200 damages, respectively, as the result of a motor car collision. Mr. Gilmour alleges negligence on the part of the motorman, and claims damages for his wrecked machine. Alex MacGregor and Gideon Grant are the counsel. The case is proceeding.

LAWYERS MUST BE READY

Justice Masten, at the opening of the fall assizes yesterday, warned the lawyers who have cases for hearing that all must be prepared to go on with their hearings as soon as their cases are called. His lordship said he did not want any nonsense in that respect, as there were over forty jurymen waiting at the expense of the public.

A DISPUTED STILL

John Wardrobe appeared in the police court yesterday charged with keeping a still at his home on Kensington avenue. Accused blamed a brother, while a sister who was in court blamed another woman. The magistrate settled all arguments as to the culpability when he fined Wardrobe \$150 and costs.

FINED UNDER O.T.A.

Sam Greenbaum paid a fine of \$200 and costs in the police court yesterday on a charge of contravening the O.T.A.



When They Went Away Singing "Tipperary"

In those brave days of '14 and '15, they were indeed the idols of the Nation. To their support Canada brought all that the weight of money could bring.

And when they came to the furnace of their testing, we acclaimed them proudly as of no common clay.

"Tipperary" is forgotten, swept like a butterfly caught in a tornado or a catch of song in the throat of death. But Ypres, St. Eloi, Vimy, Hill 70, Passchaendale, Cambrai and Mons have placed its singers among the Immortals.

In these brave days—that to some of us are still but of yesterday—Canada proclaimed herself in the fight to the last man and to the last dollar.

Well has man played his fighting part. It is our Dollar that must now redeem the pledge.

To make the Victory Loan a success is a National obligation.

If the fighting were still raging you wouldn't hesitate to invest.

Be thankful then that it is ended, and be glad that your part now is but to lend money to pay the Debts of Honour.

The spirit that moved you to buy Victory Bonds one year ago and two years ago should impel you to buy them again.

But even if you suppress that spirit—grant that you may not—the material advantage of the investment cannot fail to appeal to your good common sense.

Think of it. The peerless security of a mighty nation—a nation at peace—the great uncertainty of war past—and 5 1/2% interest. Where can you find its equal?

Whichever way you look at it, if you are true to yourself you must

Buy Victory Bonds 1919

Issued by Canada's Victory Loan Committee in co-operation with the Minister of Finance of the Dominion of Canada.

Advertisement for Dr. Chase's Ointment. Text: 'Applied After Shaving Keeps the Skin Soft and Smooth. MANY men suffer from irritation of the skin as a result of shaving. With some it assumes a form of eczema and becomes most annoying and unsightly. By applying a little of Dr. Chase's Ointment after shaving the irritation is overcome and such ailments as Barber's Itch and Eczema are cured. 60 cents a box, all dealers, or Edmansons, Bates & Co., Ltd., Toronto. Dr. Chase's Ointment'.