

EUREKA



Subject Choice

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www.eurekaschool.ie

Website
Presentation on School Website

www.eurekasecondaryschool.ie

Click on Homepage and select Career Guidance

Eureka Secondary School

HOMEPAGE

ABOUT US

EVENTS

CURRICULUM

WELLBEING

COMPETITIONS

MORE...



EUREKA



CEIST
Catholic Education
An Irish Schools Trust

Search



School Payments:

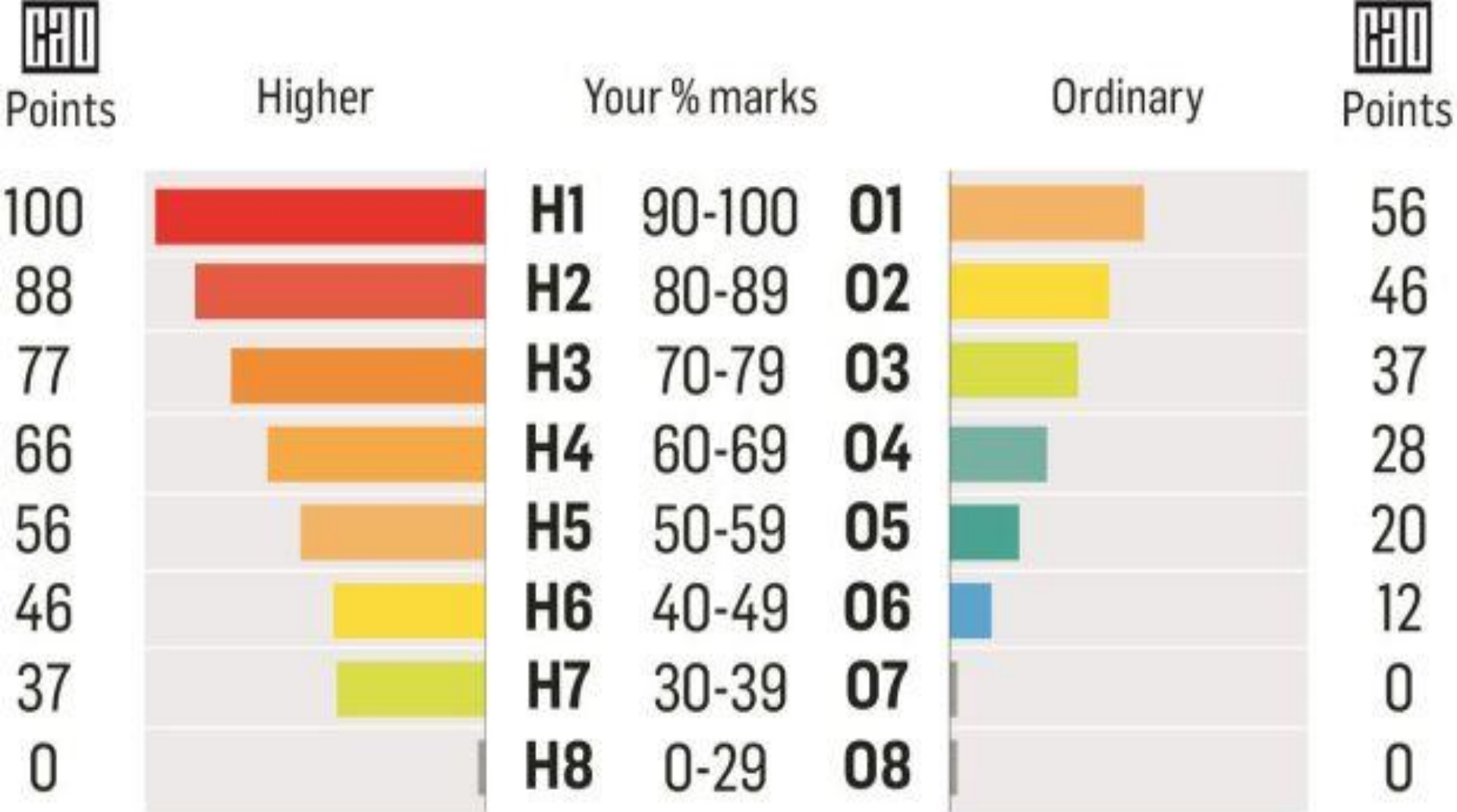
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Eureka's Subject Choice Programme

- TY students sample senior cycle subjects throughout TY. (Ongoing)
- Subject choice module in Careers (January)
- Aptitude and Interest Testing (December)
- Subject Choice Information Session (January)
- Subject Overview by Subject Teachers (January))



+25 Bonus points for H1-H6 maths

LCVP link modules Distinction 66 Merit 46 Pass 28

Leaving Cert is calculated on your SIX best subjects

1. ENGLISH

2. IRISH

3. MATHS

4. ?

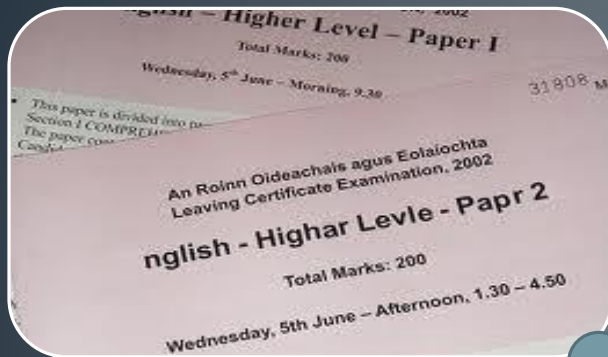
5. ?

6. ?

7. ?

Higher		Ordinary	
Grade	Points	Grade	Points
H1	100		
H2	88		
H3	77		
H4	66		
H5	56	O1	56
H6	46	O2	46
H7	37	O3	37
H8	0	O4	28
		O5	20
		O6	12
		O7	0
		O8	0

Mandatory Subjects For Leaving Cert



English

40% Oral
10% Aural
50% Written



IRISH



Maths

How do I Choose?

WHAT AM I GOOD AT



**What do I
need**

MATRICULATION: What do I need

Minimum entry/Matriculation requirements:

The minimum requirements for entry to a higher-education institution.

The minimum requirements can **change** from institution to institution.

Research essential.

WHAT HAPPENS IF I DO NOT TAKE A LANGUAGE OTHER THAN IRISH AND ENGLISH?

- The colleges of the National University of Ireland require a pass in a third language for entry into a large number of their courses.



Maynooth
University



NUIG



• UCD UL



UCC

ALSO a range of associated constituent colleges,
all of which are listed on the NUI website at nui.ie.

www.nui.ie

Exceptions to the rule

1. In recent years NUI colleges have dropped their third language requirement for engineering and science programmes. [See NUI Matriculation Regulations] UCD has also dropped it for their agricultural programmes.
2. Nursing at NUI colleges never required a third language.

ENTRY REQUIREMENTS

Points History

518[▲]

Minimum Subjects

3 H5 & 3 O6/H7

✓ O4/H7 IN English

✓ H4 IN Irish

✓ O4/H7 IN Maths

CAO Points History

600

COLLEGE PROFILE



Dublin City University

Visit College Profile

View Prospectus

Chat with Students

CAO College Hub

ENTRY REQUIREMENTS

Points History

336[▲]

Minimum Subjects

2 H5 & 4 O6/H7

✓ O6/H7 IN English

✓ O6/H7 IN Irish

✓ O6/H7 IN Any Other Language

From September 2020, students who wish to take Nua-Ghaeilge, French (Intermediate), German (Intermediate) and/or Spanish (Intermediate) will require a H4 in the relevant language. This applies to the languages in the MH101 degree and all other degrees in which it is possible to choose one of these languages.

CAO Points History

600
550
500

COLLEGE PROFILE



Maynooth University

Visit College Profile

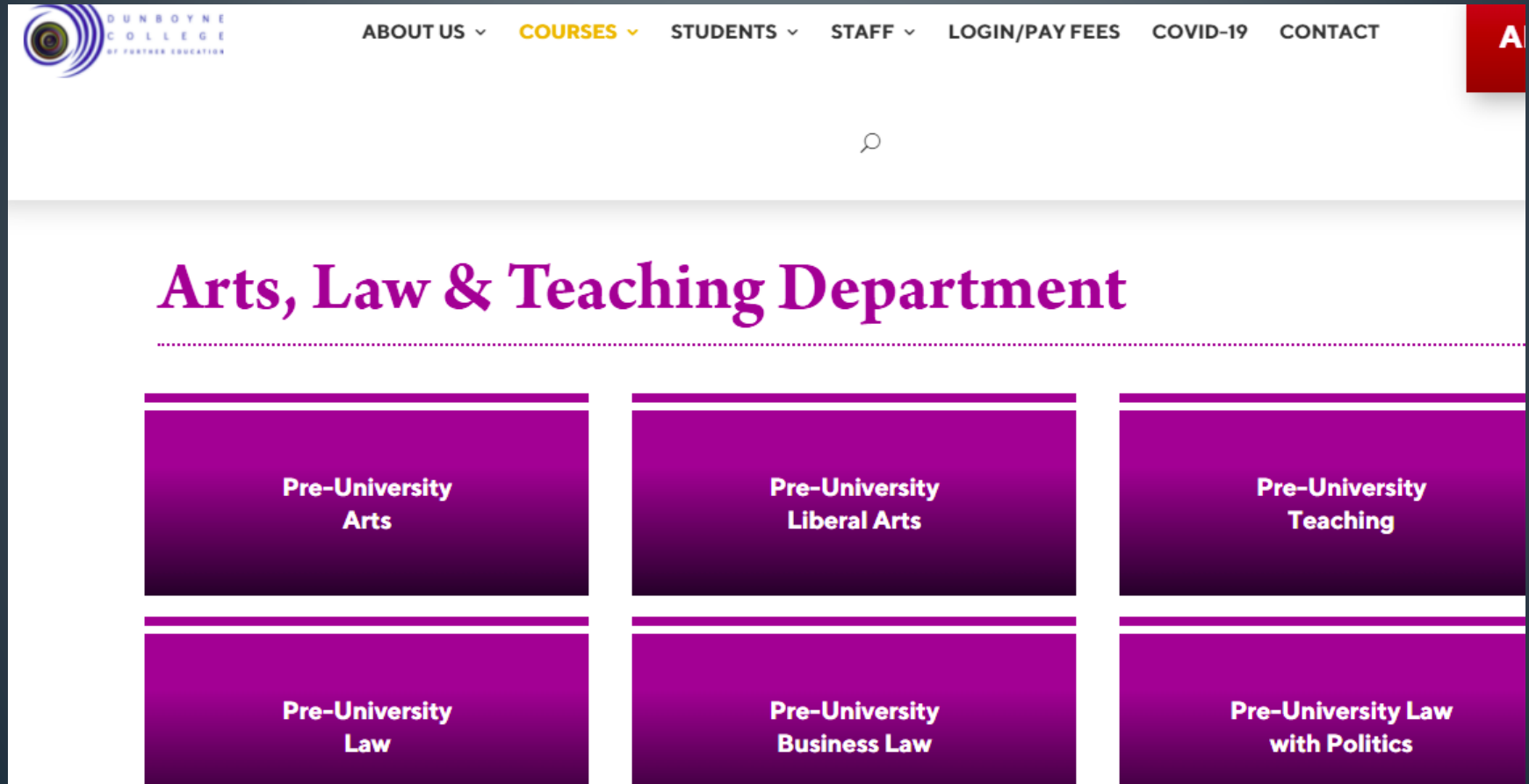
View Prospectus

Chat with Students

View Scholarships

View Courses

Pre University Route –PLC(Post Leaving Cert)



The screenshot displays the Dunboyne College website. The header includes the college logo, navigation links (ABOUT US, COURSES, STUDENTS, STAFF, LOGIN/PAY FEES, COVID-19, CONTACT), and a search icon. The main content area features the title 'Arts, Law & Teaching Department' followed by a grid of six course options, each in a purple box.

DUNBOYNE COLLEGE
OF FURTHER EDUCATION

ABOUT US ▾ **COURSES** ▾ STUDENTS ▾ STAFF ▾ LOGIN/PAY FEES COVID-19 CONTACT

🔍

Arts, Law & Teaching Department

Pre-University Arts	Pre-University Liberal Arts	Pre-University Teaching
Pre-University Law	Pre-University Business Law	Pre-University Law with Politics

THIRD LEVEL ENTRY REQUIREMENTS

Chemistry
Veterinary,
Pharmacy, Medicine
Dietetics & Food
Science

ENTRY REQUIREMENTS

H4(60%) Irish for
Primary Teaching

H5 Maths for
most Engineering
Courses

2 Science
Subjects for
General Science
at Trinity

3rd Language for
all NUI Colleges

H5 in Music for
Music Education

H4 in one science
subject for
Occupational
Therapy

H5 Biology
In Trinity

Medicine

Course Summary

Language Options

Entry Requirements

QQI / FET Links

The Student

Career Progression

Further Research

Points History

740⁺

* **HPAT**

✓ **O6/H7** IN English

✓ **O6/H7** IN Irish

✓ **O6/H7** IN Any Other Language

✓ **O6/H7** IN Maths

✓ **O6/H7** IN Agricultural Science OR A ✓ **H4** IN Chemistry

OR Biology

OR Physics

OR Chemistry

Minimum Subjects

2 H5 & 4 O6/H7

ANDA ✓ **H4** IN Biology OR Physics

COLLEGE PROFILE



RCSI

UNIVERSITY
OF MEDICINE
AND HEALTH
SCIENCES

RCSI University of Medicine
and Health Sciences

[Visit College Profile](#)

[View Prospectus](#)

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Science

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ENTRY REQUIREMENTS

Points History

488 [▲]

Minimum Subjects

2 H5 & 4 O6/H7

✓ **O6/H7** IN English

✓ **O6/H7** IN Irish

✓ **O6/H7** IN Maths

✓ **O6/H7** IN Agricultural Science OR Biology OR Chemistry OR Physics

OR Physics/Chemistry

COLLEGE PROFILE



NUI Galway
OÉ Gaillimh

NUI Galway

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Pre University Route –PLC(Post Leaving Cert)

[ABOUT US ▾](#)[COURSES ▾](#)[STUDENTS ▾](#)[STAFF ▾](#)[LOGIN/PAY FEES](#)[COVID-19](#)[CONTACT](#)[APPLY NOW](#)

**Pre-University
Science**

**Pre-University
Agricultural Science**

**Pre-University
Forensic Science**

Pre University Route –PLC(Post Leaving Cert)

**Pre-University
Environmental Science**

**Pre-University
Sports Science**

**Pre-University Food Science,
Nutrition, Health & Well-being**

**Pre-University
Animal Science**

**Pre-University Biomedical &
Pharmaceutical Science**

Research minimum entry requirements

- <https://careersportal.ie/courses>



Qualifax Website...

Search this site



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NFQ



You are here: [Home](#) > [Students](#) > [Useful Tools](#) > Minimum Subject Requirements

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In this section

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▶ [Career Events](#)

▶ [Choosing a Career](#)

▶ [Course Finder](#)

▶ [DARE and HEAR](#)

Course Search - Subject Requirements Module

All courses referred to in this section are Third Level CAO entry.
The Course Data in this section is for the CAO entry in 2022.

Please select one of the following:

[Junior Certificate Subjects](#)

[Leaving Certificate Subjects](#)

[back to top](#)

Don't Lock yourself out from courses

Revise
Your
Data



Research
Courses

- WWW.QUALIFAX.IE
- WWW.CAREERSPORTAL.IE
- COLLEGE WEBSITES

Current
Grades

Talk To
Teachers

Language Group:

Compulsory: Irish and English

French, German, Spanish

Science Group:

Compulsory: Mathematics

Ag.Science, Applied Maths, Biology,
Chemistry , Physics

Creative Group:

Art (including Crafts), Music

Business Group:

Accounting, Business, LCVP

Humanities

Geography, History,
Politics and Society

Social:

Social & Scientific (Home Ec.)
Religious Education

Practical:

Physical Education

Design and Communication Graphics,

What Type Of learner Are You

- 100% Written Exam

Project /Practical Work done before exam e.g.

IRISH 40% Oral 60% Written Exam

DCG 60% Project 40% Written Exam

Art 60%Project 40% Written Exam

MUSIC 50% Practical 50% Written

Geography/History/Politics and Society/Religion/Home
Economics

20% Project 80% Written Exam

Ag. Science 25% Project 75% Written

Science Subjects Offered in Eureka

Students required to learn off
Material about molecules and
organic chemistry

Calculations (30-40% maths)

Chemistry

Study Of Life

Lot of Memory Work

Useful for careers in
Nursing/Biotechnology

Physics

SCIENCE

Biology

Maths & Calculations

Good for career in
Engineering

Agricultural
Science

Focuses on farming:
Crop & Soil

Combination of
Geography and Biology

Biology



- Leaving Certificate Biology is a very interesting subject with over 20 experiments.

It is one of the most popular subjects at Leaving Certificate level.

Topics range from the cell, the heart, the digestive system, ecology to genetics.

Students who enjoy learning about how the human body works, nature and medical disorders & treatments will find biology very interesting.

Careers and Biology

- This subject is useful for careers in:
 1. Veterinary
 2. Medicine
 3. Pharmacy
 4. Nursing
 5. Physiotherapy
 6. Environmental Science

Chemistry

- Very exciting and practical subject with over 28 experiments.
- Subject ranges from topics such as environmental chemistry, molecular shapes, preparing soap to name but a few.
- Students who enjoy experiments and finding out what substances are made of will enjoy chemistry

Careers and Chemistry

Chemistry is useful for careers in:

- Veterinary
- Medicine
- Pharmacy
- Chemical Engineering
- Nursing
- Environmental Science
- Forensic Science

Physics

- Strong Maths element – Though can be taken comfortably with ordinary level maths
- Students must maintain a laboratory workbook
- 24 mandatory experiments – 4 examined on the LC paper

Careers and Physics

- Essential for electronics, engineering etc.
- Very high element of physics in courses like astronomy, computers, architecture etc.
- Also useful for General science courses and Radiography, Pharmacy & Pilot

Agricultural Science

- Leaving Certificate agricultural science involves the study of the science and technology underlying the principles and practices of agriculture.
- Aims to develop knowledge, skills and attitudes that promote the sustainability of agricultural resources, and places emphasis on the managed use of these resources

Careers and Agricultural Science

This subject is useful for careers in:

1. Veterinary
2. Environmental Science
3. Food Science
4. Nutrition and Dietetics
5. Animal Science
6. General Science

Applied Maths

This subject is suitable for students who enjoy Maths and want to gain easy leaving cert points. When studying Junior Maths have you ever wondered what is the point of algebra, trigonometry or quadratic equations. Applied Mathematics will answer these questions by showing real life applications and use of the Maths you study. With the extra points now allocated to Higher Level Maths, Applied Maths will help you gain these extra points. Many topics overlap with Higher Level Maths and Physics. The course consists of 10 topics in total, including all the Higher Level topics. The examination consists of one paper and is 2.5 hours long. The exam paper contains 10 questions at Higher Level and 9 at Ordinary Level, with students answering 6 questions in both cases, spending about 25 minutes on each question.

Benefits of Applied Maths:

1. Improvement in Maths.
2. Improvement in Physics.
3. Opportunity to earn 100 points
4. Predictable paper.
5. Relatively short course. (Full ordinary course will be completed by Easter of 5th year. Full higher level course will be completed by Christmas of 6th year).

Relevant Careers: Sciences, Engineering, Architecture, Economics, Computer Programming, Astronomy, Mathematics, Actuary and many others.

Business subjects offered in Eureka

Business



```
graph LR; Accounting([Accounting]) --> Business([Business]);
```

Accounting

Business

- This subject deals with current realities of a fast-changing business environment. It requires constant attention to the business pages of the quality newspapers.
- It looks at how organisations are formed, financed and run.
- It also explores the services that support businesses such as insurance, banking, transport, as well as public service bodies.

Careers and Business

This subject is useful for careers in:

1. Business and Management
2. Banking
3. Finance
4. Insurance
5. Transport and Logistics
6. Marketing
7. Human Resources
8. Public Services

Accountancy

- Students who enjoyed the bookkeeping part of Junior Cert business should consider accounting.
- Analysis and interpretation of accounts is the core activity at Leaving Cert level.
- For students with strong numeracy and reasoning skills.

Careers and Accountancy

This subject is useful for careers in:

1. Accountancy
2. Taxation
3. Finance
4. Banking
5. Insurance
6. Actuary

Creative Subjects offered in Eureka

Music

- 50% Practical
- 50% Written

Art

- Art History Included
- Portfolio

Music

Course involves:

- Listening: Analysing songs/works – types of music
- Composing: Learn to read and write music
- Aural Skills
- Performing
- Performance is worth 25% or 50% of Exam. (choice of which)

Careers and Music

This subject is useful for careers in:

1. Performance
2. Education
3. Arts
4. Gaming
6. Film
7. Journalism

Art

- Three practical examinations carried out in May. These are; Life Sketching, Still Life or Imaginative or Abstract Composition, Design or Craftwork.
- All three examinations have papers to help with the preparation of ideas, research, design and materials.
- The art course also features a written examination on **History and Appreciation** of Art, which counts for **37.5%** of the marks in June.

Careers and Art

This subject is useful for careers in:

1. Art and Design
2. Engineering
3. Visual Culture
4. Media and Journalism
5. Education
6. Architecture
7. Gaming Design
8. Fashion
9. Marketing

Geography & History

Geography

- 20% Fieldwork
- 80% Written

History

- 20% Research
- 80% Written

Geography

- More of a continuation of the Junior Certificate Syllabus
- Three core topics – Physical, Regional and Field Work
- Field work is submitted by April of Leaving Certificate and is worth 20% of overall grade
- Student also study two more sections called options
- These include – Human or Economic Geography, Genecology, or Global interdependence
- Good subject if you like a practical hands on subject

Careers and Geography

- This subject is useful for careers in:
 1. Environmental Science
 2. General Science
 3. Geomatics
 4. Transport and Logistics
 5. Environmental Protection and Advocacy
 6. Education
 7. Media and Journalism
 8. Agricultural Science

History

- Subject includes special topic to be submitted in April of Leaving Certificate year worth 20% of overall grade
- Four other questions on Leaving Certificate Paper to be done, worth 20% each.
- One question on paper is based on the examination of documents
- Student needs to have some love for history in order to do the subject
- A fairly high standard of English is required for Higher Level.
- Will give rewards if students are prepared to work hard at the subject

Careers and History

This subject is useful for careers in:

1. History
2. Law
3. Anthropology
4. Politics
5. Education
6. Public Service
7. Journalism
8. Art

Social Subjects Offered in Eureka

Home
Economics

Religion

Politics
and
Society

Home Economics

- The syllabus consists of Core Areas and Three Electives:
- **The Core Areas**
 1. Food Studies - 45%
 2. Resource Management and Consumer Studies - 25%
 3. Social Studies - 10%
- **Electives**
 1. Home Design and Management - 20%
or
 2. Textiles, Fashion and Design - 20%
or
 3. Social Studies - 20%

Students opt for one Elective area only. Those choosing the Textiles, Fashion and Design elective must produce a garment which will be inspected and graded.

Careers and Home Economics

- This subject is useful for careers in:

1. Social Science
2. Social Work
3. Health Science
4. Occupational Therapy
5. Food Science
6. Nutrition and Dietetics
7. Health Promotion
8. Education

Religion

- The subject consists of one core obligatory section, 'The Search for Meaning and Values' and a choice of two other core sections from a list of three:
 1. Christianity: origins and contemporary expressions,
 2. World Religions, and
 3. Moral Decision Making.
- An exciting feature of this subject is the coursework element, which is like an extended essay on a topic supplied by the DES which accounts for 20% of the marks in the final exam. This means that in effect, students will have one fifth of the examination covered before they begin the Leaving Cert itself.

Careers and Religion

- **This subject is useful for careers in:**

1. Law
2. Education
3. Politics and Sociology
4. Conflict Resolution and Mediation
5. Global Relations
6. International Development
7. Chaplaincy
8. Pastoral Care

Politics and Society

The Politics & Society course consists of 4 main areas covered in topics

1. **Power and decision-making:**

- Topic 1 Power and decision-making in school
- Topic 2 Power and decision-making at national and European level

2. **Active citizenship:**

- Topic 3 Effectively contributing to communities
- Topic 4 Rights and responsibilities in communication with others

3. **Human rights and responsibilities:**

- Topic 5 Human rights and responsibilities in Ireland
- Topic 6 Human rights and responsibilities in Europe and the wider world

4. **Globalisation and localisation:**

- Topic 7 Globalisation and identity
- Topic 8 Sustainable development

Careers and Politics & Society

- **This subject is useful for careers in:**

1. Politics
2. Law
3. Sociology
4. Public Service
5. Journalism
6. Human Rights
7. Education

Practical Subjects In Eureka



DCG

Physical
Education

DCG-Design Communications and Graphics

- DCG is a new subject and has replaced the old Technical Drawing course. The subject develops students' cognitive and practical skills. These skills include graphic communication, creative problem solving, spatial abilities/visualisation, design capabilities, computer graphics and CAD modelling.
- The subject is examined in 2 sections;
 1. **60% terminal written paper**
 2. **40% CAD assignment/project**
-
- The geometrical and technical strands of the subject provide students with a vital link between the academic and the technical subjects. The main emphasis will be on Projection Systems, Plane & Solid Geometry, Dynamic Mechanisms, Structural Forms, Geologic Geometry, Surface Geometry & Assemblies.

DCG and Careers

The course assignment will relate to a theme identified by the examining authority. It will be mainly a computer assignment but will also require the students to display their freehand sketching and design skills.

This subject will develop the students' general education and prepare them for careers in

- Architecture
- Engineering
- Draughtsman
- Graphic Design
- Product Design
- All Trades

Physical Education

The objectives of Leaving Certificate Physical Education are to develop the learner's

- Performance in physical activity
- Ability to reflect on performance in physical activity
- Knowledge and understanding of the factors which influence performance and participation in physical activity
- Appreciation of the benefits of physical activity for lifelong health and wellbeing
- Capacity to undertake different roles in physical activities
- Understanding of the principles underlying ethical participation in physical activity
- Understanding of the role of physical activity and sport in the social and cultural life of Ireland

Assessment Component	Weighting	Level
Physical Activity Project	20%	Higher & Ordinary
Performance Assessment	30%	Higher & Ordinary
Written Examination	50%	Common Level

Careers and Physical Education

Teacher

Physiotherapy

Occupational Therapy

Nursing

Health Promotion

Fitness Instructor

Athlete

LCVP

- Grades for the Link Modules are awarded as follows:
Distinction (80 - 100%) Points awarded: 66
Merit (65 - 79%) Points awarded: 46
Pass (50 - 64%) Points awarded: 28

The Link Modules

Students taking the Leaving Certificate Examination will follow two Link Modules over the course of the two years.

Link Module I - Preparation for the World of Work

Students will research and investigate local employment opportunities, develop job seeking skills such as letter writing, CV presentation, interview techniques; gain valuable practical experience of the world of work; interview and work shadow a person in a career area that interests them.

Link Module II - Enterprise Education

Students will be involved in organising visits to local business and community enterprises; meet and interview enterprising people on site and in the classroom; plan and undertake interesting activities that will build self-confidence, creativity, initiative and develop teamwork, communication and computer skills.

Vocational Subject Groupings (VSGs) 2021/2022

Specialist Groupings

- 1 Construction Studies; Engineering; Design and Communication Graphics; Technology - **Any Two**
- 2 Physics **and** Construction Studies **or** Engineering **or** Technology **or** Design & Communication Graphics
- 3 Agricultural Science **and** Construction Studies **or** Engineering **or** Technology **or** Design & Communication Graphics
- 4 Agricultural Science **and** Chemistry **or** Physics **or** Physics/Chemistry
- 5 Home Economics; Agricultural Science; Biology - **Any Two**
- 6 Home Economics **and** Art - Design Option **or** Craft Option
- 7 Accounting; Business; Economics - **Any two**
- 8 Physics **and** Chemistry
- 9 Biology **and** Chemistry **or** Physics **or** Physics/Chemistry
- 10 Biology **and** Agricultural Science
- 11 Art - Design Option or Craft Option **and** Design & Communication Graphics

Considerations

Subjects That
you are
Good At

Subjects You
Most Enjoy

Subjects You
Need at
Third Level

Aptitude and
Interest Tests

Guidance
Counsellor

Useful Resources

- https://careersportal.ie/school/subject_explorer.php
- <https://www.studyclix.ie/subjects>

Resources



www.Qualifax.ie



www.careersportal.ie



www.studyclix.ie



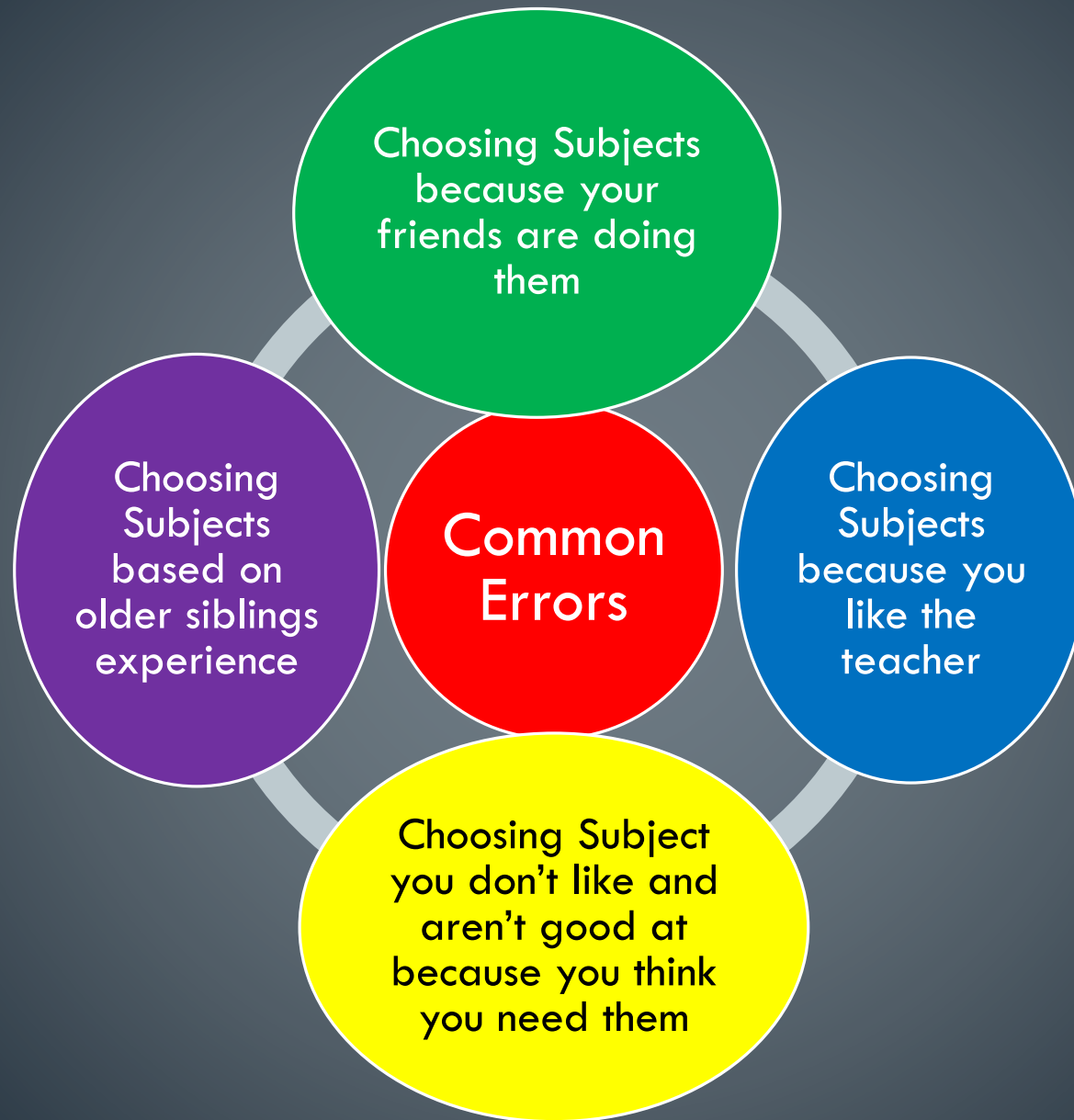
Aptitude Results



Interest Inventories



Subject content on www.ncca.ie



Thank You
Ms.Flanagan



[www.eurekasecondaryschool](http://www.eurekasecondaryschool.ie)
[.ie](http://www.eurekasecondaryschool.ie)