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1889

Third Annual Report of the Governors of the City of Dublin Technical Schools and Science and Art Schools for the Session 1888-89

City of Dublin Technical Schools

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Recommended Citation

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TO THE RIGHT HONORABLE THE LORD MAYOR, ALDERMEN AND BURGESSES OF DUBLIN.

REPORT

OF

THE GOVERNORS

OF THE

CITY OF DUBLIN TECHNICAL SCHOOLS

AND

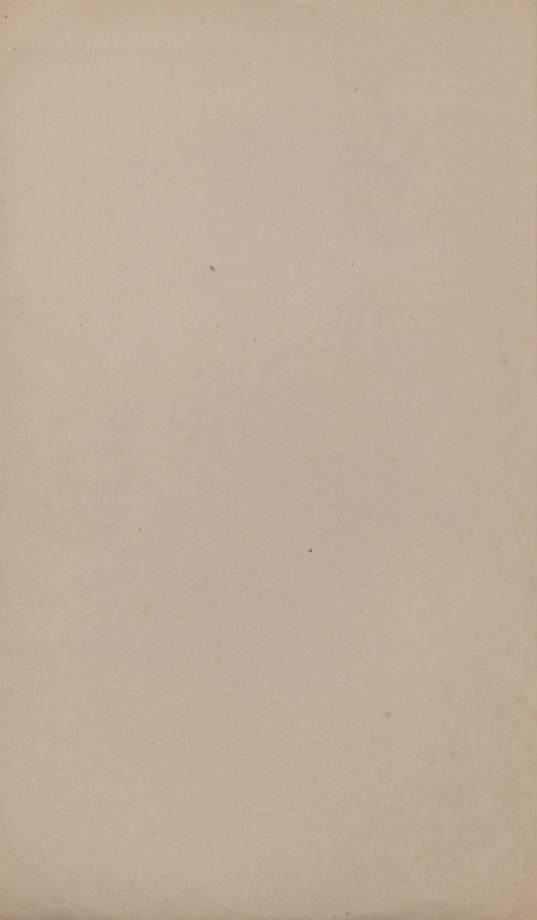
SCIENCE AND ART SCHOOLS,

FOR THE SESSION, 1897-8.

TWELFTH ANNUAL.

DOLLARD, PRINTINGHOUSE, DUBLIN.

1898.



TO THE RIGHT HONORABLE THE LORD MAYOR, ALDERMEN AND BURGESSES OF DUBLIN.

REPORT

OF

THE GOVERNORS

OF THE

CITY OF DUBLIN TECHNICAL SCHOOLS

AND

SCIENCE AND ART SCHOOLS.

FOR THE SESSION, 1897-8.

We, the Governors appointed by resolution of the Municipal Council of 10th May, 1897, beg to submit herewith our Report for the Session 1897-8. The outgoing Governors, on the 30th day of June, 1897, having furnished a Report on the Schools up to that date, we thought it unnecessary to submit the usual Report at the end of the School year, as we were then only a couple of months in office.

But as our predecessors were unable in their Report to give the results of the May Examinations, the returns of which were not then received from the Science and Art Department, we append them to this Report. Upon these results a sum of £164 5s. 6d. was paid by the

Science and Art Department (the largest sum ever earned by the Schools for result fees), and a further sum of £659 4s. 10d. was paid to us by the Department for the instruction given in Technology in the same year.

The Session opened upon Monday evening, the 26th September, 1897, and classes were held in the following subjects:—

SCIENCE.

Practical Plane and Solid Geometry.

Machine Construction and Drawing.

Building Construction and Drawing.

Mathematics (5 classes).

Applied Mechanics (Elementary and Advanced).

Sound, Light, and Heat.

Magnetism and Electricity.

Chemistry (Inorganic, Theoretical, Elementary and Advanced).

Chemistry (Inorganic, Practical, Elementary, and Advanced).

Chemistry (Organic, Theoretical).

Steam.

ART.

Geometrical Drawing.

Freehand Drawing (Elementary and Advanced).

Model Drawing.

Drawing in Light and Shade (Elementary and Advanced).

Modelling.

TECHNOLOGY.

Electric Lighting (Preliminary and Ordinary Grade). Mechanical Engineering.

Boot and Shoe Making.

Carpentry and Joinery.

Metal-plate Work.

Plumbers' Work (Preliminary, Ordinary, and Honours Stages).

Tailors' Cutting.

Painters and Decorators' Work (Elementary and Advanced).

COMMERCIAL.

English (Elementary and Advanced).
Shorthand (Beginners', Intermediate, and Advanced).
Book-keeping.
French (Elementary and Advanced).

German. Trish.

Women's Classes.

Dressmaking. Cookery.

(50 distinct classes in all.)

Within a few weeks of the opening of the Schools upwards of 800 pupils were enrolled. This number was increased to 990 before the close of the Session; and had we not been compelled to refuse admission to a large number of pupils desirous of joining classes already overcrowded, this latter figure might have been considerably increased.

Owing to the overcrowding in previous years in the Freehand Drawing Classes, we decided to devote two extra evenings in the week to this subject, with the result that the attendance was more regular, and the results at the Examinations much better than those of previous years.

As there was no proper accommodation for the Practical Class in Painters and Decorators' Work, opened during the previous Session, we converted the old cottages vacated by the caretaker into a workshop for this class—a decided improvement, although it does not provide all the accommodation required.

The Class in Laundry Work was discontinued owing to insufficient attendance. An additional evening was given to the Class in Cookery, which prevented the overcrowding on the practice evenings, and thus greatly facilitated the work of the Teacher.

These alterations worked satisfactorily, were appreciated by the pupils, and tended to promote the more regular attendance, which, we are pleased to report, compares favourably with that of the previous Session, as may be seen from the following figures:—

		Number on Roll	Actual Number of attendances made	Average Attendance per Night		
Session 1896-7	 	925	28,811	207.2		
Session 1897-8	 	990	33,247	239.2		

At the Examinations held by the Science and Art Department, Francis D. Moulang obtained a Whitworth Exhibition value £50, and at the Examinations held by the City and Guilds of London Institute, Leo P. Ganter obtained First Prize, £2, and Silver Medal, in Clock and Watch Making. John M. Shackleton, Second Prize, £1 10s., and Bronze Medal, in Electric Lighting and Power Transmission.

Last Session the Schools came under the new regulations of the Science and Art Department, whereby payments on the results of the Examinations are abolished, and a system of payments on attendances instituted instead. As these payments are variable (being based partly upon the report of the Government Inspector, and partly upon the results of the Examination), we are unable at present to say how much the grant for Science and Art instruction will amount to for the Session.

We claim from the Science and Art Department a sum of £716 1s. 5d. for instruction in Commercial and Technological subjects, under minutes of the Department of 17th January, 1893, 1st May, 1894, and 19th March, 1897.

The Class in Irish was discontinued after Christmas, as no pupils presented themselves, and no one has since applied for instruction in this subject at this School.

Having before us the report of our predecessors, drawing attention to the very inadequate accommodation of the Schools, and having considered plans for their extension, we came to the conclusion that they were wholly inadequate, and, accordingly, we directed our Secretary to prepare a report on the requirements of the classes, and appointed a Sub-Committee, consisting of Councillor Beardwood, Mr. Patrick Dowd, Mr. John Good, Mr. Arnold Graves, Mr. J. F. Keatinge, and Mr. W. R. Molloy, to furnish a report, with plans for a new building. As this report, which we adopted, has already been printed and circulated among the Members of the Municipal Council, and their sanction obtained for the necessary loan to erect the new building, we think it unnecessary to refer further to this matter.

The fees received during the Session in the Science and Art Classes amounted to £100 5s., and in the Commercial and Technological Classes to £235 8s., making a total of £335 13s.

Private subscriptions received during the year amounted to £59 18s. The total income and expenditure of the Technological and Commercial Classes for the past two Sessions will be found appended (see Appendix).

A statement showing receipts and expenditure of the Science and Art Classes will be published in the Corporation Accounts.

We desire to return thanks to Lady Thomson, Mrs. Frazer, Mr. J. R. Boyd, Mr. M. Crowley, Mr. A. Conan Mr. A. Purser, Mr. R. Wharton, and the Dublin Guild of Master Painters, for their kind assistance at the Examinations, and to the Right Hon. The Lord Mayor, Messrs. Dockrell and Sons, Messrs. Kennan and Sons, Messrs. Maguire and Gatchell, Messrs. Manfield and Sons, Mr. Bernard Doyle, Mr. William Heather, Mr. Peter Horan, Mr. J. F. Keatinge, Mr. John Kilner, Mr. John Long, Mr. John Mulligan, Mr. John Sibthorpe, and the Dublin Guild of Master Painters, for special prizes, and also to the other subscribers to the Schools.

In Appendix D will be found a list of Life Members and Subscribers, and in Appendix E a return of attendances of the Governors from their appointment, August, 1897, to present date, November, 1898.

All which we beg to submit as our Report, this 2nd day of November, 1898.

Signed,

ALFRED G. THORNTON,

Chairman of Meeting, held 2nd day of November, 1898.

Results of Examinations

HELD

APRIL, MAY AND JUNE, 1897.

SPECIAL PRIZES.

THE RIGHT HON. THE LORD MAYOR'S PRIZE, £5.

To the most successful Pupil at the Examinations.

James Fogarty.

PLUMBING

Messrs. Maguire and Son's Prize, £3.

Best Pupil in Senior Class.

John T. Bolton.

Messrs. Thomas Dockrell and Sons' Prize.

Best Pupil in Junior Class.

Thomas J. Vella.

TAILORS' CUTTING.

Mr. Horan's Prize, £1.

Best Pupil in Senior Class.

Michael Mooney.

BOOT AND SHOEMAKING.

"Irisii Leather Trades' Journal," Silver Cross.

James Nolan.

Messrs. Manfield and Sons' Prize, £1.

John Kavanagh.

Mr. John Mulligan, Mr. Wm. Heather, Mr. Arthur Webb, and Mr. E. J. Long, Prizes.

Divided among—

Patrick Coughlan Edward M'Carthy Joseph Mullen Maurice O'Connor

Science and Art Department.

SCIENCE.

PRACTICAL PLANE AND SOLID GEOMETRY.

Teacher—Mr. C. B. OUTON.

ELEMENTARY STAGE.

Pass-

James Dillon Kelly Robert Carter Aloysius Hanway Francis E. Sparrow George Hanlon Thomas A. Crampton Charles F. Dryden

Fair—Edward J. Cleburne.

MACHINE DRAWING AND CONSTRUCTION.

Teacher—Mr. C. B. Outon.

ADVANCED STAGE.

Second Class—Thomas Anderson.

ELEMENTARY STAGE.

James Dillon Kelly Valentine Perry John E. Field Frederick Ganter

Leo P. Ganter Charles F. Dryden John Young

Fair_

Thomas E. Eager John Doyle

James Byrne Arthur E. Davy

BUILDING CONSTRUCTION AND DRAWING.

Teacher-Mr. WILLIAM MILLARD.

ADVANCED STAGE.

First Class-

Thomas Byrne

Aloysius Hanway

ELEMENTARY STAGE.

Pass-

Joseph P. Somers Robert H. Doug¹as Edward Stephenson

Fair-

Albert S. Richards James Byrne Thomas M. Doyle Edward Reid William Byrne

MATHEMATICS.

Teacher-MR. C. H. LOGAN.

FIRST STAGE.

Fair—Peter P. Higgins.

SECOND STAGE.

Second Class-

Thomas Fenelon

Charles S. Dudgeon

APPLIED MECHANICS.

Teacher-Mr. C. B. Outon.

' ADVANCED STAGE.

Second Class-

Ernest R. Briggs
Edward J. Cleburne

Robert Carter

ELEMENTARY STAGE.

Pass-

Harry T. Bell Peter P. Higgins Thomas Anderson G. Stanley Greenish James Dillon Kelly Francis E. Sparrow Richard Meehan Charles F. Dryden Andrew Little Joseph Gaffney Ernest Lule Leo P. Ganter Fred S. Ganter

Fair—Francis S. Penrose.

SOUND, LIGHT AND HEAT.

Teacher-Mr. W. VICKERS DIXON.

ELEMENTARY STAGE.

Pass-

William J. Bowesman Aloysius Hanway Robert J. Dowling Henry M. Harrison Henry Molloy Thomas A. Crampton Norman V. M'Dowell

James Ganly Alfred Jones Fair—

James Byrne

George S. Greenish

MAGNETISM AND ELECTRICITY.

Teacher-MR. W. VICKERS DIXON.

ADVANCED STAGE.

First Class—George Hanlon.

ELEMENTARY STAGE.

Pass-

Harry T. Bell Thomas A. Crampton Ernest H. Valentine Herbert G. Wallage Laurence P. Johnston

Henry M. Harrison John A. Armstrong Alfred Jones Robert J. Dowling Walter Horrocks

Fair-

Edward J. Cleburne William Wainwright

William J. Bowesman John Logan

CHEMISTRY.

Teacher-Mr. P. B. For.

ELEMENTARY STAGE.

Pass-

John A. Armstrong Christopher Toombs Norman V. M'Dowell Henry N. Bowesman Howard E. Deakin Robert L. M. Boyd

Fair-

John R. J. Turner Patrick E. Kelly Christina M. Jessop Patrick J. Duane Joseph L. Hogan Isaac Earl Robert J. Dowling James H. Davis Samuel G. Mackey Henry Hunt

CHEMISTRY, INORGANIC—PRACTICAL.

Teacher-Mr. P. B. Fox.

ELEMENTARY STACE.

Pass-

Christina M. Jessop Christopher Toombs Joseph L. Hogan Issac Earl Laurence P. Johnston William H. Ringland Patrick J. Duane Henry N. Bowesman John R. J. Turner

Fair—Samuel G. Mackey.

STEAM.

Teacher—MR. C. B. OUTON.

ELEMENTARY STAGE.

Pass-

Fair-

Andrew Little Ernest Luke James D. Kelly Charles F. Dryden Francis S. Penrose

Thomas Anderson.

Bernard H. Creasey.

ART.

Teacher-MR. WILLIAM MILLARD

FREEHAND DRAWING.

ADVANCED STAGE.

First Class—James Fogarty.

ELEMENTARY STAGE.

First Class-

Mary Lloyd John W. Boylan Adelaide A. Repetto Catherine M. Elliott Angel A. Repetto

Second Class-

Kate Waldron
Elizabeth Lord
Elizabeth M. Cowman
Mary Mulholland
Madeline Barnes
Margaret Carberry
Annie Kelly
Thomas H. Nolan

John O'Reilly
Frederick Eycott
Patrick Donohue
May Field
Adelaide Field
Mary J. Bonass
James J. Moran
Malachi J. O'Reilly

MODEL DRAWING.

ADVANCED STAGE.

Second Class—James Fogarty.

ELEMENTARY STAGE.

First Class—Thomas A. Crampton.

Second Class-

Patrick Kehoe Adelaide A. Repetto Catherine M. Elliott Charles P. Burke

DRAWING IN LIGHT AND SHADE.

ADVANCED STAGE.

First Class—James Fogarty.

Second Class-Joseph H. Comerford.

ELEMENTARY STAGE.

Second Class-

Thomas A. Crampton

Thomas J. Elliott

GEOMETRICAL DRAWING.

Pass-

Thomas Redmond Neil M'Eachern Charles N. Patterson

City and Guilds of London Institute.

TECHNOLOGICAL EXAMINATIONS.

DRESSMAKING.

Teacher-Miss Sarah Kearney.

ORDINARY GRADE.

Second Class-

Edith Maud Field Dora Jane Philips Sara Jane Gardner Margaret Conway Charlotte Reid Susan Kenny

BOOT AND SHOEMAKING.

Teacher—Mr. THOMAS BROPHY.

ORDINARY GRADE.

Second Class-

John Kavanagh

Edward M'Carthy

PLUMBERS' WORK (PRINCIPLES OF).

Teacher-MR. HENRY KERRILL.

HONORS GRADE.

Second Class-Abraham Newman.

ORDINARY GRADE.

Second Class-

John T. Bolton Frederick Thomas M'Kay Owen Hynes Patrick Hutchinson

PRELIMINARY.

Passed-

Thomas J. Vella

James Kane

PLUMBERS' WORK (PRACTICAL TEST).

Passed—

Abraham Newman

John Joseph M'Donnell

ELECTRIC LIGHTING.

ORDINARY GRADE.

Teacher-MR. WILLIAM BROWN.

Second Class—

William Cecil Kirwan William Robert Stephens Robert Maxwell Power Robert Carter George Hanlon Henry Edward Powell Joseph Berry

PRELIMINARY STAGE.

Teacher-MR. W. VICKERS DIXON.

Passed-

John Edward Field Robert Maxwell Power Henry Molloy William Cecil Kirwan Francis George Sherwood Robert Henry Douglas Michael Christopher Scully

MECHANICAL ENGINEERING.

Teacher—Mr. John Taylor.
Second Class—Andrew Little.

School Examinations.

ARITHMETIC.

Teacher-MR. C. H. LOGAN.

SECTION I.

First Prize-

Claud Anderson

W. R. Dempsey

SECTION II.

First Prize—John Egar.

Second Prize-Michael Kirwan.

ARITHMETIC AND MENSURATION.

Teacher-MR. C. H. LOGAN.

First Prize-John Byrne.

Second Prize-

Alice Doyle

Lizzie Lennon

WRITING.

Teacher-MR. J. T. DEWAR.

SENIOR CLASS.

First Prize-

Edward Bergin Edward Hewitt Susan Armstrong

Second Prize-George Peel.

JUNIOR CLASS.

Second Prize-

Patrick Hanlon

Lillie White

BOOK-KEEPING

Teacher—Mr. Hamilton Bell.

First Prize—W. B. Varian.

Second Prize-

Samuel J. Folton Edward L. Keegan

Richard J. Bell

SHORTHAND

Teacher—Mr. F. C. WALLIS-HEALY.

SENIOR CLASS.

First Prize—Eleanor Maud Ryan. Second Prize—Ernest A. Cooper.

JUNIOR CLASS

Second Prize-Philip Heuston.

FRENCH.

Teacher-Mr. P. E. JORDAN.

JUNIOR CLASS

Second Prize-

William Bowes

Emily Jacob

GERMAN.

Teacher—HERR WESPENDORF.

SENIOR CLASS.

Second Prize—Samuel P. Butler.

JUNIOR CLASS.

First Prize—Christopher K. Fennell.

COOKERY.

Teacher-Miss Mary B. Todd.

First Prize-

Christina Burke Ellie Sweetman Matilda Troy

Second Prize-

Catherine Williams Caroline Neill Maria M'Dermott

LAUNDRY.

Teacher—Miss Mary B. Todd. First Prize—Catherine Williams.

TAILORS' CUTTING.

Teacher-Mr. P. Horan.

SENIOR CLASS.

Mr. Horan's Prize—Michael Mooney.

JUNIOR CLASS.

Second Prize—Edward T. O'Leary.

BUILDING SURVEYING.

Teacher-MR. T. F. SLEVIN.

SENIOR CLASS.

First Prize—Isaac O'Toole.

Second Prize-Thomas J. Kavanagh.

JUNIOR CLASS.

First Prize-

Alexander J. M'Dowell Joseph P. Somers Thomas M. Doyle

Second Class-

Patrick Callan

Walter J. Waterson

FREEHAND DRAWING.

Teacher—MR. WILLIAM MILLARD.

JUNIOR CLASS.

First Prize—Alice Doyle.

Second Prize-

James P. Keogh

Fred P. Waterson

ENGLISH.

Teacher-MR. HAMILTON BELL.

SENIOR CLASS.

Second Prize-

James Byrne M. J. Kirwan John Carter

JUNIOR CLASS.

Second Prize—Owen Byrne.

PAINTERS AND DECORATORS' WORK.

Teacher-Mr. P. Keogh.

Prizes awarded by the Dublin Guild of Master Painters.

First Prize—Howard Duncan Second Prize—Thomas Walsh Third Prize—Patrick Kehoe Fourth Prize—J. J. Lynch Fifth Prize—Thomas Brophy Sixth Prize—Patrick Lamb

Seventh Prize—John M. Peavoy
Eighth Prize—John A. O'Reilly
Ninth Prize—James Dunn
,, ,, John Briggs \ \frac{1}{5}
Tenth Prize—John Bone \ \frac{1}{5}

Results of Examinations

HELD

APRIL, MAY AND JUNE, 1898,

SPECIAL PRIZES & DISTINCTIONS

Gained by Pupils of the Schools.

THE SCIENCE AND ART DEPARTMENT EXAMINATIONS.

Francis D. Moulang.

WHITWORTH EXHIBITION, VALUE £,50.

CITY AND GUILDS OF LONDON INSTITUTE'S EXAMINATIONS.

ELECTRIC LIGHTING AND POWER DISTRIBUTION.

John M. Shackleton.

Second Prize—£1 10s. and Bronze Medal.

CLOCK AND WATCH MAKING.

Leo P. Ganter.

First Prize—£2 and Silver Medal.

School Prizes.

The Right Hon. the Lord Mayor's Prize, £5.

To the most successful Pupil at the Examinations.

Thomas A. Crampton.

PLUMBING.

Messes. Maguire and Gatchell's Prize, £3.

Best Pupil in Senior Class.

David Ormiston.

MESSRS. THOMAS DOCKRELL AND SONS' PRIZE.

Divided between—
J. E. Clarkson.
and
Frederick McKay.

TAILORS' CUTTING.

Mr. Horan's Prize, £1.

Andrew Orr.

BOOT AND SHOEMAKING.

MESSRS. MANFIELD AND SONS, MR. JOHN MULLIGAN, MR. WM.

HEATHER, AND MR. E. J. LONG'S PRIZES.

Divided among—

William Bellamy Edward M'Carthy Joseph Mullen Constantine Murray

MACHINE CONSTRUCTION AND DRAWING.

MESSRS. KENNAN AND SONS PRIZE, £1 IS.

George Carter.

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PAINTERS AND DECORATORS' WORK.

Teacher—Mr. A. Matson Smith.

Dublin Guild of Master Painters' Prizes.

THEORY.

SECTION I.—SENIOR.

First Prize—Richard Tyndall Second Prize—John A. O'Reilly

SECTION II.—JUNIOR.

First Prize—J. J. P. Brown
Second ,, John Lynch

Third Prize—W. G. Flood
Fourth ,, Patrick Martin

PRACTICAL WORK.

SECTION I.

First Prize—James Dunne Third Prize—Richard Tyndall Second ,, Archibald M'Cullock

SECTION II.

First Prize—Patrick Kehoe Third Prize—J. Breen Second ,, John Freeney

MR. SIBTHORPE'S PRIZE FOR DRAWING.

First Prize—Patrick Kehoe
Second ,, J. J. P. Brown

Third Prize—Richard Tyndall

MR. KEATINGE'S PRIZE FOR LETTERING.

SECTION I.

First Prize—Richard Tyndall Second Prize—James Dunne

SECTION II.

First Prize—John Freeney Second Prize—Edward Martin

Science and Art Bepartment.

SCIENCE.

PRACTICAL PLANE AND SOLID GEOMETRY.

Teacher—Mr. C. B. Outon.

ADVANCED STAGE.

Second Class—Francis D. Moulang.

ELEMENTARY STAGE.

First Class-

C. N. Patterson Richard Lyne J. Maher P. P. Higgins.

Second Class-R. Meehan.

MACHINE CONSTRUCTION AND DRAWING.

Teacher-MR. C. B. OUTON.

ADVANCED STAGE.

First Class—

Robert J. Dowling Leo. P. Ganter Peter P. Higgins

Fred Ganter William A. Seeds James D. Kelly Andrew Little Francis D. Moulang

Second Class-

John Young

ELEMENTARY STAGE.

First Class-

William Donaldson John P. Doyle Thomas E. Eager Richard Lyne Charles N. Patterson Alfred Summers

Second Class-

Harold Robinson

Richard Meehan Reginald G. Porte

BUILDING CONSTRUCTION AND DRAWING.

Teacher-Mr. RICHARD COULSON.

ADVANCED STAGE.

First Class—Thomas A. Crampton. Second Class—Edward Stephenson.

ELEMENTARY STAGE.

First Class-

Joseph Burke Patrick Callan Patrick Donohoe James Joseph McAulay Joseph W. Pemberton Alex. Smith

Second Class-

John P. Gaffney Thomas Kelly Joseph J. Maher John Murphy Robert Oliphant

MATHEMATICS.

Teacher-Mr. C. H. LOGAN.

SECOND STAGE.

First Class—C. S. Dudgeon.

Second Class-

T. P. Fox Wm. Hazlett Ernest Luke J. M'Cluskey Francis D. Moulang

FIRST STAGE.

First Class—Peter Paul Higgins.

Second Class-

John Byrne

J. H. Munroe

APPLIED MECHANICS.

Teacher—Mr. C. B. Outon.

ADVANCED STAGE.

First Class-Francis D. Moulang.

Second Class-

Richard Meehan

James D. Kelly Andrew Little

ELEMENTARY STAGE.

First Class-

Arthur Byrne Thomas A. Crampton Herbert H. Henly Richard Lyne

Second Class-

Henry W. Crosthwaite Aloysius Hanway Richard L. Ray George Ridgway Walter C. Treanor

SOUND, LIGHT, AND HEAT.

Teacher-Mr. W. V. Dixon.

ELEMENTARY STAGE.

First Class-

Francis D. Moulang

Emily S. Maguire

Second Class-

John E. Field

William F. Hazlett

ELECTRICITY AND MAGNETISM..

Teacher-MR. W. V. DIXON.

ADVANCED STAGE.

Second Class—Francis D. Moulang.

ELEMENTARY STAGE.

First Class—

Charles Brown
Thomas Byrne
J. H. Clarke
Cornelius J. Collins
Michael E. Connor
Ernest E. Joynt
James D. Kelly

Patrick Lambert Norman V. M'Dowell Fortescue B. Monsell Michael J. Peyton Daniel Scully Samuel Storey John White

Second Class-

Emily S. Maguire George L. Morris Reginald G. Porte Edward Stephenson J. W. Wonfor

Frank Dunne
C. W. Forster
William F. Hazlett
John M'Nally

A. T. A. Cullen

THEORETICAL INORGANIC CHEMISTRY.

Teacher—Mr. P. B. Fox.

ADVANCED STAGE.

Second Class-

Ernest E. Joynt

Norman V. M'Dowell

ELEMENTARY STAGE.

First Class-

Robert J. Dowling Samuel Hooey Francis D. Moulang William H. Ringland

Second Class-

W. M. Crofton James H. Davis Aloysius Hanway Percy C. Harrison Alex. Hutton Christina Jessop , P. J. Monks James H. Munroe William S. Taylor

PRACTICAL INORGANIC CHEMISTRY

Teacher-Mr. P. B. Foy.

ADVANCED STAGE.

Second Class-

Henry S. Bowesman

Christina M. Jessop

STEAM.

Teacher-Mr. C. B. Outon.

ADVANCED STAGE.

Second Class-

Ernest E. Joynt Ernest Luke Francis D. Moulang

ELEMENTARY STAGE.

First Class-

Arthur Byrne Thomas A. Crampton Henry W. Crosthwaite Rawdon Greene Henry M. Harrison P. P. Higgins

Second Class-R. L. Ray.

ART.

Teacher-Mr. WILLIAM MILLARD.

FREEHAND DRAWING.

ADVANCED STAGE.

Second Class—Thomas A. Crampton.

ELEMENTARY STAGE.

First Class-

John W. Boylan Elizabeth Buckley Nellie Caswell George Caydzien Annie Coghlan Elizabeth M. Cowman May Field William Garry Valentine Jackson Rose Kinsella
Carlo P. Knapton
Clara Logan
Josephine O'Brien
Mary T. O'Carroll
Alfred L. Oke
Samuel Storey
A. L. Verschoyle
Katherine M. Weldon

Second Class-

Thomas Bell John Byrne Mary T. Cleary Matilda Delany Mary A. Devereux Annie Fogarty Samuel E. Gillespie Mary J. Heffernan Patrick Kehoe James Lyons Laurence M'Donnell Josephine Mulvin Mary Mulholland Anastasia Murphy Thomasina Noblett Elizabeth Smyth Edward Stephenson Frederick P. Waterson John Watson

MODEL DRAWING.

ADVANCED STAGE.

First Class—James Fogarty.

Second Class—Thomas A. Crampton.

ELEMENTARY STAGE.

Second Class-

Kate Elliott William Garry Josephine O'Brien

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DRAWING IN LIGHT AND SHADE.

First Class—Joseph H. Comerford.

GEOMETRICAL DRAWING.

Teacher—Mr. P. J. O'CONNOR.

Passed-

William M. Byrne William A. Dawson John W. Dowdall Plevna T. Ellis Joseph Hayes Herbert H. Henly

City and Guilds of London Institute.

TECHNOLOGICAL EXAMINATIONS.

DRESSMAKING.

Teacher-Miss Kearney.

ORDINARY GRADE.

Second Class-

Constance O. Burns Anne Dunne

Anna M. Fitzharris

PLUMBERS' WORK (PRINCIPLES OF).

Teacher-Mr. HENRY KERRILL.

HONORS GRADE.

Second Class-John T. Bolton.

ORDINARY GRADE.

First Class-

J. E. Clarkson Frederick McKay

David Ormiston

PLUMBERS' WORK (PRACTICAL TEST).

Passed-

John T. Bolton James Conneff

David Ormiston

ELECTRIC LIGHTING.

ORDINARY GRADE.

Teacher-Mr. WILLIAM BROWN.

First Class-

John M. Shackleton (prizeman) Gilbert G. Sutcliffe John Edward Field

Second Class-

Robert Carter John A. Cunningham Bertram J. Rouse

PRELIMINARY STAGE.

Teacher-Mr. W. VICKERS DIXON.

Passed-

John A. Armstrong M. E. Connor Henry M. Harrison Louis Ingoldsby Ernest E. Joynt Fortescue B. Monsell John White John Young

METAL PLATE WORK.

Teacher-Mr. C. E. A. KLINGNER.

ORDINARY GRADE.

Second Class-

Hugh M. Campbell

George E. Pappin

School Examinations.

ARITHMETIC.

Teacher-Mr. C. H. LOGAN.

SECTION III.

First Class-John Sullivan.

First of Second Class—Peter Paul Higgins.

Second Class—George Bolster.

SECTION II.

First Class—James Fahy.

First of Second Class—James Lyons.

Second Class—David Weyms.

SECTION I.

First Class—Michael F. Boylan.

First of Second Class—T. H. Higgins.

Second Class—Annie Rudd.

BUILDING SURVEYING.

Teacher—Mr. RICHARD COULSON.
SENIOR CLASS.

First of First Class—Thomas J. Kavanagh.

First Class—Joseph Pemberton.

Second Class—Joseph P. Somers.

JUNIOR CLASS.

First of First Class—John Murphy.

First Class—

Herbert H. Henly James J. M'Auley James A. Wheeler

Second Class-Robert D. Moran.

MECHANICAL ENGINEERING.

SENIOR CLASS.

First Class—Andrew Little.

JUNIOR CLASS,

First of Second Class—R. M. Gage. Second Class—R. L. Ray.

SHORTHAND.

Teacher—Mr. F. C. Wallis-Healy.

SENIOR CLASS.

First of First Class—Philip McDonagh.

First Class—William Murphy.

First of Second Class—James Fitzharris.

Second Class-

James Deegan Peter Flood W. G. Smith J. J. Whelan

JUNIOR CLASS

Second Class-Priscilla Orr.

FRENCH.

SENIOR CLASS.

First Class—W. G. Neale.

First of Second Class—Hugh Stevenson. Second Class—Emily Jacob.

JUNIOR CLASS

First of Second Class-Eugene Hodges.

Second Class-

Percy E. Harrison

M. C. Dunne

GERMAN.

First Class—Christopher K. Fennell.

BOOK-KEEPING.

Teacher—Mr. Hamilton Bell.

First of Second Class—Annie Eurell.

Second Class—

John L. M'Connell

Reginald Craig

WRITING.

Teacher-Mr. R. J. FALVEY.

SENIOR.

First Class—Edward Bergin.
First of Second Class—James Fahy.
Second Class—Robert Mahon.

JUNIOR.

First of Second Class—William Thompson.
Second Class—Margaret Kennedy.

ENGLISH.

Teacher—Mr. Hamilton Bell.

SENIOR CLASS.

First of Second Class—Florence B. M'Ardle.

Second Class-

Owen Byrne M. J. Cassidy James Fahy Hugh M'Carthy David Weyms

JUNIOR CLASS

Second Class-John Egar.

COOKERY.

First of First Class—Maria M'Dermott.

First Class—Annie Kinsella.

First of Second Class—Marie B. Flynn.

Second Class-

Bridget Carberry Eleanor Keogh Mary Lynch Annie Kelly Katherine Williams

Examinations held by Science and Art Department.

SCIENCE.

		1896							1897			1898					
		Elemen-		Ad- vanced		Total	Elemen- tary		Ad- vanced		Total	Elemen- tary		Ad- vanced		Total	
		Pass	Fair	1st Class 2nd Class	2nd Class	Tc	Pass	Fair	Class	2nd Class	Tc	Ist Class	Class	lst	2nd Class	To	
Practical Geometry		4	2	_	_	6	7	1	-	-	8	4	1	-	1	6	
Machine Drawing		6	5	_	-	11	7	4	-	1	12	6	3	5	3	17	
Building ,,		-	3	_	3	6	3	-	2	5	10	. 6	5	1	1	13	
Mathematics		-	1	_	3	4	1	-	-	2	3	1	2	1	5	9	
Applied Mechanics		1	8		-	9	13	1	-	3	17	4	5	1	3	13	
Sound, Light and Hear	t	3	1	-	1	5	7	4	-	-	11	2	-2	-	-	4	
Magnetism and Elect	ri-	7	5	-	2	14	10	4	1	-	15	13	10	-	1	24	
Inorganic Chemistry, Theoretical	*	1	7	-	1.	9	6	10	-	-	16	4	9		2	15	
,, Practic	cal	-	3	1	-	4	9	1	-	-	10	-	-	-	2	-2	
Steam		3	3	-	2	8	5	2	-	-	7	6	1	-	1	8	
Totals		25	38	1	12	76	68	27	3	11	109	46	38	8	19	111	

ART.

		18	96			189	97		1898			
CLASS	Pass	lst	2nd Class	Total	Pass	Class	2nd Class	Total	Pass	Class	2nd Class	Total
Geometrical Drawing	5	-	-	5	3	-	-	3	6	-	-	6
Freehand Drawing, Elementary	-	3	8	11	-	5	16	21	-	18	19	37
" Advanced	-	-	-	-	-	1	-	1	-	-	1	1
Model Drawing, Elementary	-	1	5	6	-	1.	4	5	-	-	3	3
", ", Advanced			-	-	-	-	1	1	-	1	1	2
Drawing in Light and Shade, Elementary		-		-	-	-	2	2	-	-	-	-
,, ,, Advanced		-	2	2	-	1	1	2		1	-	1
Total	. 5	4	15	24	3	8	24	35	6	20	24	55

Examinations Held by the City and Guilds of London Institute.

TECHNOLOGY.

												1						-
			189	96					18	97					189	8	- (
CLASS	Pass	Or		Hon	ors	Total	Pass	Orna		Hor	nors	Total	Pass		di-	Hor	nors	Total
The same of	Pg	1st.	2nd.	1st.	2nd.	T	A	1st.	2nd.	1st.	2nd.	T	1	1st.	2nd.	1st.	2nd.	L
Boot and Shoe- making			1			1			2			2						
Plumbers' Work, preliminary	1					1	2					2						
Plumbers' Work, Principles of				1	1	2			4		2	6		3			1	4
Plumbers' Work, Practical Test	3					3	2					2	3					3
Electric Light, pre- liminary						4	7					7	8					8
Electric Light, ordinary .						5			7			7		3				6
Metal Plate Work												-	11		2			2
Mechanical Engineering			2			2	-						-					
Carpentry and Joinery			. 1			1							11					
Dressmaking .			. 9	1		9	1		6			6	1		3		-	3
TOTAL	- 1	8 .	. 18	1	. 1	28	1	1	19	1	2	32	11	1 (8	3	1	26

APPENDIX D.

List of Life Members, Annual Subscribers and Donors for the Year 1897-8.

Arnott and Co., 1886	
Cadogan, Earl of, Right Hon. Lord Lieutenant, 1895)
Darcy and Co., 1660	0
Dockrell and Sons <td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Dublin Guild of Master Painters, for Prizes in Painters and Decorators' Work 5 0 0	0 0 0
Goodbody, Jonathan — 1 0 1 0 1 0	0 0 0 0
Hayes, Wm	0 0 0 0

Jameson, John, and Son, Jameson, William, and C	, 1886 Co., 1886			£ 100 100	0	d. 0 0	£ 1	s. (1.
Keatinge, J. W., Prize in Kennedy, Charles, 1888 Kennan and Sons, for P			 Drawir	50 ng	0	0	1 -1	-	0
Londonderry, Earl of, 18 Long, E. J	887	-11.		25	0	0	0 1	0	0
M'Comas, S. W., and So Maguire and Son, 1887 Maguire, Gatchell and G		rize in		50	0	0		0	0
Plumbing Manfield and Sons, for making	Prize in B		Shoe-				3	0 0 0	0 0 0
Mansfield and Sons Meath, Earl of, 1888 Millar, Adam, and Co.,	1886			25 25	0 0	0	1	_	0.
Molloy, W. R., M.R.I Mulligan, John Do. for Prize in	A	d Shoem	aking		=		1 1	0	0 0
Nugent, Michael					_		1	0	0
Ogilvy, Alexander				180	0	0			U
Perry, George, 1886-89 Pim Bros., 1886 Power, John, and Son,				MO.	0	0 0	10		0
Poyntz, B., and Co.					0	0	1		U
Roe, George, and Co., Rooney, John C., 1899 Ross and Walpole	2			25		0	1	0	0
Royal Dublin Society,	1880-92				_		T	0	0
Skinners, Worshipful C Smalldridge, Samuel, 1 Sibthorpe and Sons, Pr	company o	1, 1001		. 25	5 0	-	1	-	0
Taylor, J. C The Right Hon. Daniel					-		1 5	0 0	
Yeates, S. M					-		2	0	0
Zetland, Earl of, 1890				. 2	5 (0		-	

APPENDIX E.

RETURN OF ATTENDANCES OF THE GOVERNORS FOR THE PERIOD 1ST SEPTEMBER, 1897, TO PRESENT DATE, NOVEMBER, 1898.

GOVERNING BODY.

NUMBER OF MEETINGS HELD, 34.

Representatives of the Municipal Council:-

Alderman	Sir Henry Coc	hrane (A)	opointed 1	st. Nove	mber,	
	1897, in roc	om of Cor	uncillor Lit	ttle, resig	ned)	1
	Kennedy					1
"	Kernan					21
"	J. Reilly					2
"	O'Reilly					5
Compillor	Beardwood					6
Councillor	Clancy (Resign					0
"	Camac (Appoin	nted 1st	Innuary 18	398)		4
"						4
"	L. Doyle					3
"	Gregan					3
,,	Hatch					25
,,	Healy					
,,	Holohan					0
,,	Lenehan					22
,,	Little (Resign	ned 1st N	ovember,	1897)		0
"	Moore					6
,,	Thornton					12
Representatives	of the United T	'rades' Co	uncil:—			
Mr. Patric	de Dowd					25
Mr. Faur	T onby					19
Mr. Georg	ge Leahy					16
Mr. John	Simmons L. Richardson	/Pesign	ad 31st D			2
Mr. E.	L. Kicharason	(Resign	t Tonnor	1808\	100.7	10
Mr. Josep	h Treacy (App	onned is	i January,	10.00)		10
Representative o	f Catholic Univ	rersity:				
Right Re	v. Monsignor M	Iolloy, D.	D			4
Representative of	f Engineering S	chool, I.	ETCI)		9
Professor	G. F. FitzGera	ud, F.R.S	., F.I.C.I)		-

Representative of Royal		f Science	e:			
(The Dean of Fa Professor A. Ha	cuity.)	cimed 3	Oth Sente	mber 18	97)	0
Professor A. Ha	ohnson (.	Appointe	our septe	October.	1897.	
$T \cdot J$	signed 30t	h Sente	mber. 18	98		8
W. N	l'Fadden	Orr (Ap	pointed 1	st Octobe	r, 1898	
,, ۷۷. 1۷.	L.I. addedi	011 (11)	pomacea		-	
Representative of Maste	er Builders	Associa	ation:—			
Mr. John Good						26
Representative of Dublin	n Guild of	Master	Painters:			
Mr. J. F. Keatin	ge					16
Representatives of Subs	cribers to t	the Scho	ols:—			
Mr. W. R. Moll	oy, J.P., N	A.R.I.A.				9
Mr. John Mullig	an					29
			1 4.1 0	. 1 10	0.7	
Added by Resolution of	Municipa	I Counc				10
Mr. Arnold Grav	res					18
	SUB-CO	MMITT	EES.			
Nu	MBER OF 1	MEETINGS	HELD, 5	5.		
	NUMBER	OF ATTE	NDANCES.			
G 111 D 1 1						3
Councillor Beardwood						2
Mr. P. Dowd						5
Mr. John Good						5
Mr. Arnold Graves						4
Mr. J. F. Keatinge						3
Mr. W. R. Molloy						1

1897.
July,
to 31st
to
, 1896,
1st August,
181
from
Account
Cash

Dr.

Cr.

र्ड क भ	1,352 18 10 150 15 6 2,193 13 2 £3,697 7 6
July 31—By Instructors' and Secretary's Salaries 48 4 10 "General Class Expenses 48 4 10 "Printing, Stationery, Periodicals and Advertising 128 9 8 "Fuel and Gas 61 15 6 "Prizes 34 4 8 "Rent, 37 Lower Kevin-st. 40 0 0 Wages 40 0 0 Vages 122 13 8 "Erection of Boundary Wall 50 0 0 "Surveyor's Expenses for proposed new Class- rooms 17 8 0	", Additions to Furniture of Workshops, etc 2,192 13 2 ", ", " Hands 1 0 0 #########################
et s. d, £ s. d. 1,299 8 9 2,238 11 9 3,358 12 9 2,338 15 9	23,697 7 6
Aug. 1st—To balance at this date:— In Hibernian Bank " Hands July 31.—To Dublin Corporation, total Grants received " Grant from Science and Art Department " Donations and Subscriptions " School Fees " Sale of School Requisites	

41

Revenue Account from 1st August, 1896, to 31st July, 1897.

Dr.

EXPENDITURE.

Cr.

... 2,338 15 0 zó. 2,092 4 £4,431 July 31-By Balance, as per Account, 31st " Sundry Receipts, as per Cash :: INCOME, July, 1896 Account 1897 s. d. ... 1,352 18 10 1 ... 2,901 £4,431 42 come over Expenditure from July 31—To Sundry Payments, as per Cash Balance, being excess of In-Depreciation on Plant, Fur-1st October, 1885, to 31st

42

Account

niture, and Fittings

July, 1897

CITY OF DUBLIN TECHNICAL SCHOOLS. Balance Sheet, 31st July, 1897.

		000		
s. d.		707 10 7	13 2	8 8
es S		107	2,193 13 2	£2,901 3
g 8 9	100	7	1001	1 -8 11
£ s. d. 33 12 8 50 15 6	00	17	13	
1 -	884 8 2	2 21 921	2,192 13 2	
Workshop Fittings and Furniture, etc Additions during year		Less. Depreciation, as per Revenue Account	Cash in Hibernian Bank 2,192 13 2 , , , hands of Secretary 1 0 0	
£ s. d.				101
νi ο				60
£ s. d.				£2,901 3 9
Revenue Account, being excess of Income over Expenditure, from 1st October, 1885, to date				

We have compiled the above Accounts from the Books and Vouchers handed to us, and hereby certify that they agree therewith. STOKES, BROS. & PIM,

Chartered Accountants.

Dublin, October 19th, 1897.

Cash Account from 1st August, 1897, to 31st July, 1898.

Dr.

Cr.

رن به به		1,380 11 4	16 16 2	£4,793 11 1
£ s. d. 840 7 6 73 11 11 88 7 5	41 10 1 55 11 8 95 0 0 107 18 3 47 18 0	25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	 506 6 10 1 4 9	1
July 31—By Salaries General Class Expenses , Printing , Stationery and	"" "" "	Room ,, Sundries and Petty Disbursements ,, Investment for Equipment of New Class Rooms	". Additions to Class Furniture and Equipment ". Cash on hands:— In Hibernian Bank In hands of Secretary	
1897 Aug. 1.— To Cash in Hands 1000 Aug. 1.— To Cash in Hands 2,192 13 2 1808	July 31—, Grants from Dublin Corporation for 1897 and 1898 1,600 0 0 1897 and 1898 1,600 0 0 0 Grant from Science and Art Department, for 1896-297 235 4 10 School Fees 235 8 0 3 Sale of School Requisites 9 7 1 5ale of School Requisites 59 18 0			£4,793 11 1

Revenue Account from 1st August, 1897, to 31st July, 1898.

Dr.

Cr.

ક. ક.	2,901 3 9	2,599 17 11		£5,501 1 8
Income.	1	"Sundry Receipts, as per Gash Account 2,599 17 11		33 H
7	3 4		ಣ	00
o ci	30 11	144 16	comestJuly, 3,975 14 3	£5,501 1 8
	1,	, 1	3,9	£5,5
Expenditure.	July 31—To Sundry Payments, as per Cash Account 1,330 11 4	". Depreciation on Plant, Fittings, and Furniture	"Balance, being excess of Incomeover Expenditure, from 1st October, 1885, to 31st July, 1898	
9	1898. aly 31-			

Balance Sheet, 31st July, 1898.

Assers. £ s. d. £ s. d. d Furniture, ccount, 31st 16 10 2	724 0 9	144 16 1	2,888 18 0 1 Bank 506 6 10 Secretary 1 4 9	£3,975 14 3
2,888 18 0 Workshop Fittings, Tools, Instruments and Furniture, &c., as per Account, 31st July, 1897 Additions during year	Trees	Depreciation, 20 per cent	Investments Cash in Hibernian Bank	£3,975 14 3
Investments 2 Revenue Account, being excess of Income over Expenditure, from 1st October, 1885, to 31st July, 1898 1				

