The Junior Cycle Programme FIRST YEAR SUBJECT OPTIONS



BUSINESS STUDIES CODING AND DIGITAL LITERACY ENGINEERING GRAPHICS HOME ECONOMICS MATERIAL TECHNOLOGY WOOD MUSIC VISUAL ARTS

what feels like the End is after the Beginning 66 "A handful of skill is better than a bagful of gold." Take the first "Is fearr lán doirn de cheird step in faith You don't have ná lán mála d'ór." to see the whole staircase Just take the OLD IRISH first step. SAYING

Dear Students, Parents/Guardians

The information in this Subject Options Booklet has been compiled by the Deele College Guidance Counselling Department.

We hope that it will be a helpful guide for you..

All 1st students will study the following subjects:

Irish (unless they are exempt), English, Mathematics, History, Geography, Science, Spanish, Physical Education, Wellbeing, Religious Education, S.P.H.E. (Social, Personal and Health Education) and C.S.P.E. (Civic, Social and Political Education).

In addition, each 1st year student will study 3 subjects from the list below

Visual Art, Coding and Digital Literacy, Home Economics, Materials Technology Wood, Engineering, Graphics, Music and Business Studies.



(In order to make informed choices which will enrich the learning experience, students will get a chance to sample these option subjects at the Deele College Open Day and the Deele College Transfer Programme)





» The new junior cycle will place the student at the centre of the learning process. It allows for new ways of learning and a broader range of skills to be properly assessed.

Principles, Key Skills and Statements of Learning

- » Underpinning the new junior cycle are key skills and statements of learning. These will ensure that your child receives a rich educational experience. Your child will have access to a varied curriculum of knowledge, skills and values.
- » Eight principles underpin the framework for Junior Cycle. The eight principles of the Junior Cycle are: Learning to Learn, Choice and Flexibility, Quality, Creativity and Innovation, Engagement and Participation, Continuity and Development, Inclusive Education and Wellbeing.

You have a choice of taking subjects at Higher or Ordinary Level. With the exception of Maths and Irish Which have a foundation level also.



Useful websites

www.Qualifax.ie (look up course content etc.) www.careersportal.ie (big link into Careers etc.) www.skillsireland.ie (where will some of the jobs be in the future) www.studyclicks.ie (a revision site for the Junior Cert.) www.examinations.ie (access to past Junior Cert. marking schemes)









Encourages students to develop an appreciation of how their lives are shaped by economic & social factors.

Business students participate in a wide range of activities: Afternoon Tea, Tayto Park, Christmas Craft Fair, Mini Company etc. At Junior Cycle, Business Studies is studied through 3 strands, Personal Finance, Enterprise and Our Economy.









Students are enabled to make informed decisions, to better manage their personal financial resources, to be adaptable, creative & enterprising. At Senior Cycle, Business is offered in 3 subjects, Business, Accounting and Economics.

















This short course focuses on developing student's problem-solving skills through three inter-connected strands: Computer Science Introduction, Lets Get Connected and Coding at the next level.

EXPLORE YOUR OWN DIGITAL WORLD!







say Hello, world







This short course supports a wide variety of assessment approaches. Over the course of 3 years, students will provide evidence of their learning and reflections. Students will complete a CBA in 3rd year after completing all 3 strands. There is no final examination for this course and reporting is via the Junior Cycle Profile of Achievement. Upon completion, Leaving Certificate Computer Science is a possible follow on subject in Senior Cycle.

EXPLORE COMPUTER HARDWARE AND SOFTWARE AND LEARN HOW TO BUILD YOUR OWN COMPUTER!



LEARN HOW COMPUTERS STORE DATA AND EXPLORE THE BASIC CONCEPTS UNDERLYING THE INTERNET



EXPLORE CODING USING BBC MICRO:BIT AND RASPBERRY PI









ENGINEERING





Engineering encourages students to take an active, collaborative and goal orientated approach to problem solving.

Engineering takes a reflective, systematic approach to design and design modification for the purpose of manufacturing an improved solution.

Manufacturing tasks place emphasis on precision and high-quality finish. Engineering fosters an engineering mindset in all students.

A Student's Learning Journey

1st Year

Students develop knowledge, understanding, values and skills through engagement with learning outcomes

Learning supported by formative assessment

2nd Year

Students develop knowledge, understanding, values and skills through engagement with learning outcomes

Learning supported by formative assessment

Classroom-Based Assessment 1 Engineering in Action

Teachers engage in a Subject learning and Assessment Review meeting

3rd Year

Students develop knowledge, understanding, values and skills through engagement with learning outcomes

Learning supported by formative assessment

Classroom-Based Assessment 2 Research and Development

Teachers engage in a Subject Learning and Assessment Review meeting

SEC Examination Project – 70% Written Examination – 30%

Junior Cycle Profile of Achievement (JCPA)



The specification focuses on developing students' understanding of and skills in, the application and impact of technologies in the world around them. This will be achieved through three inter-connected strands: Processes and principles, Design application and Mechatronics.



Throughout each of the strands, there are four elements: Engineering knowledge and awareness, Developing and manufacturing, Innovation and exploration, and Communicating to create a quality learning framework for student learning.









The study of Graphics at junior cycle aims to:

- Develop the student's creative imagination through developing their visual spatial abilities.
- Instill an appreciation of the role of graphics in the world around us.
- Encourage the development of cognitive and practical dexterity skills associated with graphical communication.
- Encourage the production of drawings that represent the student's best work.
- Equip all students to make judgements on the best mode through which to represent their ideas and solutions.





Continuation at Senior Cycle:

The study of Graphics at junior cycle develops the underlying language of the technology subjects which would enhance the learning for a student who wishes to continue their studies in the suite of technology subjects in both the Leaving Certificate and Leaving Certificate Applied programmes.

More specifically, the subject Graphics has a strong relationship with the suite of technology subjects on offer in Deele College including: Wood Technology/ Construction studies, Engineering and Design and Communication Graphics.

The learning out-comes to be achieved in the graphics specification provide a foundation of the knowledge required for the study of Design and communication Graphics.





Junior Cycle Home Economics develops the knowledge, understanding, skills and values necessary to achieve optimal, healthy and sustainable living for every person as an individual, and as a member of families and society.

It is studied through three interconnected strands: Food, Health and Culinary Skills; Responsible Family Living; and, Textiles and Craft.





The Junior Cycle Home Economics Specification is designed for a minimum of 200 hours across the three years of Junior Cycle and is offered at a common level.

The specification uses an interdisciplinary approach which encourages the integration of three strands in the teaching and learning and

The three inter-connected strands are:

- 1. Food, health and culinary skills
- 2. Responsible family living
- 3. Textiles and craft

The course consists of 2 CBA's, a Practical Cookery Exa a Final Exam (50%).











STUDENT LEARNING ENHANCED BY ;-

- monthly assessment
- summative and formative assessment
- nurturing and caring learning environment

EXAM STRUCTURE

- 3rd year state exam paper = 30%
- woodwork project & portfolio = 70%
- creates a natural path to Construction studies for the Leaving Cert











1ST YEAR - STUDENTS DEVELOP THEIR SKILLS IN MUSIC

They investigate topics that develop their skills of information sharing, creativity, reflective learning, literacy, numeracy, collaboration, communication and wellbeing.

2ND YEAR - CBA 1 - COMPOSITION PORTFOLIO

This will comprise of 2 compositions completed during a three-week window during second year.

3RD YEAR - CBA 2 - PROGRAMME NOTE

The Programme note gives students a chance to write about pieces of music they have learned and talk about the composer and the style.

STATE EXAMS

Practical Examination 30% takes place during 3rd Year
Student's will perform 3 pieces for this exam.
They can sing or play an instrument.
They can also combine their talents to play on up to 3 instruments.

- WRITTEN EXAMINATION 70% AT THE END OF 3RD YEAR.

A Sample examination paper is due to come out in 2020 for the 2021 exam in Junior Cycle Music.









SUBJECT CONTENT:

Students aim to develop knowledge, understanding and skills in Visual Art. Throughout 1st and 2nd year pupils explore the strands Art, Craft and Design through sketchbook work and projects.

Areas covered include lino printing, sculpture, mask-making, ceramics, typography design, portraiture, calligraphy and poster design.

There is a focus on developing drawing skills, exploring and experimenting with the art elements and design development throughout these project.

ASSESSMENT:

All assessment work for Junior Certificate is project based and carried out during class time, there is no exam.



2ND YEAR CBA 1

Students must explore and develop their ideas on a chosen theme through sketchbook work.

The realised piece of work is then submitted along with their sketchbook work.

2ND YEAR CBA 2- SEPTEMBER TO DECEMBER

Students choose a theme for their state examinations project and explore and experiment this theme in their sketchbook. This work is then presented to the rest of the class.

STATE EXAMINATIONS PROJECT- JANUARY TO MAY

Based on feedback received from CBA 2 students then further develop their ideas and complete two realised pieces. This work is completed in class.

LEAVING CERTIFICATE

Visual Art continues to Leaving Certificate. Project work follows a similar format to Junior Certificate and is completed in class. Students also study Life Drawing and Art History.







Be willing to work to achieve your potential.

A PASS IN ORDINARY LEVEL MATHS IS NEEDED FOR ENTRY TO MOST COLLEGE COURSES!!

The more subjects you take at Higher Level and do well in the more CAO points you will get!! This will also give you more choice of courses for Third Level. Most Colleges use a points system.

Check with Mrs Brady or Ms. Friel if you are considering changing to Foundation Level Maths to make sure it is acceptable for the Course you are applying for.

Science subjects are very useful to have. There are many unfilled jobs in the Science area at present.

What happens if I don't take Honours Irish?

You will not be able to study to be a Primary School Teacher in any of the Irish Teacher Training Colleges.

What happens if I don't take Honours Maths?

You will be barred from most Engineering and some Computing/Science Degrees in Universities

Visual Arts is important Eg: If you wish to study Architecture or Graphic Design.





Some reasons why Good Attendance is Important







SUBJECT CHOICE FOR THE JUNIOR CERTIFICATE



So you can make a good decision, think about the following!!

- School reports are very helpful to help you understand some of your strengths and weaknesses.
- Do you enjoy the subject? Does it come easy to you?
- What subjects are you good at?
- Attitude can be as important as ability.
- Do you need the subject to follow a particular Career?
 - » Do your choices keep your options open for the future?
 - » Some subjects need good literacy (English) skills.
 - » Some subjects need good numeracy (Maths) skills.

How student achievement at Junior Cycle will be assessed

» In the future, junior cycle students will receive a new Junior Cycle Profile of Achievement (JCPA). The JCPA will reflect a much wider range of your child's achievements over the three years of junior cycle. The JCPA will report on a number of areas, including:



Instead of A, B, C, D, E, F and NG the following descriptors will now be used:

Distinction	90% to 100%
Higher Merit	75% to 89%
Merit	55% to 74%
Achieved	40% to 54%
Partially Achieved	20% to 39%
(Not Graded)	0% to 19%

Candidates (Junior Certificate) will continue to achieve grades of A, B, C etc. to NG based on marks achieved, a total of 7 grades. In the Junior Cycle, achievement will be indicated using the grade descriptors of Distinction, Higher Merit, Merit, Achieved, Partially Achieved, and Not Graded, a total of 6 grade descriptors. **The two types of grading will continue until 2021 when the last of the Junior Certificate examinations are terminated**.

The following table shows the current and new grading system for Junior Certificate / Junior Cycle subjects.

Both the old and the new grading systems will appear side-by-side on the final Junior Certificate Profile of Achievement (JCPA) until 2021.

	JUNIOR CERTIFICATE OLD GRADING		JUNIOR CERTIFICATE NEW GRADING	
Level	Percentage	Grade Descriptor	Percentage	Grade Descriptor
Higher, Ordinary, Foundation / Ard, Gnath, Bonn	≥ 85 to 100	А	≥ 90 to 100	Distinction
	≥ 70 and < 85	В	≥ 75 and < 90	Higher Merit
	≥ 55 and < 70	С	≥ 55 and < 75	Merit
	≥ 40 and < 55	D	≥ 40 and < 55	Achieved
	≥ 25 and < 40	E	≥ 20 and < 40	Partially Achieved
	≥ 10 and < 25	F	≥ 0 and < 20	Not Graded (NG)
	≥ 0 and < 10	NG		



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