

1903

## Report of Sub-Committee : No.3

Technical Education Committee

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*Approved by Municipal Council 5/10/3*  
*See Reports Vol II 1903; p.p. 523-529.*

No. 3.

TECHNICAL EDUCATION COMMITTEE

FOR THE

COUNTY BOROUGH OF DUBLIN.

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REPORT

OF

THE SUB-COMMITTEE

Appointed 4th March, 1903,

To Consider and Report upon a Scheme of Technical Instruction for the County Borough of Dublin, with a view to the Allocation of the Funds Available from the Department of Agriculture and Technical Instruction.

Adopted by the Technical Education Committee at a Special Meeting held on the 17th June, 1903.

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Mr. JOHN MULLIGAN, Chairman.

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DOLLARD, PRINTINGHOUSE, DUBLIN.

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1903.

10/12

SUB-COMMITTEE.

Appointed 18th December, 1901.

To consider and report on the best method of allocating the Funds available from the Department of Agriculture and Technical Instruction.

MR. GEORGE LEAHY, Chairman.  
COUNCILLOR DINNAGE, Deputy Chairman.  
RIGHT REV. MONSIGNOR MOLLOY, D.D.  
ALDERMAN IRELAND.  
ALDERMAN DOWD.  
ALDERMAN DOYLE.  
PROFESSOR BARRETT, F.R.S.  
MR. JOHN GOOD.  
MR. JOHN MULLIGAN.  
MR. W. R. J. MOLLOY, J.P.  
PROFESSOR THRIFT, F.T.C.D.  
MR. J. E. LYONS.  
MR. ARNOLD GRAVES.  
SIR THOMAS PILE, BART.  
THE RIGHT HON. T. C. HARRINGTON, M.P., Lord Mayor.

The Sub-Committee made a recommendation that a Capital sum of £5,000 should be expended in Grants to Secondary Schools in aid of Equipment for the Teaching of Science and Art. This recommendation was approved by the Technical Education Committee, by the Municipal Council, and by the Department of Agriculture and Technical Instruction.

SUB-COMMITTEE.

Appointed the 4th March, 1903.

To further advise on a Scheme of Technical Instruction for the County Borough:—

MR. JOHN MULLIGAN, Chairman.  
MR. JOHN GOOD, Deputy Chairman.  
MR. GEORGE LEAHY.  
COUNCILLOR DINNAGE.  
PROFESSOR THRIFT, F.T.C.D.  
RIGHT REV. MONSIGNOR MOLLOY, D.D.  
PROFESSOR BARRETT, F.R.S.  
PROFESSOR HARTLEY, F.R.S.  
MR. W. R. J. MOLLOY, J.P.  
ALDERMAN IRELAND, J.P.  
ALDERMAN DOWD.  
MR. A. MOORE.  
COUNCILLOR M'KENNA.  
THE RIGHT HON. T. C. HARRINGTON, M.P., Lord Mayor.  
SIR THOMAS PILE, BART.

REPORT  
OF  
THE SUB-COMMITTEE

*Appointed 4th March, 1903.*

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To the Technical Education Committee for the County Borough  
of Dublin.

GENTLEMEN,

Your Sub-Committee met on the 25th March, the 8th April, the 22nd April, and the 13th May, 1903, to consider suitable provisions in regard to an extended scheme of Technical Instruction for the County Borough of Dublin. The following documents were under consideration.

(a).—Recommendations in regard to a Scheme of Technical Instruction for the County Borough of Dublin.

Report on the various Trades in the County Borough requiring Technical Instruction; the number of members and of apprentices therein.

By the Secretary of the Technical Education Committee.

(b).—Memorandum on a Scheme of Technical Instruction for the County Borough of Dublin, with Recommendations.

By George Fletcher, Senior Inspector, Department of Agriculture and Technical Instruction.

The Secretary submitted Returns showing the number of pupils attending the City of Dublin Technical Schools during the Session 1902-1903, the number attending each particular class, and the number who reside on the North side of the City.

**Increased Building Accommodation Needed.** The number of individual pupils on the Register of the City of Dublin Technical Schools for the present Session is 1,613, and, as many pupils attend for more than one subject, the number of class entries is 2,196. This exhausts the accommodation of the Kevin-street premises, and therefore the first points for determination were the provision of further building accommodation, the location of such new buildings, and the nature of the classes to be conducted therein. In this respect the following suggestions were under consideration.

**Nature and Location of New Schools.** (1.) Central Technical Institution. Here the various technological groups (the Building, Furnishing, Printing, Mechanical Engineering, and Electrical Engineering trades, &c.) could be taught in separate departments, whilst much of the Science and Art instruction would be common to all.

- (2.) Two separate and distinct buildings on the North side of the City, one for the Building and Furnishing trades, the other for the Printing trade in all its branches; the Schools in Kevin-street to be mainly for Mechanical and Electrical Engineering, but otherwise to preserve their present polytechnic or general character.
- (3.) One new building in a central position on the North side of the City, mainly for the Building, Furnishing, and Printing trades in all their branches; the premises in Kevin-street to be mainly for Mechanical and Electrical Engineering. All unnecessary duplication of classes to be avoided, but certain necessary classes to be duplicated.

The existence of the Kevin-street Schools, the fact that they have been an undeniable success, and the further fact that they have been recently enlarged and reconstructed at considerable expense, make the Sub-Committee hesitate to adopt the first of these suggestions. On the other hand, the provision of two distinct schools of rigidly monotechnic type does not seem to meet the present needs of the City, and by duplication of staff would probably necessitate an increased and constant expenditure.

It was advocated that the large industrial population on the North side of the City had hitherto been afforded but little facilities for technical instruction, and that its claims should as far as possible be considered in the erection of additional buildings. We think that this claim has considerable weight, and under all the circumstances we believe that the third recommendation above referred to is best adapted to the immediate requirements of Dublin.

**Selection of Site.** A small Sub-Committee have been appointed to make enquiries and investigations with regard to a suitable site, but they are not yet in a position to make a formal report,

**Finance.** To meet the heavy expenditure which will be necessitated by this additional building and equipment, a sum of £22,723 (over and above the allotment of £5,000 to Secondary Schools) is available from the Department under the Act of 1899, and a sum of £9,241 will be annually at the disposal of the Committee from the same source. An alternative suggestion is that the monies requisite for building purposes should be raised by loan on the security of the penny rate from the Corporation, and that thus sufficient funds would be immediately at hand both for building and equipment. We are not in a position to determine on this matter until the purchase price of a site, the architect's plans for the new building, and an estimate of the proposed equipment are before us.

**Specific Recommendations.** We submit the following recommendations, which have been adopted as summing up the results of our inquiry :—

- (I.) That a Technical School be established in a Central position, and that the prominent features of this School shall be—
- (a.) The Building Trades and allied subjects.
  - (b.) The Printing Trades and allied subjects.

That this School should be built on the North side, ~~if a suitable site can be found.~~ R

- (II.) That the prominent features of the Kevin-street Schools shall be—
- (a.) Mechanical Engineering and allied subjects.
  - (b.) Electrical Engineering and allied subjects.

(III.) That the following subjects shall be taught in both Schools :

Algebra,  
 Arithmetic and Mensuration.  
 Geometry.  
 Applied Mechanics.  
 Elementary Physics.  
 Manual Instruction:  
 Freehand Drawing.  
 Light and Shade Drawing.  
 Model Drawing.  
 Geometrical Drawing.  
 English.  
 Penmanship.

(IV.) That the following subjects shall be taught from the beginning in at least one of the Schools, and may be introduced afterwards into the other School if a sufficient number of pupils should present themselves to make it desirable.

Plumbing  
 French and German.  
 Boot and Shoemaking.  
 Book-keeping and Correspondence

(V.) That this Scheme be subject to revision from time to time as circumstances may require.

**Domestic Economy and Housewifery.** The work in the subject of Domestic Economy and Housewifery which is being at present carried on in Kevin-street, we think should be continued. Work of a similar character has hitherto been carried on in Kildare-street under the direction of the Royal Irish Association for Promoting the Training and Employment of Women. We understand that this Institution will pass into the hands of the Department in the month of August. It does not seem desirable

to elaborate a scheme for the establishment of a new school of the same kind until we know the views of the Department on this subject, and we recommend the Committee to obtain, as soon as possible, full information on this point.

**Commercial  
Education.** We think it extremely desirable that a full course of Commercial Education should be provided, but, for the present, we think it best to develop the Commercial subjects which are already taught in Kevin-street. and to add, from time to time, to them such higher Commercial Education as may be found requisite to meet the wants of the pupils.

All which is submitted as the Report of your Sub-Committee, this 13th day of May, 1903.

JOHN MULLIGAN,  
*Chairman.*