St Munchin's College

Subject Choice Booklet 2017

Subject Choice

Contents

Introduction

- This subject choice booklet aims to outline the options available to students. It is recommended that parents, guardians and students work through the ***subject choice worksheet*** before filling out ***the subject choice form***.

- The Leaving Certificate time table is constructed around the choices of the students and every effort is made to facilitate all.

- Students taking the Leaving Certificate study subjects at Foundation Level (maths and Irish), Ordinary or Higher Level. Foundation Level is geared to the needs of students who have difficulty with Maths and Irish at ordinary Level. Usually students study seven subjects of which Irish (unless exempted), English and Maths are compulsory.

- Four other subjects can be chosen

A further option, LCVP, may be added .This is dependant on the combination of subjects chosen.

- French
- German
- Accounting
- Business
- Economics
- Physics
- Chemistry
- Biology
- Applied Maths
- Design and Communication Graphics
- Art
- History
- Geography
- Technology

Frequently Asked Questions

How many subjects should I take for my Leaving Certificate?
In most schools, students are offered the option of studying seven subjects. Students taking certain combinations of subjects are eligible to take LCVP as an extra subject. In the CAO system your highest six grades will be used to calculate your points for entry purposes to all third level institutions in Ireland.
LCVP can be included as one of the six for points purposes.

Can I take more than 7 subjects?
Yes, but taking extra Leaving Certificate subjects can be a major undertaking. If the subjects are being taken outside school you will have to factor in the time involved in travelling to and from grinds. All this detracts from the time available to work on the seven subjects being taken in school.

What happens if I don't take Honours Irish?
Apart from not being able to take a number of degree programmes which have Higher Level Irish as an entry requirement, the main consequence is that you are precluded from studying to be a primary school teacher in any of the Irish teacher training colleges.

What happens if I do not take a third language?
The colleges of the National University of Ireland demand a pass in a third language for almost all their courses. These colleges are UCD, UCC, UCG and NUI Maynooth. Maynooth has dropped the third language requirement for Engineering programmes. UCD and UCC have also dropped this requirement for Engineering, Agricultural and Science programmes. Trinity College accepts Irish as fulfilling their second language requirement. UL and DCU plus all Institutes of Technology do not require a third language.

What happens if I do not take Honours Maths?
There are a wide range of Level 8 degree programmes from which you will be precluded if you do not achieve a minimum of a D3 or in many cases a C3 in higher level maths. These would include many Engineering Computer, Science and IT programmes and most degrees that have Maths as a core subject. However a career in such areas need not be ruled out. There are many Level 6 and 7 courses that require Ordinary Level maths that lead on to Higher Degrees and to careers in Engineering, Computers, Science & IT.

What combinations of subjects should you aim for?
You should attempt to select a balanced range of subjects, which will leave your career choice options open, for as long as possible. Most students take Irish (unless exempted), English and Maths. A large majority of students study a continental language. Those students coming originally from outside the EU study a native language if allowed to do so by the State Examination Commission. You should spread your choices across the entire spectrum of Business, Scientific, Social/Artistic/Practical subjects. Be mindful of the results of previous examinations.

Good Reasons / Bad Reasons

10 Good Reasons to choose an option

1. **You like it or find it interesting**
2. **You're good at it**
3. **You need it or it's useful for your future career**
4. **You can develop new skills by doing it**
5. **You think you will do well in it**
6. **It will give you satisfaction**
7. **Your teachers think it is a suitable choice for you**
8. **It will combine well with other options and help your general education**
9. **You like the method of assessment and learning**
10. **It's something you would like to become good at.**

Good choices are balanced choices

10 Bad Reasons to choose an option

1. **Your friends are doing it**
2. **You think you should do it – even if you don't want to**
3. **Your parents think it's a good idea – but you don't**
4. **You know someone who's done it and they say it's great**
5. **It's thought of as an option by most people**
6. **You can't think of anything else to choose**
7. **You think it will be easy**
8. **It sounds good even though you haven't found out about it**
9. **You really like the teacher you've got now**
10. **You think it will impress people now or later on**

Bad choices are unbalanced choices

Making your choice

If you're not sure what career or course area you want to follow in the future (and most Junior Cert./TY students don't at this stage) then it's best to pick a wide range of subjects which will keep most future options open.

For example, you might decide to choose: One Science subject, One Modern Language, One Business subject and one other subject which you like or need. If you particularly like Science or Business you might decide to do two Science or Business subjects instead. If you have consistently failed/disliked a particular subject at Ordinary Level maybe its time to consider discontinuing studying that particular subject.
When choosing your subjects it is very important to ask the following key questions. In attempting to answer these questions you have begun choosing the most suitable subjects for you.

1. What Leaving Certificate subjects are available?
2. What subjects have I an interest in and would like to study?
3. What subjects am I relatively good at?
4. Are some subjects essential for a particular 3rd level course?
5. If not essential, would some subjects be useful for a prospective course?

It is important that you look carefully at the above questions when choosing your subjects. If you slowly make your way through each of them and answer them as best you can then you are well on your way to successfully choosing your Leaving Cert. subjects.
Remember a wise choice keeps future options open
Sit down at home and complete the worksheet with your parent(s)/guardian

****Complete the Subject Choice For on VSware.***

Option Subjects… In Brief

French/German:
A good grasp of a language is important nowadays. You will have noticed the increase in courses such as business that have a modern language as part of the course. So the message is that if you are good at languages then you should include one in your choices. You need it as a basic entry requirement for nearly all courses at NUI Colleges.You also need it if you are interested in the Cadets.

In many Colleges you do not require a language if it is not an essential part of the course you wish to study.

BUSINESS STUDIES GROUP

ACCOUNTING:
The subject bookkeeping gives some idea of what this subject entails. But, of course it goes much deeper than keeping records, leading on as it does to how to analyse and interpret such figures. Some students find bookkeeping boring, so if it did not enthuse you up to now think carefully before putting Accounting on your list of choices. If you like working with figures then Accounting could be for you.
Accounting is an excellent preparation for any business related occupation or third level business course. It is essential if you want to do Accounting at NUIG

BUSINESS:
Given the rapidly changing world of business, this subject deals with current day-to-day reality of Business itself. It is a very interesting subject, but 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 business such as insurance, banking, marketing and public service bodies such as the IDA, Failte Ireland etc.
Even if you never decide to run a business many of these topics will prove very useful in later life. A good business student will follow business news, in the newspapers on the TV and Internet.

ECONOMICS:
Hardly a day goes by without some economic news being discussed in the media. With such topics as inflation and the rate of exchange of the Euro, economic topics are never far from our minds. Economics is a broad subject that deals with how companies operate successfully, international trade and how the EU exercise control of the economy. To do well in this subject you need to have an interest in economic matters and to be interested enough to follow discussions on programmes such as Prime Time or Budget specials.

SOCIAL ARTISTIC

HISTORY:
Many students are fascinated by history but some are wary about taking it to Leaving Certificate level because of the amount of reading involved. There is a great challenge involved in studying history, as it is not a case of learning off dates and who won the various wars, but a chance to identify some of the issues involved and to form an opinion as to how these issues led to conflict.
Even though history is not essential for entry to any third-level course, nonetheless, the study of history contributes, enormously to one's all-round education.

GEOGRAPHY:
You will have already studied it to Junior Certificate level. The syllabus at Leaving Certificate level gives a very broad view of areas such as our physical environment, the population of the world, and the way industry and other sources of employment contribute to economic growth. Topics such as pollution are very relevant to today's world.
Although Geography is not essential for entry to third-level courses, in Trinity College it is accepted as one of the Higher C grades for entry to both Science and Pharmacy.

ART (Including Crafts):
This is not the type of subject that one suddenly develops an expertise and interest in just when the time for subject choice comes round. Art is a subject that demands creativity and an appreciation of works of art. Although art is not specified as an entry requirement for all Colleges of Art, a portfolio of work is an essential element of the application procedure. So much so that many students take a year out to do a portfolio preparation course in order to enhance their chances of getting a place in Art College.

Some Courses that require Art for the Leaving Cert include Graphic Design in Letterkenny IT, National Certificate in Print Media Communications in Cork IT, Visual Arts in Waterford IT - OB3 or HC3. For Leaving Cert Art you will have to do a lot of work on the History and Appreciation of Art along with design.

SCIENCE GROUP

Physics, Chemistry, Biology, Agricultural Science

In selecting your subjects, consideration should be given to choosing at least one science subject. It is easier to select a science subject if your experience with science up to now has been a happy one. Since there are a number of science subjects on offer it is essential to get advice and to do your own research by talking to subject teachers and students already taking a science subject.

To start with there are a number of courses for which you need a science subject. If you are interested in one of these courses then you must choose a science subject - in some cases the subject is specified. E.g. Medicine in UCC specifies chemistry plus another Science, Physics in Trinity specifies Physics, Medicine and Pharmacy will require two Sciences in a variety of Universities. The list of courses that require a science subject includes: engineering, medical courses and courses that specify a laboratory science

subject. All paramedical courses such as medical laboratory science, pharmacy, physiotherapy, radiography, human nutrition, and dietician require a science subject.

You may pursue a course in engineering, science or electronics at an Institute of Technology without a science subject. But it has to be said that you will be at a disadvantage without a science subject at Leaving Certificate level.

The next question you must research is which of the science courses is best suited to the course you have in mind. If a career in medicine or nursing is high on your list you should think in terms of Biology and Chemistry. Two science subjects are required for Medicine and Dentistry in Trinity College, Dublin.

If you are interested in engineering then Physics and Chemistry should both be considered. If you are interested in any of the very attractive careers in the Food Industry then Biology and Chemistry should be considered.

PHYSICS:
Physics seeks to provide answers to all sorts of fascinating questions about the world around us. When answers are found physicists use them to develop new technologies or make other advances which improve life. Physics is more mathematically based, so if you are not very good at mathematics maybe physics is not for you. Physics describes the laws and forces governing natural phenomena. It is of key importance too in technology and particularly relevant for most branches of Engineering. Most Engineering courses have high physics content while some paramedical courses involve its study e.g. Radiography, Physiotherapy etc. It is an essential requirement for Theoretical Physics (TCD).

CHEMISTRY:
Students taking Chemistry, have to learn off the chemical components of a series of prescribed experiments. They will be required to present the elements of four such experiments in their examination. Again, students studying chemistry, develop an understanding of key elements of the world we live in, as well as everything we use, wear or consume. The result is that the career opportunities offered by a qualification in Chemistry are both many and varied.

Requirement: Human Nutrition and Biomedical Science DIT (HL Chemistry) Medicine UCC (HL) plus HL in Physics Biology, Veterinary Science UCD, HL Chemistry.

BIOLOGY:
As Biology may be defined as the science of life and living things. It forms a knowledge base for hundreds of careers, for example oceanography, ecology and biotechnology. It is advisable to take if considering Nursing. There are 22 mandatory experiments which are examined in the terminal exam only. Students must maintain a written report of all experiments. These reports must be available for inspection at all times. Students should have a genuine interest in Science and how things work.

APPLIED MATHS
There is no Applied Maths at Junior Cert Level it is a subject for Leaving Cert only. Applied Maths is a subject in which students put their Maths in to action. They learn to solve problems mostly from the world of Physics using Maths as a means. This is a great subject for those who plan to study pure Maths in college and for those students who have enjoyed Maths and Physics up to now. It is great preparation for studying maths at University.

Design and Communication Graphics:
If you are interested in taking this subject to Leaving Certificate level you will have taken Tech Graphics to Junior Certificate level. There is a great emphasis in the Leaving Certificate course on comprehension, analysis and problem solving. In simple terms you must be able to understand what has to be done, analyse how you are going to approach it and then proceed to solve the problem. Although it is not an essential subject for either architecture or engineering it is regarded as a useful asset if you are thinking of a technical course. This course now has a project aspect.

Technology
If you are interested in problem solving then Technology is a subject you could consider. Technology concerns itself with using a design process to solve technological problems. Throughout you will be using the design process to arrive at solutions.The solution will invariably involve the production of a finished product or artefact. You will learn how to safely use materials in order to transform materials into product.

LCVP

In order to do LCVP a student must take two Science or two Business subjects or any of the combinations listed below.

Vocational Subject Groupings (V.S.G's)
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
Services Groupings
12 Engineering **or** Technology **or** Construction Studies **or** Design & Communication Graphics **and** Accounting **or** Business **or** Economics 13 Home Economics **and** Accounting **or** Business **or** Economics 14 Agricultural Science **and** Accounting **or** Business **or** Economics 15 Art Design or Craftwork Option **and** Accounting **or** Business **or** Economics 16 Music **and** Accounting **or** Business **or** Economics

Option Subjects….More Detail

Applied Mathematics

Content

The entire course content is given below. Those parts given in italics are for Higher level only. The Higher level course includes the Ordinary level course treated in greater depth.

- Motion: displacement, velocity, relative velocity
- Newton's laws of motion; acceleration
- Straight line motion; inclined plane; connected particles
- Equilibrium under concurrent forces
- Centre of gravity
- Pressure in liquids; Archimedes' principle
- Projectiles; projectiles on inclined plane
- Angular velocity; uniform circular motion
- Conservation of momentum; direct collisions; oblique collisions
- Simple harmonic motion
- Rigid body motion; moments of inertia; angular momentum
- Differential equations

French

Subject Overview

There is a common syllabus framework for the teaching and examining of modern languages in the Leaving Certificate. Syllabus content draws on and develops many aspects of the aims, objectives and content of languages at junior cycle.

Content

The three broad components of the syllabus are:

- Basic Communicative Proficiency
- Language Awareness
- Cultural Awareness

An integrated approach to these components is recommended.

- ***Basic Communicative Proficiency*** builds on the repertory of communicative targets established by the Junior Certificate programme. The communicative skills acquired in the junior cycle will be maintained and continually reactivated during the senior cycle.

The objectives specified in this section relate to:

- practical challenges that might be faced by the learner when operating in the target language community for example
- meeting and getting to know people and maintaining social relations
- coping with travel and transport
- buying goods and services
- dealing with emergencies
- activities and discussion that are likely to take place through the target language in the classroom for example
- understanding, seeking and giving information about climate and weather
- understanding, expressing feelings and emotions
- engaging in discussion
- passing on messages

Assessment

Assessment is by means of a written examination at two levels, Ordinary level and Higher level. There is also an aural and an oral examination at both levels.

German

Subject Overview

There is a common syllabus framework for the teaching and examining of modern languages in the Leaving Certificate. Syllabus content draws on and develops many aspects of the aims, objectives and content of languages at junior cycle.

Content

The three broad components of the syllabus are:

- Basic Communicative Proficiency
- Language Awareness
- Cultural Awareness

The programme develops the four communicative skills

1. Listening
2. Speaking
3. Reading
4. Writing

After the Leaving Certificate the pupils should be able to communicate simply in a German speaking environment

Assessment

Assessment is by means of a written examination at two levels, Ordinary level and Higher level. There is also a Listening and an speaking examination at both levels.

Accounting

Content

The course is divided into eleven main sections:

1. The Conceptual framework of Accounting
2. The Regulatory Framework of Accounting (Higher Level only)
3. Accounting Records
    1. Double-entry bookkeeping
    2. Bank reconciliation statement
    3. Control Accounts
    4. Suspense Accounts
4. Sole Traders
5. Company Accounting
    1. Share Capital, Reserves and Loan Capital
    2. Financial Statements of Limited Companies
    3. Appreciation of Annual Reports of Public Limited Companies (Higher Level only)
6. Specialised Accounts
    1. Manufacturing Accounts
    2. Stock
    3. Club Accounts and the Accounts of Service firms
    4. Departmental Accounts
    5. Farm Accounts
7. Incomplete Records
8. Cash Flow Statements
9. Analysis and Interpretation of Financial Statements
10. Management Accounting
11. Information Technology and Computer Applications in Accounting

Assessment

The syllabus is assessed by means of an examination paper at two levels, Ordinary and Higher.

Business

Subject Overview

This is a practical and vocationally-oriented course that introduces students to the world of Business in a straightforward and logical way. It aims to create an awareness of the importance of Business activity and to develop a positive and ethical attitude towards it.

Content

Unit 1

- People in Business
- Conflicting interests.

Unit 2

- Enterprise

Unit 3

- Management
- Communications

Unit 4

- Household and Business Finance, Insurance, Taxation.
- Human Resource Management
- The Changing Role of Management
- Monitoring a Business including ratio analysis.

Unit 5

- Identifying Opportunities
- Marketing
- Starting up
- Expansion

Unit 6

- Business Sectors
- Structure of Business
- Community Development
- Business, Government and Workers
- Social and Ethical Responsibilities of Business

Unit 7

- The International Trading Environment
- The European Union
- International Business

Assessment

Assessment is by examination paper at two levels, Ordinary level and Higher level.

Economics

Subject Overview

Economics is a way of thinking about how people make decisions and interact with each other. As such it is one of the cognitive and social sciences, such as psychology, sociology and philosophy.

Content

The syllabus for Leaving Certificate Economics offers students a broad introduction to economics. It introduces students to the nature of economics and to basic economic concepts. Following this introduction, the units of study undertaken are

- Production and consumption
- Economic systems and economic thought
- Demand and supply
- Price and output
- Factor incomes
- Determination of national income and its fluctuations
- Money and banking
- The Government in the economy
- Inflation
- International trade and payments
- Terms of trade
- Economics of population
- Economic growth and development
- Economic policies, problems and conflicts

Assessment

The syllabus is assessed by means of a terminal examination paper at two levels, Ordinary level and Higher level in ascending order of difficulty.

Physics

Subject Overview

This subject aims to give students an understanding of the fundamental principles of physics and their application to everyday life.

Content

Subject content is presented at Ordinary level and Higher level under the headings:

- Mechanics
- Temperature
- Heat
- Waves
- Vibrations and Sound
- Light
- Electricity
- Modern Physics
  Option 1: Particle Physics (HL only)
  Option 2: Applied Electricity (HL only)

At Higher level, there is a deeper, more quantitative treatment of physics.

Students follow a course of practical work, with prescribed experiments in each of the main sections of the syllabus. Students are required to keep a record of this work.

Assessment

Leaving Certificate Physics is assessed by means of a terminal examination paper at each level. Students are required to keep a record of their practical work over the two years of the course.

Chemistry

Subject Overview

The subject aims to provide a relevant course for students who will complete their study of chemistry at this level while, at the same time, providing a foundation course for those who will continue to study chemistry or related subjects following completion of their Leaving Certificate. The syllabus consists of approximately 70% pure chemistry; the remaining 30% deals with the social and applied aspects of chemistry.

Content

Subject content is presented at Ordinary level and Higher level under the headings:

1. Periodic Table and Atomic Structure
2. Chemical Bonding
3. Stoichiometry, Formulas and Equations
4. Volumetric Analysis
5. Fuels and Heats of Reaction
6. Rates of Reaction
7. Organic Chemistry
8. Chemical Equilibrium
9. Environmental Chemistry: Water
   Option 1
   1A: Additional Industrial Chemistry
   1B: Atmospheric Chemistry
   Option 2
   2A: Materials
   2B: Additional Electrochemistry and the Extraction of Metals

Mandatory experiments are listed at the end of each main syllabus section.

Assessment

Leaving Certificate Chemistry is assessed by means of a terminal examination paper at each level. Students are required to keep a record of their practical work over the two years of the course.

Biology

Subject Overview

Biology is the study of life. Through the study of biology students employ the processes of science to explore the diversity of life and the inter-relationships between organisms and their environment.

Content

Subject content is presented at Ordinary level and Higher level in units and sub-units:

1. Biology - The Study of Life
   1.1. The Scientific method
   1.2. The Characteristics of Life
   1.3. Nutrition
   1.4. General Principles of Ecology
   1.5. A Study of an Ecosystem
2. The Cell
   2.1. Cell Structure
   2.2. Cell Metabolism
   2.3. Cell Continuity
   2.4. Cell Diversity
   2.5. Genetics
3. The Organism
   3.1. Diversity of Organisms
   3.2. Organisation of the Vascular Structures
   3.3. Transport and Nutrition
   3.4. Breathing System and Excretion
   3.5. Responses to Stimuli
   3.6. Reproduction and Growth

Assessment

Leaving Certificate Biology is assessed by means of a terminal examination paper at each level. Students are required to keep a record of their practical work over the two years of the course.

Design and Communication Graphics

Subject Overview

Design and Communication Graphics provides students with the opportunity for visualizing and comprehending information presented verbally or graphically. Problem solving and creative thinking skills are developed through the analysis and solution of both 2- and 3-dimensional graphics. Graphics and design are communicated using freehand sketching skills, traditional draughting equipment and CAD.
Content

Content

The content is presented as a core plus options. All elements of the core must be covered whilst only two of the options must be covered.

Core: (A) Plane and Descriptive Geometry

Core: (B) Communication of Design and Computer Graphics

Options: (explained by DCG teacher)

Assessment

Leaving Certificate Design and Communication Graphics is assessed at two levels, Ordinary and Higher. At each level, assessment is by means of one 3 hour terminal examination and the production of a student assignment related to a theme or topic requiring investigation and decision making.

Art

Subject Overview

The Leaving Certificate Art syllabus is a broadly based course, which is made up of four units. These units should be linked together and based on the everyday visual experience of the student's own environment.

Content

All students, both Ordinary and Higher level, follow a common course. The practical work can include Life Sketching, Still Life, Imaginative Composition, Design and Craftwork.

The History of Art and Appreciation is a broad course covering Irish and European Art, and also Art Appreciation. It requires looking at artworks through the use of reproductions, slides and art galleries, reading books and writing essays on different subjects.

Assessment

It is assessed at two levels, Ordinary Level and Higher level

The standard and quality of work determine the difference in levels. The modes of assessment include:

- Three practical examinations carried out in May. These are;
    - Life Sketching
    - Still Life or Imaginative or Abstract Composition
    - Design or Craftwork

History

Subject Overview

History deals with the experience of human life in the past. The study of history involves an investigation of the surviving evidence relating to such experience

Content

The syllabus framework comprises two interlinking parts as follows:

I. Working with evidence
II. Topics for study

I. **Working with evidence: (a) Introduction - history and the historian (b) The documents-based study (c) The research study**
II. **Topics for study**: Students study a topic that has been prescribed for the documents-study and three other topics. Two of the topics studied relate to Irish history and two to the history of Europe and the wider world. The topics are arranged in two discrete fields of study: Early Modern, 1492-1815; Later Modern, 1815-1993. Within each field of study, there are six topics from Irish history and six from the history of Europe and the wider world.

Assessment

Leaving Certificate History is assessed at two levels - Ordinary level and Higher level. There are two assessment components:

A research study report (submitted prior to the examination) 20%
An examination paper 80%

Geography

Subject Overview

Geography is concerned with the study of people and their environment. The subject will help students develop an understanding of the changing relationships between the physical and human worlds. Through their study of geography, students will develop geographical skills that will help them to make informed judgements about issues at local, national and international levels.

Content

Leaving Certificate geography may be studied at Ordinary or Higher level. The course is divided into core, elective and optional units of study. Students are expected to develop important geographical skills as they study these units.

Core Units
1. Patterns and processes in the physical environment
2. Regional geography
3. The Geographical Investigation and skills unit

Elective Units
4. Patterns and processes in economic activities
5. Patterns and processes in the human environment

Optional Units
6. Global interdependence
7. Geoecology
8. Culture and identity
9. The atmosphere-ocean environment

Ordinary level students study all core units and one of the elective units. Higher level students study all core units, one of the elective units and one of the optional units.

Assessment

Leaving Certificate Geography is assessed at Ordinary and Higher level . There are two assessment components:

- Examination paper 80%
- Report on a Geographical Investigation 20%

Technology

Technology is mainly about using a design process to solve technological problems .In Technology, you will use the design process to work through a task or problem in order to arrive at a solution, which is usually in the form of an artefact or finished product. You will learn how to safely use the tools, materials and equipment necessary to make this product.

The general aims of technology education are

· To contribute to a balanced education, giving students a broad and challenging experience that will enable them to acquire a body of knowledge, understanding, cognitive and manipulative skills and competencies and so prepare them to be creative participants in a technological world

· To enable students to integrate such knowledge and skills, together with qualities of co-operative enquiry and reflective thought, in developing solutions to technological problems, with due regard for issues of health and safety

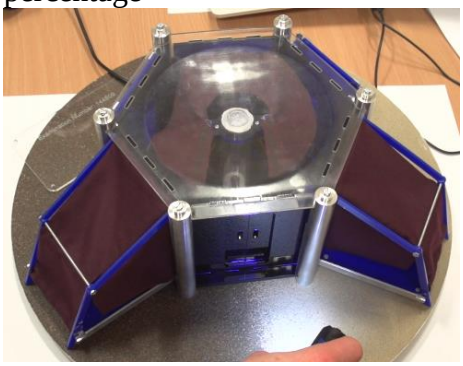
· To facilitate the development of a range of communication skills, which will encourage students to express their creativity in a practical and imaginative way, using a variety of forms: words, graphics, models, etc.

· To provide a context in which students can explore and appreciate the impact of past, present and future technologies on the economy, on society and the on the environment.

Assessment

• Coursework - you will design and make a project based on a given design brief (instructions).This is worth 50% if you take Higher level and 60% if you take Ordinary level.

• written exam - you will also complete a written exam which is worth the remaining percentage



Third level courses that benefit from doing Technology

Engineering- Mechancial, Electricial, Civil,
Computer Progamming
Manufacturing courses

SUBJECT CHOICE

Parent/Guardian Worksheet

Leaving Certificate Subjects	
Irish	**Subjects at which I get my best results**
English	
Maths	
Applied Maths	
Chemistry	
Physics	
Biology	
Economics	
Accounting	**Compulsory Subjects**
Business	Maths
Music	English
Art	Irish
Design Communication Graphics	Exemption from Irish☐
History	
Geography	
Technology	
LCVP	
French	
German	
My favourite subjects ***(excluding Maths, English, Irish)***	**My Subject Choice from the options listed in order of preference**