Technological University Dublin ARROW@TU Dublin

# Twenty-Sixth Annual Report of the Governors of the City of Dublin Technical Schools and Science and Art Schools for the Session 

 1911-1912City of Dublin Technical Schools

Follow this and additional works at: https://arrow.tudublin.ie/tecscjannn

## Recommended Citation

City of Dublin Technical Schools, "Twenty-Sixth Annual Report of the Governors of the City of Dublin Technical Schools and Science and Art Schools for the Session 1911-1912" (1912). Annual Reports. 18. https://arrow.tudublin.ie/tecscjannn/18

[^0]TO THE RIGHT HONOURABLE THE LORD MAYOR, ALDERMEN AND BURGESSES OF DUBLIN,

TWENTY-SIXTH

## ANNUAL REPORT

OF THE
Technical Education Bommittee ON THE WOBK OF

THE CITY OF DUBLIN
MUAICIPAL TECHNICAL SCHOOLS, DURING THE SESSION 1911-1912.

## THE RIGHT HONOURABLE THE LORD MAYOR ALDERMEN AND BURGESSES OF DUBLIN.

## Technical Education Committee.

## TWENTY-SIXTH

## ANNUAL REPORT

ON THE

# CITY OF DUBLIN <br> <br> Municipal Technical Schools. 

 <br> <br> Municipal Technical Schools.}

SESSION 1911-1912.

We have pleasure in presenting the Twenty-sixth Annual Report of the City of Dublin Technical Schools.

During the Session, which opened on the 26 th September, 1911, 2,601 Students were enrolled, being an increase of 729 over the roll of the previous year. But a still more satisfactory feature was the large total of Class Entries. 6,236 , for this indicates that the students generally have entered for Courses of Study involving two or more Classes. The increase on the previous Session was 1,261.

Of the new Classes started, the chief were for Accountancy, Brass-finisher's Work, Aeroplane Modelling and Construction. Surveying and Levelling, \&c., which Classes should be popular additions to our curriculum.

In connection with the last two Classes named open air demonstrations and practices were held weekly in the Phoenix Park.

The new Technical Institute at Bolton Street was opened for Classes at the beginning of the Session. This Institute is intended for Building, Engineering, Printing, and the Book-producing Trades, and the extension of its proper work will be pushed forward as soon as the Commercial Classes which have been temporarily accommodated there can be provided for in some more suitable neighbourhood. These Classes in Commerce were very largely attended and were successfully conducted. In some cases Classes had to be multiplied to accommodate the large number of applicants.

Domestic Economy Classes were held at the Kevin Street, Chatham Row, and Rutland Square Schools, and Extension Courses, mainly for the wives and daughters of artisans, were held in four populous districts of the City. It is gratifying to find that all these Classes were extremely well-attended and much appreciated, and that the majority of the Students who entered for Examinations were successful. One of our Needlework Students gained a First Class Certificate " with distinction" together with the Bronze Medal of the National Union of Teachers.

A First Place at the Feis Ceoil with Gold Medal was obtained by a Student of our School of Music, while several Silver Medals and other successes were won by our Music Students at the Father Matthew Feis. One Candidate obtained Honours in the Middle Grade at the Examinations of the London College of Music.

At the Industrial Exhibition held by the Royal Dublin Society the First and Second Prizes in Wood-carving and the Second and Third Prizes in Art Iron Work were gained by the Students of our Craft Classes.

As usual a large number of Students sat for the Standard Public Examinations held by the Board of Education, the City and Guilds of London, the Royal Society of Arts, \&c. The total number of Certificates obtained was 451.

The Mechanical and Electrical Engineering Classes have steadily increased in reputation and popularity, and are now a very prominent feature of our work. The Experimental Science and Mathematics Classes too enrolled as in previous years a large number of Students, who won credit for themselves and their Teachers, either by the lucrative positions which they achieved or the distinctions which they gained by ExaminationWe note the following as part of the record of these Classes :-

In the Fairfield Open Scholarship (Chemistry) one of the Students obtained First Place in Ireland.

Three of our Students have obtained important positions as Assistant Chemists in large works in Dublin.

Three Students have qualified as Teachers under the Department of Agriculture and Technical Instruction.

One Student obtained the highest marks in Practical Chemistry at his Degree Examination, T.C.D.

Six Students passed the First Professional Examination of the Royal College of Surgeons and others passed in the Engineering Course of the National University.

Of the Pharmaceutical Students three have finished their Course and qualified, one obtaining First Place in Chemistry at the Final Examination.

A lady Student obtained a Sizarship in Trinity College, Dublin.

Two Students obtained the B.Sc. Degree of the National University ; another the B.Sc. Degree in the Queen's University, Belfast.

Two Students obtained high places in Civil Service Examinations for Junior Admiralty appointments.

In the open Competition for Entrance Scholarships at the National University, one Student gained a First Class Scholarship of $£ 50$ and another Student a Third Class Scholarship of $£ 30$.

One Student succeeded in obtaining a County Borough Scholarship, value $£ 120$, tenable at the National University.

A Student obtained a Teachership-in-training at the Royal College of Science.

Two Students passed "with Distinction " in the Advanced Mathematics Examination held under the Board of Education, London.

One Student obtained First Class Honours and Fxhibition in the Second University Examination in Engineering and won a First Class Scholarship of $£ 30$ in the Third Year, Faculty of Engineering, University College, Dublin.

A Student was successful in obtaining the Degree of B.Sc., London University whilst another Student obtained the Intermediate Science Degree of that University.

A number of Students successfully passed the Entrance Examination to the Royal College of Science.

It is a pleasure to record that a recent Student of our Schools has this year obtained the Senior Moderatorship in Science of Trinity College, Dublin ; and we are also glad to note that a number of recent Students have obtained important posts as Science Teachers at Pembroke, Belfast, Cork, and Ballymena.

Secondary School Science Teachers seeking the Department's qualifications, and Primary School Teachers preparing for National Board qualifications, took advantage to a large extent of our Classes in Mathematics and Experimental Science.

Many of our Science and Mathematical Classes are of University standard and a number of our Students are working for Degrees. In this connection it is to be regretted that our Students have to look to the University of London for a recognition which they might be offered in their own country; and if we have to give way to the just demands of Students and establish a Centre for

London University Examinations in our Technical Schools it will only be to an imperative necessity that we shall thus yield.

During the Session a number of Popular Lectures on scientific subjects were held in the Lecture Hall at Bolton Street. These were well attended and much appreciated. Our thanks are due to the Lecturers, some of whom came a long distance, for giving our citizens, and more especially our Students, the benefit of their special experience in various branches of education.

Appendix A. to this Report gives the names of the successful Students and Prize-winners resulting from the Examinations on the Session's work; B. the number of Students enrolled in the several Classes; C. Analysis of the Trades and Occupations of the Students; D. List of the Subscribers and Prize Donors to the Schools. A statement of the Income and Expenditure concludes the Report.

T. A. FINLAY,<br>Chairman.

December, 1912.

APPENDIX $A$.

## RESULTS OF EXAMINATIONS Session 1911-1912.

## SPECIAL PRIZES.

ROYAL DUBLIN SOCIETY'S PRIZES.
woodcarving.

|  |  |  |  |  | £ | s. | d. |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| James Arthur Fraserr | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 1 | 0 | 0 |
| John O'Leary | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 1 | 0 | 0 |

ART RRONWORK.
Christopher Devine .. .. .. .. 0 0 10 0
James H. Pappin .. .. .. .. 010 0

NATIONAL UNION OF TEACHERS.
ADVANCED NEEDLEWORK.
Ellen Pender. .. Ist Class with Distinction and Bronze Medal.

COMMITTEES PRIZES TO STUDENTS FOLLOWING COURSES OF STUDY.

INTRODUCTORY COURSE.


COMMERCIAL COURSES.
Beunty, Wm. Patk. . 76 Cullen, Franols .. 100
Carroll, Eugene Patk. 100 Cullen, Joseph A. .. 76
Carroll, James . . 76 Dinnigan, Mary E. .. 100
Clarke, Mabel .. 100 Dryden, John Saml. .. 5 0
Colgan, Patk. J. .. 7 G Dunne, Mary Jos. .. 100
Cullen, Annee $\quad$. 10 0 Flood, John 100

## HAIRDRESSING CLASS.

## INTERMEDIATE.

## Mons. Jules' Prize.

Charles M'Glynn.
JUNIOR.

## Mons. Prosts' Frize.

John Boxle.
Miadame Drago's Prize.
Matthew Farrell.

## DUBLIN GUILD OF MASTER PAINTERS' PRIZES.

$$
£ 4 \text { (Divided). }
$$



## MUNICIPAL SCHOOL OF MUSIC.

PIANOFORTE-GRADE 1.
Clllen, Florrie, 1st Class. OGorman, laura, 2nd Class. Breen, Alice, 2nd Class. Rochford, Mary T., 2nd Class. Brefen, Jennie, 2nd Class. Sheridan, Denis, 2nd Class. Donneliyy, Mary A., 2nd Class. ${ }^{\circ}$ Whenon, Thomas, 2nd Class. Hull, Eleanor, 2nd Class.

PIANOFORTE-GRADE 11.

Duff, Duncan, lst Class. Gaffiney. Eva, Ist Class. Healy, Joseph, 1st Class. Redmond, Josephine, 1st Class. Guerrini, Mary, 2nd Class.

Healy, Edith, 2nd Class. Healy, Kate, 2nd Class. Matthews, Violet, 2nd Class. Opielinski, Eeic, 2nd Class, Power, Bride, 2nd Class.

> PIANOFORTE-GRADE III.

Brownrigg, Ellefn, lst Class. Power, Richard, 1st Class. Gaffney, Evelyn, Ist Class. Milone, Anna, 2nd Class. Ghleet, Amelie, 1st Class.

## VIOLIN GRADE 1.

Keogh, Annie, 1st Class.
Redmond, Alice, 1st Class.

VIOLIN-GRADE II.
Collins, Ita, Ist Class. Ford, Andren, 2nd Class. Dunne, Whlifam, 2nd Class. Smith, Luke, 2nd Class.

| Violin-GRADE III. |  |  |
| :--- | :---: | :---: |
| Ghlett, Helena, Ist Class. |  |  |
| Hofden, Henry, Ist Class. |  |  |
| OKein, Janet, 2nd Class. |  |  |
| Oulholland, Gertrude, 1st Class. Smith, Joseph, 2nd Class. |  |  |

TONIC SOL-FA SINGING.

Barry, Fredk., 1st Class.
Byrne, Edward, Ist Class.
Hoey, Michafl, 1st Class.
MConnele, Charles, 1st Class.
MCormack, Thomas, 1st Class.
Morison, Muriel, 1st Class.

O'Donnell, John Jos., 1st Class. Olliver, Alex, 1st Class. Power, Richard, 1st Class. Thompson, Margaret, 1st Class. Davidson, Fredk., 2nd Class.
O'Callaghan, Mary R., 2nd Class

## FIFE.

M'Grath, A., 2nd Class.

## DRUMS.

Scott, Samuel, 1st Class.
EXAMINATIONS UNDER BOARD OF EDUCATION, CITY AND GUILDS OF LONDON INSTITUTE, ROYAL SOCIETY OF ARTS, AND NATIONAL UNION OF TEACHERS.
B.E. $=$ Board of Education. C.G. $=$ City and Guilds of London Institute. S.A. = Society of Arts. N.U.T. = National Union of Teachers.

| Ableman, Jacob | Pass, Stage |
| :---: | :---: |
| Agnew, Harriette | 1st Class with Distinction, Advanced Domestic Economy, N.U.T. |
| Anderson, Lillian | 2nd Class, Light and shade Drawing, B.E. |
| Auterson, Winifred | 2nd Class, Elementary Domestic Economy, N.U.T. |
| Begley, Elleen | 2nd Class, Advanced Domestic Economy ; 2nd Class, Stage 1., Hygiene, N.U.T. |
| Bell, Cech Wm. Jami | Pass, Lower Examination, Pure Mathematies, B.E.; 2nd Class, Stage II.. Arithmetic, 2nd Class, Stage III, Arithmetic, S.A. |
| Bell, Thomas | 2nd Class, Stage II., Book-keeping, |
| Bergin, Marie E. | 2nd Class, Elementary Domestic Economy, N.U.T. |


| Bracoe, Mary |  |
| :---: | :---: |
| cier, | Pass, Lower Examination, Building Construction, B.E. |
| Booth, Mabel | 1st Class, Cookery, C.G.; Ist Class, Elementary Domestic Economy; 1st Class, Elementary Dressmaking, N.U.T. |
| Bou | Pass, Stage I., French, S.A. |
| Bowen. Barthonom | Pass, Lower Examination, Pure Mathematics, B.E.s |
| Bowman, Andrew Jos. P. | 2nd Class, Stage II., Book-keeping, S.A. |
| Brady, Alice May | Pass, Stage l., |
| Breme, Charies | Pass, Stage 1., Rookkeeping. S.A |
| Brennan, Danif | 2nd Class, Final Examination, Painters and Decorators' Work, C.G. |
| Briaht, | Pass, Lower Examination, Pure Mathematics, B.E. |
| Brown, Mary | 1st Class, Advanced Domestic Economy 2nd Class, Stage I., Hygiene, N.U.T |
| ruaty, Whliam I | Pass, Stage I., Arithmetic ; Pass, Stage I., Handwriting and Correspondence S.A. |
| Burke, James ${ }^{\text {a }}$ | Pass, Stage I., French, |
| Byrne, Dents] | Pass, Lower Examination, Building Construction. B.E. |
| ne, Edwa | 2nd Class, Light and Shade Drawing 1st Class Model Drawing, B.E. |
| Bypne, James | 2nd Class, Stage II., Arithmetic, |
| Byrne, Joskpl | 2nd Class, Grade II., Ty |
| Byrae, Kathle | 1st Class, Co |
| Byrar, Luey | 2nd Class, Cookery, C.G |
| Byrne, Thomas | 2nd Class, Stage II, Arithmetic ; Stage I.. Arithmetic, S.A. |
|  | 2nd Class, Grade II., Typography, |
| Campbeld, And | Pass, Stage I.. Arithmetic, S.A. |
| Carrigan, Thomas Ja | Pass, Stage 1., Arithmetic, S.A. |
| Ca | 2nd Class, Stage III., Bookkeepi |
|  |  |
|  | siage 11., Arithmetic, S.A |
| Carroll., James | 2nd Class, Stage M., Bookkeeping, S.A. |
| Carroli, John | 2nd Class, Stage II., Arithm |
| Casembla. Wa. J. Ivor | Pass, Lower Examination, Machine Construction and Drawing, B.E. |
| Caulpield, Anne | 1st Class, Cookery, C.G |
| Clarke, Alice E. | 2nd Class, Cookery, C.G.; 2nd Class, Ele- |
|  | Stiso II |

Coghlan, Katharine .. 2nd Chass, Dressmaking; 2nd Class, Millinery, C.C.; 1st Class, Advanced Needlework; 2nd Class, Stage I., Hygiene, N.U.T. ; 2nd Class, Stage II., French, S.A.
Coghlan, Laur. Mrohael 2nd Class, Grade I., Builders' Quantities, C.G.

Collins, Francts Joseph Pass, Stage I., Shorthand, S.A.
Collins, James Matthas 2nd Class, Final Examination, Tailors' Cutting, C.G.
Collins, John Joseph Pass, Stage I., Shorthand, S.A
Conlon, Jeremtah .. 2nd Class, Grade I., Metal Plate Work, C.G.

Connolly, William Patk. Pass, Lower Examination, Building Construction ; 2nd Class, Model Drawing; 2nd Class, Freehand Drawing, B.E.
Corbally, Georgina Pass, Stage I., Arithmetic, S.A. Carmel.
Corr, Susan Frances E. 1st Class, Cookery, C.G.; 1st Class, Elementary Domestic Eeonomy, N.U.T.
Courtney, Anna Mary 2nd Class, Advanced Domestic Economy, N.U.T.

Coyle, Mary Frances and Class, Cookery, C.G.; 2nd Class, Elementary Domestic Economy, N.U.T.

Creamer, Rose Beatrice: 2nd Class, Elementary Domestic Economy, N.U.T.

Crean, Patrick Josefif
Crimmins, Mary Ellen
Cromien, Thomas
Cullen, John .. 2nd Class, Stage M., Shorthand; Pass, Stage I., Typewriting, S.A.
Cullen, Josmph Aloysius Pass, Stage I., Typewriting, S.A.
Cuthbertson, John .. 2nd Class, Geometrical Drawing, B.E.
Daly, George Hfnry Pass, Grade, I., Electrical Engineering, C.G.

Davies, Vieror . . Pass, Lower Examination, - Inorganic Chemistry, B.E.
Dempsery, Chelstina . 2nd Class, Advaneed Domestic Economy, N.U.T.

Dennine, Gertrude lat Class, Advanced Needlework, N.U.T. Kathleen V.
Dillon, James Augustine 2nd Class, Stage III., French, S.A.
Dillon, Mary . 2nd Class, Elementary Dressmaking, N.U.T.

Dixon, David Edward Pass, Grade I., Painters' and Decorators' Work, C.G.

Doody, Patrick .. 2nd Class, Light and Shade Drawing, 2nd Class, Model Drawing, B.E.
Doolan, Sarah

Dovghney, Miohael. . Pass, Stage I., Handwriting and Correspondence ; Pass, Stage 1., Arithmetic. S.A.

Dowling, Edward Joseph Pass, Lower Examination, Machine Construction, B.E.
Dowse, William Robert 2nd Class, Stage I., Telephony, C.G.
Doyle, Bridget . . 2nd Class, Advanced Dressmaking, N.U.T.
Doyle, Denis Stanislaus Pass, Lower Examination, Building Construction, B.E.
Doyle, Michafl . Pass, Stage 1., Book-keeping, S.A.
Doyle, Thomas E. .. 2nd Class, Grade I., Metal Plate Work, C.G.

Draper, Charles Vivian Pass, Grade I., Electrical Engineering, C.G.

Dryden, Joen Samuel 2nd Class, Stage II., Bookkeeping. S.A.
Duff, Edwin .. Pass, Lower Examination, Heat Engines, B.E.

Duffy, Annie .. 2nd Class Cookery, C.G.; 2nd Class, Elementary Domestic Economy, N.U.T.
Dunne, Brigid
$\begin{array}{ll}\text { Egan, Edith Alice } & \text {. } \\ \text { Ennis, Robert } & \text { 2nd Class, Stage II., French, S.A. } \\ \text { 2nd Class, Stage III., Arithmetic, S.A. }\end{array}$
Evans, Brigid .. 2nd Class, Dressmaking, C.G. ; Ist Class
Fagan, John .. 2nd Class, Stage 111., French; 2nd Class,

Farrell, Annte:
Farrow, Whllam Henry

Fegan, Whliam . Pass, Grade II., Electrical Engineering
Finlayson, Andrew
Duncan
Fitzpatrick, Annie Genevieve.
Fitzpatrick, Bernarit

Advanced Dressmaking, N.U.T.
2nd Class, Stage 111., French ; 2nd Class,
Stage II., Bookkeeping ; Pass, Stage I., Shorthand, S.A.
Pass, Stage I., Shorthand, S.A.
Pass, Stage I., Arithmetic, S.A.
Pass, Lower Examination, Machine Con-
struction and Drawing, B.E. (Con. Cur.) C.G.
st Class, Elementary Dressmaking ; 2nd Class, Elementary Domestic Economy; N.U.T.

Shorthand, S.A.

2nd Class, Final Examination, Painters' and Decorators' Work, C.G.; 2nd Class, Stage I., Design B.E.
2nd Class, Cookery, C.G.; 1st Class, Elementary Domestic Economy,N.U.T.
Pass, Lower Examination, Heat: Pass, Lower Examination, Magnetism and Electricity; Pass, Lower Examination, Pure Mathematics, B.E.; 1st Class Stage III., Arithmetic, S.A.

| mivg, Tromas | 2nd Class, Final Examination, Typography, C.G. |
| :---: | :---: |
| Frefman, Whliay Nevilate. | Pass, Stage I., Arithmetic, S.A. |
| Furlone, Christopher | 2nd Class, Stage II., Arithmetic ; Pass, Stage 1., Handwriting and Correspondence ; Pass, Stage I., Typewriting, S.A. |
| Furlong, Johy | 2nd Class, Stage II., French ; Pass, Stage 1., Arithmetic ; Pass, Stage I., Typewriting, S.A. |
| Gaffney, Eveleen | 2nd Class, Elementary Domestic Economy, 2nd Class, Elementary Dressmaking, N.U.T. |
| Ganly, Joserf Liluis | 2nd Class, Stage II., Bookkeeping, S.A. |
| Gatron, fanny | 2nd Class, Stage II., French, S.A |
| Gaynor, Frederick Chas | Pass, Lower Examination, Heat Engines : Pass Lower Examination, Applied Mechanics, (M.H.) : Pass, Lower Examination, Applied Mechanics, (M.S..) B.E. |
| Geoghegan, Edith | 2nd Class, Stage II., English; Pass, Stage I., Arithmetic, S.A. |
| Geraghty, Elizabeth | Pass, Stage I., Typewriting, S.A. |
| Geraghty, Nicholas Laurenee. | Pass, Stage I., Arithmetic, |
| Geraghty, Patriek | 1st Class, Stage III., French; 2nd Class, Stage II., German ; 2nd Class, Stage II., Shorthand, S.A. |
| Geraghty, Wimliam | 2nd Class, Stage II., English, S.A. |
| Gerrard, Desmond Michi | Pass, Grade I., Typo |
| Gillespie, Thomas I. | 2nd Class, Stage 11., Arithmetic, S.A. |
| Gilmodr, Grorge Van Barneveld. | Pass, Lower Examination, Pure Mathematics, B.E. |
| Gilitrap, Rober | Pass, Stage I., German, S |
| Glover, Thomas | Pass, Lower Examination, Pure Mathematics; Pass, Lower Examination, Theoretical Mechanies' (Fluids), B.E.; Ist Class, Stage II., Arithmetic, S.A. |
| Goodwin, Mary Jane | 2nd Class, Dressmaking |
| Gordon, Francis W. | 2nd Class, Model Drawing, B.E. |
| Gosson, Helena | 1st Class Cookery, C.G.; 2nd Class, Elementary Domestic Economy, N.U.T. |
| Griffin, Christina | 2nd Class, Advanced Dressmaking, N.U.T. |
| Griffin, Minnie | 2nd Class, Cookery, C.G.; 2nd Class, Elementary Domestic Economy, N.U.T. |
| Guerrini, Evalien | Ist Class, Advanced Domestic Economy, N.U.T. |
| Hall, Thomas Walter | Pass, "with Distinction, Higher Examination, Pure Mathematics, B.E.; 2nd Class, Stage III., Arithmetic, S.A. |

Hallinan, Thomas .. 2nd Class, Grade I., Tailors' Cutting, C.G.
Halls. Johi Walter .. 2nd Class, Stage II., Bookkeeping; 2nd Class, Stage II., Shorthand; Pass, Stage I., French, S.A.
Harris. George Widiam Pass, Lower Examination, Inorganic Chemistry ; Pass, Lower Examination, Heat ; Pass, Lower Examination, Magnetism and Electricity, B.E.
Hartigan, Gertrude 2nd Class, Freehand Drawing, B.E. Mary.
Hasselli, Percy H. . . 2nd Class Magnetism and Electricity; 2nd Class, Grade I., Telephony, C.G.
Hazleton, Wm. Harold Pass, Lower Examination, Pure Mathematics, B.E.
Hickey, Patrick . Pass, Lower Examination, Applied Mechanies (M.S.). B.E. ; 2nd Class, Grade II., Carpentry; 1st Class, Grade I., Brickwork; 2nd Class, Grade I., Builders' Quantities, C.G. ; 2nd Class, Stage II., Arithmetie, S.A.
Holden, Wildiam
2nd Class, Grade I., Tailors' Cutting, C.G.
Holey, Elizareth Mary 2nd Class, Stage II., French, S.A.
Hubbard, Charles Henry 2nd Class, Grade I., Metal Plate Work, C.G.

Hughes, Edpward J. . . 2nd Class, Stage II., Typewriting, S.A.
Humphreys, Dilys B. 2nd Class, Stage II., Shorthand, S.A.
Humphreys, Richard 2nd Class, Stage II., Bookkeeping, S.A. Raymond.
Hutchinson, Albert E. Pass, Lower Examination, Heat; Pass, F.

Jacob, Henry Lower Examination, Magnetism and Electricity, B.E.

Johnston, Lous Herbert Pass, Stage I.. Typewriting, S.A.
Kavanagh, Martin Jos. Pass, Grade I., Eilectrical Engineering, C.G.

Keegan, Nellie .. Pass, Stage I., Typewriting S.A.
Kregan, Teomas, .. 2nd Class, Grade II., Painters' and Decorators' Work, C.G.
Kelly, Austin MEvoy Pass, Lower Examination, Theoretica! Mechanics (Solids) : Pass, Lower Examination, Theoretical Mechanics (Fluids), B.E.
Kelisy, Miargaret . Ist Class, Advanced Dressmaking, N.U.T.
Kennedy, Henry Pass, Stage I., Typewriting, S.A. Aloysids.
Kennedy, John .. 2nd Class, Final Examination, Plumbers' Work, C.G.

Kennedy, Thomas .. 2nd Class, Frechand Drawing, B.E.
Kenny, Mroharl . . 1st Class, Stage II, French, S.A.
Keogh, Edward Jos. .. 1st Class, Stage II., Arithmetic, S.A.
Keogh, Gertrude Mary Pass, Stage I., French; Pass, Stage I., Arithmetic, S.A.
Keogh, Hugh
2nd Class, Final Examination, Plasterers' Work, C.G.
Kinsella, May
Kinselia, Saraif
Kirwan, James
Kohler, Ida
Lawler, Leo Patrick 2nd Class, Stage II., French, S.A.
Lawlor, Margaret Mary 2nd Class, Stage II., English, S.A.
Lipman, Urias .. Pass, Lower Examination, Pure Mathematics, B.E.
Lloyd, Kathleen Pass, Stage I., Typewriting, S.A.

Blanche
Loveridge, Claude
Warren

Lynch, James .. 2nd Class, Stage II., Arithmetic: Pass, Stage I., Arithmetic, S.A.
Lynch, Mary J. .. 2nd Class, Cookery, C.G.; 1st Class, Ele mentary Domestic Economy, N.U.T.
Lyons, Grorge .. Ist Class, Grade II., Mechanieal Engineering, C.G.
Lyons, Louisa M. . . 2nd Class Elementary Dressmaking, N.U.T.
M'Aree, Patrick Josery Pass, Stage 1., Handwsiting and Correspondence, S.A.
MacCauley, Laurence J. 2nd Class, Stage II., Bookkeeping, S.A.
M'Connehl, John .. Pass, Grade 11, Electrical Engineering, (Con. Cus.), C.G.
M'Cormack, Patrick .. Pass, Lower Examination, Building Construction, B.E.: 2nd Class, Grade I., Builders' Quantities, C.G.
M'Dermott, John James Pass, Stage I., Arithmetic ; Pass, Stage I., Handwriting and Correspondence, S.A.
MDonald, Cissily .. 2nd Class, Millinery, C.G.
McDonnell, Charles . . Pass, Grade I., Plumbers' Work, C.G.
M'Donnell, Joseph .. Pass, Stage 1., French, S.A.


Mulahll, Mary Frances 2nd Class, Elementary Domestic Economy, N.U.T.

Mulvany, Ethel .. Pass, Stage 1., Shorthand, S.A.
Murphy, Cornelius .. Pass, Higher Examination, Pure Mathematics, B.E. ; 2nd Class, Stage III., Arithmetic, S.A.
Murphy, Minnie .. 2nd Class, Cookery, C.G. 1st Class, Elementary Domsstic Economy, N.U.T.
Murphy, Thomas Patk. Pass, Stage I., Shorthand, S.A.
Murray, Mabel Florince Pass, Stage 1., Arithmetic, S.A.
Neville, Nellie .. 2nd Class, Dressmaking, C.G.; Ist Class Advanced Needlework, N.U.T.
Nolan, Agnes Josephine 2nd Class, Elementary Dressmaking, N.U.T.

Nolan, Denis .. 2nd Class, Final Examination, Tailors' Cutting, C.G.
Nolan, Eugene Patrick Pass, Stage I., Shorthand; Pass, Stage I., Typewriting, S.I.

Nolan, John .. Pass, Lower Examination, Machine Construction and Drawing, B.E.
O'Callaghan, Mary Kate Pass, Stage 1., Bookkeeping, S.A.
O'Carroll, Francis .. Pass, Lower Examination, Pure Mathematics, B.E.
O'Connfll, Elfanor . . Ist Class Cookery, C.G.; 1st Class Elementary Domestic Economy, N.U.T.
O'Connor, Cornelus B. Pass, Lower Examination Heat, B.E.
O'Connor, Mary .. 2nd Class, Elementary Dressmaking.
O'Connor, Patrick Joseph N.U.T.
Josist

Pass, Lower Examination, Building Construction, B.E.; 2nd Class, Grade II., Carpentry, C.G.
ODonohoe, Kathemen 1st Class, Cookery, C.G. Mare.
O'Farema., Franers L. Pass, Grade, II., Boot and Shoe Manufacture, C.G.
O'Flaherty, Annie: . Ist Class, Elementary Dressmaking,
OHAgan, Patk. James Pass, Lower Examination, Pure Mathematics, B.I. ; 1st Class, Stage II., Arithmetic, S.A.
OHanlon, Paterck J. Pass, Grade II., Electrical Engineering (Con. Cur.), C.G.
O'Hara, Mary Elizabeth 2nd Class, Model Drawing, B.E., ; Pass, Stage I., Arithmetic, S.A.
OKemere, Josepr 1st Class, Stage II., Typography, C.G. Patrick.
O'Neml, Mary Montca Pass, Stage I., Arithmetic, S.A.
O'Rehay, Mary Pass, Stage I., Shorthand, S.A.

O'Rellly, Mary Pauline Pass, Stage I., Shorthand, S.A.
O'Riordan, William M. Pass, Lower Examination, Heat, B.E.
O'Sulifan, Melena . - 2nd Class, Stage M., English, S.A.
O'Sullivan, Kathleen Pass, Stage I., Arithmetic, S.A. Mary.
Palmer, James .. 2nd Class, Stage II., Arithmetic, S.A.
Pender, Ellen .. Ist Class, with Distinction, and Bronze Medal, Advanced Needlework, N.U.T.
Pigott, Mary J. .. 1st Class, Cookery, C.G.; 1st Class, Advanced Dressmaking; 1st Class Elementary Domestic Economy, N.U.T.
Pim, Christopher . Pass, Grade II., Principles of Lead Work, C.G.

Poole, John Leo A. . . Pass, Stage I., Typewriting, S.A.
Quane, Micharl .. 1st Class, Stage MII., Arithmetic ; 1st Class, Stage II.. Arithmetic, S.A.
Qutrke, Loulse .. 2nd Class, Elementary Dressmaking, N.U.T.

Rigney, Margufrite .. 2nd Class, Light and Shade Drawing. 1st Class, Stage I., Design, B.E.
Robinson, Donald E. Pass, Lower Examination, Applied Mechanics (M.S.), B.E. ; 1st Class, Grade 11., Mechanical Engineering, C.G.

Robson, Robert Balle 2 nd Class, Stage II., Shorthand, S.A.
Roche, Whliam John Pass, Stage I., Bookkeeping, S.A.
Rogers, Thomas John Pass, Stage I., Arithmetic, S.A.
Rooney, Christina .. 2nd Class, Elementary Domestic Economy, N.U.T.

Ross, Roderic O'Conor Pass, Stage I., Shorthand; Pass, Stage I., French, S.A.
Russeli., Hilda Teresa 1st Class, Elementary Dressmaking, N.U.T Ryan, Elizabeth Mary lst Class, Stage I., Hygiene, N.U.T.
Ryan, Florence E. . . 2nd Class, Cookery, C.i.; Ist Class, Elementary Domestic Economy, N.U.T.
Ryan, Joseph Patriok 2nd Class, Stage 11., English; 2nd Class, Stage II., Arithmetic ; Pass, Stage I., Handwriting and Correspondence : Pass, Stage I., Arithmetic, S.A.
Pran, Mary Anne
2nd Class, Millinery, C.G.
Ryan, Thomas .. Pass, Grade I., Electrical Engineering, C.G.

Scally, Mary .. 2nd Class, Elementary Domestic Economy, N.U.'T.

Scott, Noel E. .. Pass, Higher Examination, Building Construction, B.E.
Shillman, Bernard . Pass, Lower Examination, Pure Mathematics, B.E.; Ist Class, Stage II., Arithmetic, S.A.
Shortt, Margaret
Pass, Stage 1., Typewriting, S.A.

| Shortt, Violet | 2nd Class, Cookery, C.G.; 2nd Class Advanced Dressmaking; 1st Class Elementary Domestic Economy N.U.T. |
| :---: | :---: |
| Simpson, Matilda | 1st Class, Elementary Dressmaking, N.U.T |
| Skerrett-Martyn. <br> Evelyn G. | 2nd Class, Dressmaking, C.G. |
| Smeldion David | 2 n |
| Smyth, Evelyn E. M | 2nd Class, Elementary Domestic Economy N.U.T. |
| Smyth, Mary K. | 1st Class, Cookery, C.G. : 2nd Class Elementary Domestic Economy, N.U.T |
| Spence, Wilitam Nefdham. | Pass, Lower Examination, Building Construction, B.E.j |
| Stantey, Brideet | 1st Class, Advanced Dressmaking, N.U.T. |
| Stevenson, Whliam James C. | Pass, Lower Examination, Inorganic Chemistry, B.E. |
| St. John. Edward | Pass, Lower Examination, Pure Mathematics ; Pass, Lower Examination, Theoretical Mechanics (Solids) ; Pass, Lower Examination, Theoretical Mechanics (Fluids), B.E.; 2nd Class, Stage III., Arithmetic; Ist Class, Stage II., Arithmetic, S.A. |
| Stoakes, Joseph A. | Pass, Lower Examination, Practical Mathematics, B.E. |
| Strain, James K | 2nd Class, Stage II., German, S.A. |
| Tallon, Denis | Ist Class, Stage III., French, S.A. |
| Tanham, Mary | 2nd Class, Advanced Dressmaking, N.U.T. |
| Taylor, Muriel Hope | 1st Class Advanced Needlework, N.U.T. |
| Taylor, Nelson Edwin | Pass, Grade I., Plumbers' Work, C.G. |
| Thompson, Herbert | Pass, Lower Examination, Pure Mathematics, B.E. |
| Toveh, Ida Mur | 2nd Class, Freehand Drawing, B.E. |
| Twynam, Charies | Pass, Lower Examination, Heat Engines : Pass, Lower Examination, Applied Mechanics (M.S.) ; Pass, Lower Examination, Applied Mechanics (M.H.), B.E.: Pass, Grade I., Mechanical Engineering, C.G. |
| Trame, Kati | 2nd Class, Stage I. Design, B.E. |
| Traan, Kathleen M | 2nd Class, Stage II., Arithmetic, S.A |
| Tyrrelle Leo | Pass, Stage I., Arithmetic, S.A. |
| Tyrrell, Walter Josepit | Pass, Stage 1., Arithmetic, S.A. |
| Vadghan, May | 2nd Class, Elementary Domestic Economy, N.U.T.; 2nd Class, Stage II., Typewriting, S.A. |
| Wale, Gerald Menry | Pass, Lower Examination, Practical Mathematics, B.E. |
| Walsh, Joseph | Pass Grade, Plumbers Work, C.G. 23 |


| Waishe, Dovelas H | Pass, Lower Examination, Applied Me chanics (M.S.) ; Pass, Lower Examination Practical Mathematies, B.E. |
| :---: | :---: |
| W | Pass, Stage 1., French, S.A. |
| Ward, Patrick Joserp | Pass, Stage 1., Handwriting and Correspondence, S.A. |
| W | Intermediate Certificate, Harmony, S.A. |
| Whelan, John | 2ni Class, Stage III., Shorthand; 2nd Class, Stage II., Typewriting. S.A. |
| Whelan, Margaret | Ist Class, Model Drawing, 2nd Class, Geometrical Drawing, B.E. |
| Whelan, Mart | 2nd Class, Stage II., shorthand, S.A. |
| Whelan, William Thomas. | Pass, Stage I., Arithmetic, S.A. |
| White, Whalam | Pass, Stage 1., Shorthand, S.A. |
| Whiliams, Ienatius E | Pass, Lower Examination, Applied Mechanies (M.H.), B.E. |
| Woodworth, Whliam | Pass, Lower Examination, Pure Mathematies. B.E. |
| Woolley, Whllam Josepli | Pass, Lower Examination, Building Construction, B.E. ; 2nd Class, Grade I., Builders' Quantities, C.G. |

## APPENDIX B.

## RETURN SHOWING THE NUMBER OF INDIVIDUAL. STUDENTS AND CLASS ENTRIES.

SESSION, 1911-1912.

## TECHNICAL SCHOOLS.

| Number of Individual Students enrolled | .. | .. | 2,601 |  |
| :--- | :--- | :--- | :--- | :--- |
| Number of Class Entries | . | .. | . | . |
| 6,236 |  |  |  |  |

SCHOOL OF MUSIC.
Number of Individual Students enrolled .. .. 165
MATHEMATICS :-
Pure Mathematics .. .. .. .. 164
Practical Mathematics .. .. .. .. 51
Workshop Mathematics . . . . . . . 79
Theoretical Mechanics .. .. .. .. 22
Mathematical Plysics .. .. .. .. 10

## PHYSICS:-

Physics, Lectures ..... 85
Physics, Laboratory ..... 112
Electricity and Magnetism, Lectures ..... 103
Electricity and Magnetism, Laboratory ..... 129
429
CHEMSTRY:
Inorganic Chemistry, Lectures ..... 92
Inorganic Chemistry, Laboratory ..... 50
Organic Chemistry, Lectures ..... 19
Organic Chemistry, Laboratory ..... 11
Chemistry for Medical Students ..... 22
Chemistry for Pharmaceutical Students. ..... 22
Botany ..... 16
Materia Medica ..... 15
Pharmacy ..... 8MECHANICAL AND ELECTRICAL ENGGINEERING:-
Practical, Plane and Solid Geomotry ..... 31
Applied Mechanics ..... 72
Heat Engines ..... 53
Mechanical Engineering (Junior Lectures) ..... 79
Engineering Drawing, Preliminary ..... 83
Machine Construction and Drawing ..... 57
Engine and Boiler Design ..... 8
Structural Design ..... 10
Mechanical Engineering Workshops ..... 100
Electrical Wiring and Fitting, Lectures ..... 65
Electrical Wiring and Fitting, Practical ..... 9.5
Electrical Engineering, Lectures ..... 38
Electrical Engineering, Practical ..... 98
BULLDING TRADES:-
Technical Drawing ..... 53
Building Construction ..... 66
Builders' Quantities ..... 18
Carpentry and Joinery ..... 43
Plasterers' Work ..... 9
Plumbers' Work, Lectures ..... 41
Plumbers' Work, Practical ..... 41
Metal Plate Work, Lectures ..... 16
Metal Plate Work, Practical ..... 16
Painters' and Decorators' Work ..... 61
PRINTTNG TRADES:

$\qquad$
Typography (Compositors) ..... 21
Typography (Machinists) ..... 14
Linotype Work ..... 22
Technical Calculations ..... 22
English ..... 21
Drawing for Printers ..... 7
107
MSCELLANEOUS:-
Cabinetmaking ..... 17
Tailors' Cutting ..... 45
Harrdressers Work ..... 34
Boot and Shoemaking ..... 29
Land Surveying ..... 23
Aeroplane Modelling ..... 8
Brass Finishers Work ..... 8
Manual Instruction ..... 15
179
ART:
Freehand Drawing ..... 90
Model Drawing ..... 34
Geometrical Drawing ..... 63
Art-Students (Second Year) ..... 25
Art Students (Third Year) ..... 6
Art Students (Fourth Year) ..... 2
Clay Modelling ..... 10
Woodcarving ..... 13
Decorative and Ornamental Ironwork ..... 5248
DOUESTIC ECONOMY:-
Cookery (Afternoon Classes) ..... 86
Cookery (Demonstrations) ..... 188
Cookery (Practical) ..... 213
Dressmaking (Afternoon Classes) ..... 56
Dressmaking ..... 121
Needlework (Afternoon Class) ..... 10
Needlework ..... 46
Millinery ..... 36
LANGUAGES AND COMDERCIAI, SUBJECTS:-
Irish ..... 68
French ..... 216
German ..... 38
Commercial Correspondence ..... 282
Commercial Arithmetic ..... 282
Bookkeeping ..... 323
Accountancy ..... 2
Business Methods ..... 175
Shorthand (Theory) ..... 489
Shorthand (Speed) ..... 116
Typewriting ..... 527
Commercial Geography ..... 24
PRELIMINARY COURSE:-
Mathematics ..... 95
English ..... 96
Drawing ..... 93
INTRODUCTORY COURSE:-
Mathematics ..... 102
English ..... 103
Drawing ..... 78
283
APPENDIX D.
OCCUPATIONS OF STUDENTS.
YOUNG MEN.
Persons engaged in Farming Occupations ..... 0
Building Trades-including Workers in Wood, \&c. ..... 99
Coach and Car Builders ..... 11
Engineers, Workers in Metal, Draughtsmen, \&e. ..... 196
Architects, Surveyors, Civil Engineers, \&c. ..... 26
Electrical Engineers, Scientific Instrument Makers, \&c. ..... 85
Printing Trades-Compositors, Lithographers, \&c. ..... 62
Textile Industries-Designers, Weavers, \&c. ..... 1
Painters and Decorators ..... 33
Plumbers, Gasfitters, \&e. ..... 44
Trades involving Applied Art-Jewellers, Furniture Makers, \&c. ..... 23
Chemists, Analysts, Druggists, \&c. ..... 56
Salesmen, Shopkeepers, Warehousemen, \&c. ..... 45
Clerks in Commercial Offices ..... 219
Clerks in Banks, Civil Service, Law Assurance, and Accom- tants' Offices ..... 113
Teachers, Assistant Teachers, Pupil Teachers ..... 33
Students (University, Law, Medical) ..... 64
Occupations not included in above Classes ..... 399
Boys still in attendance at School or College ..... 42
Boys just left School or College ..... 2
No occupation stated ..... 191
Total number of Young Men ..... 1,744
YOUNG WOMEN.
Printing Trades .. .. .. .. .. 3
Domestic Servants ..... 16
Dressmakers, Milliners, \&c. ..... 58
Textile Industries-Designers, Weavers, \&c. ..... 1
Factory Workers, not included above ..... 11
Workers in Lace, Crochet, Embroidery, de. ..... 8
Saleswomen, Shopkeepers, \&c. ..... 63
Clerks, Cashiers, Civil Servants, \&c. ..... 150
Teachers, Assistant Teachers, Pupil Teachers ..... 68
Students (University, Medical) ..... 28
Occupations not included in above Classes ..... 43
Girls still in attendance at School or College ..... 46
No occupation stated ..... 362
Total number of Young Women ..... 857
Music Students (exchuding those who also attend Technical or Commercial Classes) ..... 165
Total number of Students ..... 2,766
APPENDIX E.LIST OF DONORS AND ANNUAL SUBSCRIBERS TOTHE CITY OF DUBLIN MUNICIPAL TECHNICALSCFOOLS.



$$
30-31
$$

## RECEIPTS.

| Balance on 1st August, 1911 (as per Annual Report, 1910-11). |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Students' Fees |  | 635 |  |  |
| Contribution towards the Scheme from:- .- |  |  |  |  |
| Corporation of Dublin, from Rates |  | 2,333 |  |  |
| Department, from Endowment |  | 10,000 |  |  |
| Subscriptions and Donations |  | 35 |  |  |
| Scholarship and Prize Fund Donations |  |  |  |  |
| Sale of Books, Class Materials, \&c., to Students |  | 40 |  |  |
| Rent of Rooms, \&c. |  | 230 |  |  |
| Miscellaneous Receipts |  |  | 12 |  |

## EXPENDITURE.



## RECONCILEMENT.

| Balance at Bank |  | 2,386 | 5 | 9 |
| :---: | :---: | :---: | :---: | :---: |
| Cash in hands of Secretary | . | - | 0 | 0 |
|  |  | 2,391 | 5 | 9 |

Presented to the Technical Instruction Committee on the 14th August,1912, and approved.
(Signed) HENRY MANGAN,
City Accountam.
141/. Au!ust, 1912.
S B. \& W.-Cn. 8687. 403. 12. 12--Irihh Paper.
(Signed), LOUIS ELY OCARROLL,

## Secrelary.

(Signed), T. A. FINLAY,
Chnirman.


[^0]:    This Report is brought to you for free and open access by the City of Dublin Technical Schools at ARROW@TU Dublin. It has been accepted for inclusion in Annual Reports by an authorized administrator of ARROW@TU Dublin. For more information, please contact yvonne.desmond@tudublin.ie, arrow.admin@tudublin.ie, brian.widdis@tudublin.ie.

    This work is licensed under a Creative Commons
    Attribution-Noncommercial-Share Alike 3.0 License

