

Year 10 GCSE Choices

Staff Involved:



• Mrs Stewart: Head of Key Stage 3&4 Careers

• Mrs Skuce: Careers Administrator

• Mrs Olphert: Head of Key Stage 5 Careers

• Mrs Yeates: Vice-Principal Curriculum

• Mrs Madden: Principal

• Mr Dixon: Head of Year 10

• Miss Emma Kirk: NI Careers Service Contact

Agenda:



- 1. Researching Careers & Current Trends
- 2. Subject Options & Related Careers
- 3. The GCSE Choices Form
- 4. Questions



GCSE Choices Presentation

 Researching Careers & Current Trends



Careers Research

Refer to the Helpsheet





Year 10 Career Planning









As you become better informed about the Job or course you should be As you become better informed about the job or course you should be able to describe the entry requirements (including relevant subjects), skills required and learn about professional bodies etc. Subject teachers will be happy to suggest useful websites describing

A Google search often brings positive results eg careers + history

• There are many very good websites for careers in STEM subjects:

- www.futuresinengineering.com/
- www.tsc.org/ Royal Society of Chemistry
- https://bringitonnl.co.uk/bring-it-on/
- Website for information on careers using Modern Languages: https://www.prospects.ac.uk/careers-advice/what-can-
- Website for information on careers in the NHS include:
 - https://www.healthcareers.nhs.uk/

Alternatively, contact someone already working in the sector and ask Atternatively, contact someone already working in the sector and ask them about their job. Most people will be happy to flag up the positive

Think about the ways you can acquire new skills and develop those that Ining about the ways you can acquire new sinis and develop those that you already have. There are so many school activities that provide you already have. There are so many school activities that provide excellent opportunities for you to develop vital transferable skills like teamwork, ICT skills, communication etc.









Step 1: Think about your abilities and interests. You can use some Website 1: Xello

- Go to My School, select My apps and Xello. Login using your c2ken login and password. Complete the Matchmaker quiz in About me to find a range of Jobs which may suit your skills.
- You can also complete the other tasks in About Me.

- Website 2: Careers Service website at www.nidirect.gov.uk/careers website 2: Careers service website at www.nightert.gov.niggareers

 This website has comprehensive information in video and written form
- Click on "Careers Online Support" and work through the different CITCR OFF CAREERS OFFITTE SUPPORT AND WORK THROUGH THE OFFITTERS." This section enables you to read about Security and the careers. This section enames you to read about different Job families and research individual careers: the video clips are Website 3: www.icould.com:

- To explore careers, browse career videos, check out links between subject
- Choice and career and get neip making decisions.

 Visit <u>www.icould.com/buzz/</u> and take the quiz. What do the results

Step 2: Once you have decided on the job family, job, course or subject area that interests you it is important to read relevant literature and

Go to My School, select My apps and Xello.

Login using your c2ken login and password.

Complete the Matchmaker quiz in About me to find a range of jobs which may suit your skills.

You can also complete the other tasks in About Me.

XELLO



Careers Research

NI Government Website www.nidirect.gov.uk/careers

providing comprehensive information in video and written form and numerous links to sites for further support.

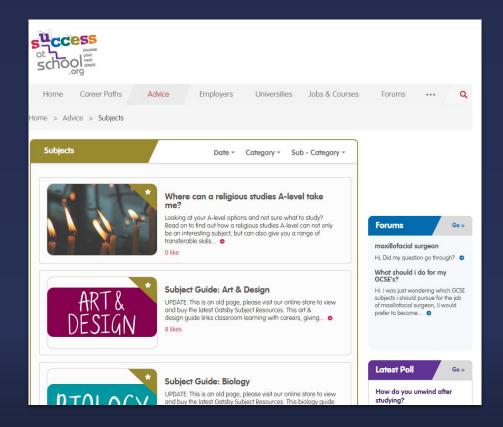
Option to chat with a careers advisor in NI.



Careers Research

www.successatschool.org/advice/subjects

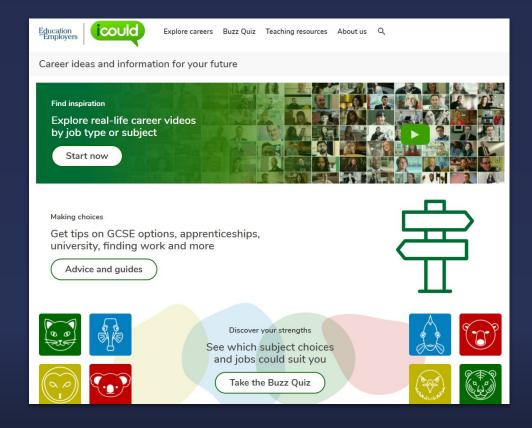
The careers Paths / explore career zones section of this website is useful for information about different career areas.



To explore careers, browse career videos, check out links between subject choice and career and get help making decisions.

You can take the Buzz quiz and see what the results suggest.

Careers Research www.icould.com



Careers Research

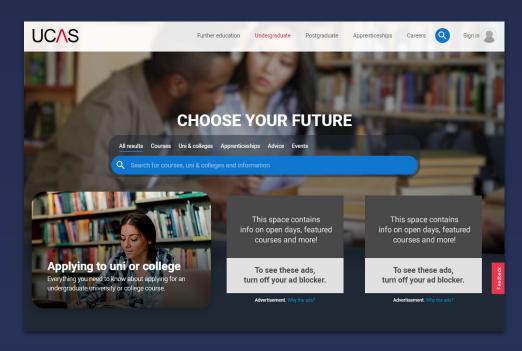
Once you have decided on the job family, job, course or subject area that interests you it is important to find out what subjects, skills and level of education are needed to enter that career.



If you are considering a specific University course you should look up the course on the **UCAS** website: www.ucas.com

This will provide you with a lot of information on entry criteria to courses, what subjects are essential, what grades are needed in different universities, etc.

Careers Research WWW.UCAS.COM



Search:

- Courses
- Universities
- Undergraduate
- NI / Elsewhere
- Entry Criteria

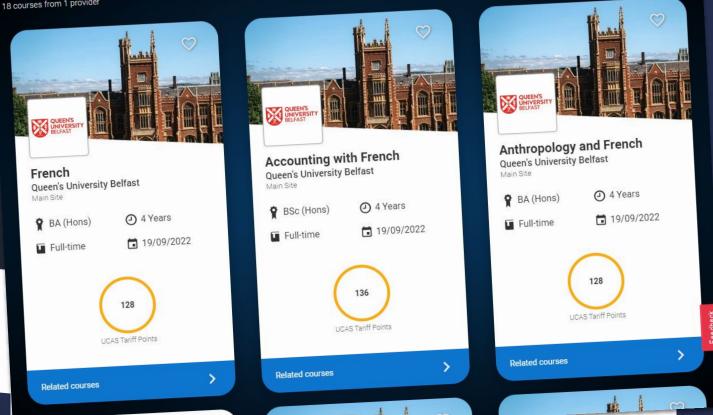
Careers Research WWW.UCAS.COM



Careers

wwv

18 courses from 1 provider



Careers Research

Colleges

If you are considering a course at a regional college like **ATU**, **NWRC** or **CAFRE** then you should review their prospectus.

- NWRC: www.nwrc.ac.uk
- CAFRE: www.cafre.ac.uk
- ATU: www.atu.ie



If you are considering a Basic or higher level apprenticeship then look up the specific apprenticeship website.

Many are linked with courses in the local regional college and more information can be found at this address:

www.nwrc.ac.uk/training-and-app renticeships

2023: 5 leavers to HLAs or Degree Apprenticeships

Business / Engineering / Accountancy / ICT

Careers Research Apprenticeships



Careers Research

Apprenticeships

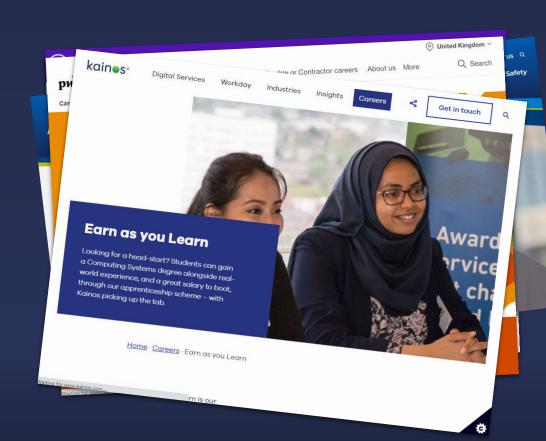
Here are just a few examples of some apprenticeships based in industry:

BT Apprenticeships

https://www.bt.com/careers/early
-careers/apprentices

NIE Apprenticeships

https://www.nienetworks.co.uk/apprenticeships



#What's Trending Future Job Opportunities



The following areas are extremely important to the Northern Ireland economy:



• ICT:

Software development, database development, systems architecture and internet specialist skills, mobile communication, computer games, touch screen technology, satellite navigation devices.

Creative and digital media

Cloud computing, mobile technologies, computer games and digital entertainment, cyber-security products and services.

Agri-food sector

Laboratory technicians, food scientists, bio-technology, machine operatives, supply chain manager.



Business and financial services

Accountants, bank officials, underwriters, insurance and investment brokers, actuaries and pensions advisers.

Advanced manufacturing and engineering

This includes careers requiring CAD skills, mechanical and electrical engineering skills including at technician level.

Renewable energies and recycling

Mechanical engineers, research and development managers, physical scientists, design and development engineers, biological scientists and biochemists.

Health and life sciences

Ambulance paramedics, Physiotherapists, Dentists, Veterinary Nursing, Pharmacists, Nurses, Doctors, Dental hygienists, occupational therapists etc.

Careers Research

Questions to Ask

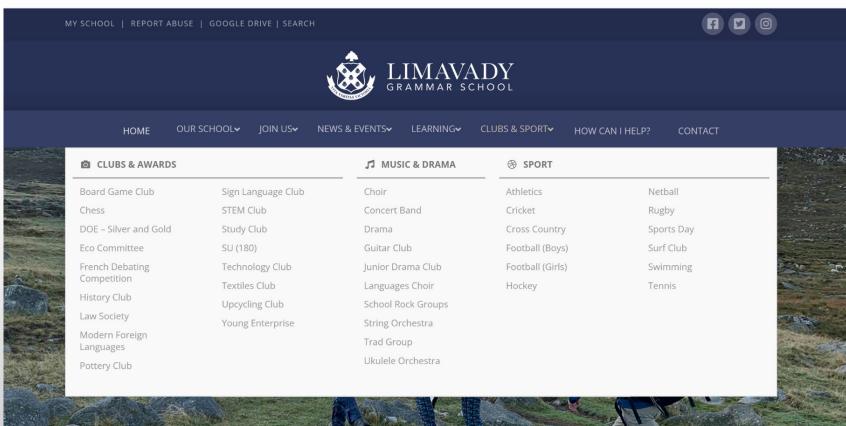


- Do I need to go to college or university to become this?
- What subjects are essential?
- What grades are necessary to get into this course at College or Uni?
- Are there alternative ways to get into this course / career?
- Are apprenticeships available in this career path?
- What skills are mentioned as important? Do I have those yet?
- How could I improve those skills? What activities could I try?

Contact someone already working in the sector and ask them about their job. Most people will be happy to tell you the positive and negative aspects.

Skill Development - Extracurricular

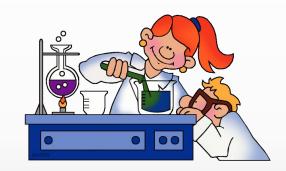




What subjects are they best at & what types of work do they enjoy doing?



- Project work
- Working with numbers
- Writing assignments
- Laboratory work
- Learning languages
- Using computers
- Designing and drawing
- Playing sports
- Performing in plays or concerts
- Making things
- Working with others
- Meeting deadlines





What do they enjoy doing in their spare time?

LIMAVADY GRAMMAR SCHOOL

- Playing sport or exercising
- Writing & being imaginative
- Playing computer games or using the internet
- Building or repairing things
- Acting, singing, dancing or playing musical instruments
- Designing and making things
- Budgeting money
- Attending youth clubs and meeting friends
- Organising Events eg: parties or trips
- Being outdoors whatever the weather
- Bossing everyone else around!







Strategy for choosing GCSE subjects



- 1. Which subjects are compulsory? (Maths, English Language & Science)
- 2. What subjects do they like?
- 3. What subjects are they good at?
- 4. What subjects are required for their future career pathway?

5. What would this subject combination rule out in terms of careers?



GCSE Choices Presentation

 Subject Options & Related Careers



GCSE Subject Options

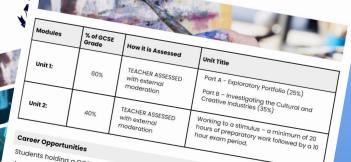


- English Language (Compulsory)
- Mathematics (Compulsory)
- RE Enrichment (Compulsory, Non-exam)
- Science (3 Options)
- All pupils will study 9 GCSEs



GCSE Subject Choices Booklet





Students holding a GCSE in Art & Design can use their skills in many areas of design including: Art and Design Teacher, Advertising, Art Director, Artist Animator, Architect, Blacksmith, Art and Design Teacher, Advertising, Art Director, Artist Animator, Architect Blackstrium, Ceramics Designer, Illustrator, Costume Designer, Fashion Designer, Fashion/Advertising, Compact Designer, Pashion Photography Economy Photography Photogra Ceramics Designer, Illustrator, Costume Designer, Fashion Designer, Fashion/Adversing.

Games Designer, Photographer, Footwear Designer, Furniture Designer, Hairdresser, Window

Mah Designer Designer, Hairdresser, Window Games Designer, Photographer, Footwear Designer, Furniture Designer, Hairaresser, Window Designer, Madical Mustrature Cast Designer, Web Designer, Product Designer, Occupational

Other Information

Students will

- develop knowledge, understanding and awareness of the purpose of art, craft and develop knowledge, understanding and awareness of the purpose of art, craft and design in a variety of contexts through their own work and the research of others' work esign in a variety or contexts through their own work and the research of others work

 have opportunities to actively engage in the creative process of art, craft and design,
- developing their creative, imaginative and intuitive capabilities, critical and reflective inhalical sciences. Thinking skills and technical skills

 be encouraged to work independently and with a broad range of media to

You can produce work in 2D, 3D, fine art and design, including drawing, painting, graphic You can produce work in 2p, 3p, tine art and design, including drawing, painting, graphic design, lens-based media, critical and contextual studies, 3D design and

For more in depth subject information:



Read the subject booklet pupils received.

- This outlines the Course which pupils would follow in that subject.
- It includes information on the form of assessment the GCSE uses: for example the % of work within the subject which is assessed by elements of course work throughout the 2 years (called Controlled Assessment).
- Also consider which style of assessment suits the student when selecting certain GCSEs.
- Be wary of choosing too many coursework heavy subjects.

GCSE

Subjects on Offer



Art and Design

Music

Physical Education

| English Literature | Digital Technology: Multimedia | Business Studies |
|----------------------|------------------------------------|-------------------|
| English Language | Digital Technology: Programming | Religious Studies |
| Single Award Science | Technology: Systems | History |
| Double Award Science | Technology: Product Design | Geography |
| Triple Award Science | Food & Nutrition | Spanish |
| Mathematics | Health & Social Care | French |
| Further Mathematics | Child Development | Drama |

Science Options



- Single Award All 3 sciences studied with 1 module completed in each. <u>Equivalent to ONE GCSE subject and 1</u> grade is awarded.
- Double Award All 3 sciences are studied with 2 modules completed in each. This is the <u>equivalent to TWO GCSE</u> <u>subjects and two grades are awarded.</u>
- Triple Award All 3 sciences are studied with 3 modules completed in each. This is equivalent to THREE GCSE subjects and 3 grades are awarded.

Science at A level



Both Double Award and Triple Award science will allow pupils to progress to A level providing they meet the subject entry criteria.

Single Award Science



- It will be in the interests of some students to study Single Award science, and they will have been advised of this opportunity.
- •SA allows for a greater range of subjects to be selected, however, it is important to note that this means **they would be unable to study** A level science within LGS. There is a limited possibility to study A Level Life & Health science see subject choice booklet.

Religious Studies & LLW



- Religious studies & LLW must be taught up to year 12 as part of the statutory curriculum.
- Students can select to study Religious Studies as a full GCSE.
- Everyone will have one period of RE Enrichment in their timetable. This will follow an Ethics course but will not be examined as a GCSE exam.
- Every pupil will have 1 period of LLW per week.

English Literature



- English Literature is not a compulsory subject.
- However we would encourage all able students to select this subject at GCSE.

Points to Note:

- In Scotland some universities will look for English Lit at GCSE as a discursive subject.
- If English Literature is not studied at GCSE it will rule out studying English at A Level.
- Some Scottish universities prefer teaching and nursing applicants to have either Maths or English Literature at A level.

French & Spanish



- Studying a modern language at GCSE is not compulsory.
- However we would encourage all able students to continue studying a language at GCSE.

Points to note:

- 1. Some Universities in the Republic of Ireland require a language at GCSE.
- 2. Being able to speak a language is a skill carried through life not just a GCSE.
- 3. Languages open doors to careers internationally.
- 4. Most Universities require 2 languages at GCSE to study a Language course at Degree level.
- 5. Many courses offer joint honours with languages. Eg: Law, Business, Economics etc.
- 6. Enhances your CV when applying for any internships.

Further Maths



- To study Maths at A level it is recommended to select further Maths at GCSE.
- If a student does not study further maths at GCSE the only way to enter maths A level is to achieve a high A grade (UMS score of at least 340, having completed M4 and M8 modules) or A* in GCSE Mathematics.

Points to note:

- Pupils considering further maths should be achieving 75% or more in Maths tracking tests and exams.
- Many Engineering, computer programming and economics courses require A level maths.

Additional GCSE Subjects



Business Studies

Child Development

Drama

Health & Social Care

Digital Technology



Multimedia

Develops core skills and understanding with an emphasis on the creative elements such as graphics, animation, sound and website development.

Programming

Develops core skills and understanding with an emphasis on programming and learning the languages and concepts that are used to develop modern computer systems.

These subjects CANNOT be studied together

Technology



Systems

Produce an electronic based project,

Students are more likely to <u>favour</u>

<u>building and designing circuits</u>

<u>however, they are also expected to</u>

<u>model, manufacture and produce</u>

<u>written coursework.</u>

Product Design

Produce an <u>outcome that does not</u> <u>include a circuit</u> that they have made.

Product Design students

predominantly enjoy art, modelling,
manufacture and written
coursework.

These subjects CANNOT be studied together

Please Note:



- Pupils can make changes at a later stage butchanges will be dependent on the timetable and class sizes.
- Some subjects may not run if not enough students have selected it or there is a change to staffing.
- Some universities in the Republic of Ireland do not accept Health and Social Care and Sports Science and the Active Leisure Industry as A level subjects, please check the university courses you are interested in to be sure.

Careers & Examples of Requirements:



- <u>Most Engineering Courses</u> require Maths and Physics at A Level. Some accept Technology instead of Physics.
- Many Architecture Courses prefer/require Art at GCSE and Physics or Double Award to GCSE. Maths, Physics and Art to A Level can be preferences. Some accept Technology at A Level. A portfolio of work will be required.
- <u>Food Science Courses</u> require Double Award at GCSE and prefer Chemistry and Biology at A Level.



- Modern Language Courses: many require two languages at GCSE.
- Many Law Courses: require a very good GCSE profile but most do not ask for specific subjects at A Level.
- Optometry: Double Award or 3 Sciences at GCSE. 2/3 of Chemistry, Biology, Maths, Physics at A Level (see individual courses). Physics not always asked for but very important.
- <u>Computer Programming:</u> A-level to include Mathematics & Software Systems Development. GCSE Mathematics grade C.

Teaching



- Some Primary Teaching courses require A or B in GCSE English and Maths.
- Some Scottish Universities seem to prefer students offering Maths and English beyond GCSE.
- Teaching Experience/Observation or working with young people in a voluntary capacity is essential for application.

Medicine, Veterinary, Dentistry



- Need—Double or Triple Award Science at GCSE. Very high grades!
 Need as many A* at GCSE as possible (Eg: 8 or 9) for some of the most competitive courses.
- Study 4 AS subjects and 3 or 4 required at A Level. Including Chemistry. Top Grades!
- Dentistry requires evidence of manual dexterity
 2/3 of Sciences and Maths at A Level is a preference/requirement for many courses and aptitude tests are required for most.
- Work Experience, voluntary work and thorough interview preparation is essential.
- Aptitude Test UCAT. (www.ucat.ac.uk)

Specific University Requirements:



Many UK universities use GCSE results to select students for entry, not AS grades.

- Some of these universities include: Oxford, Cambridge, Edinburgh, St Andrews, King's College London, Imperial College London, Exeter & Durham.
- Therefore your GCSE results can impact the universities which you will be able to apply to.



GCSE Choices Presentation

GCSE Choices Form



Completing the Form:



- Option blocks will be created from the choices made on this form.
- Pupils will have the **opportunity to change** their mind during the interview process, **BUT only within the confines of the option blocks**.
- Please take this seriously and make an informed choice.
- We do regret that on occasions there have been some subject combinations that have not been possible and first choices have not been available.
- Some courses may not run.

Choices Form - Section A & B



| [A] | 20 S 10 S 20 | | 1 22 4 | | No of |
|-----------------|--------------|---|---------|----------|-------|
| You must study: | Mathematics | / | English | ✓ | GCSEs |
| | | | | 8 | 2 |

You then have some choices to make. Make your choices by ticking the appropriate boxes.

| [B] | SCIENCE OPTION | | |
|---------------------------------|---------------------------------------|--|--|
| Choose (a) Single Award Science | | | |
| | (b) Double Award Science | | |
| a, b or c | (c) Biology AND Chemistry AND Physics | | |

| Tic | ck | |
|-----|----|--|
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1 2 3

• Some students may be advised to study Single Award Science.

Science Options



- Single Award All 3 sciences studied with 1 module completed in each. Equivalent to ONE GCSE subject and 1 grade is awarded.
- **Double Award** All 3 sciences are studied with 2 modules completed in each. This is the <u>equivalent to TWO GCSE subjects</u> and two grades are awarded.

Science Options



- Triple Award All 3 sciences are studied with 3 modules completed in each. This is equivalent to THREE GCSE subjects and 3 grades are awarded.
- Pupils who are interested in studying Triple Award science should put it on their form.
- Only one triple award class of 24 pupils will be formed each year. Applicants are ranked based on their previous science performance and the top 24 applicants are offered first refusal of the places in the class.

Science Options



- Science at A level: Both Double Award and Triple Award science will allow pupils to progress to A level providing they meet the subject entry criteria.
- It will be in the interests of some students to study Single Award science, and they will have been advised of this opportunity.
- SA allows for a greater range of subjects to be selected, however, it is important to note that this means **they would be unable to study A level science within LGS**. There is a limited possibility to study A Level Life & Health science see subject choice booklet.

Choices Form – Section C



| [C] | Art & Design | Geography | |
|---------------|-------------------------------------|--------------------------------------|---------|
| Choose | Business Studies | Health & social Care | 4 OR |
| four | Child Development | History | 5 |
| OR five OR | Digital Technology (Multimedia)} OR | Music | OR |
| six | Digital Technology (Programming) | Physical Education | 6 |
| | Drama/Performing Arts | Religious Studies (full course only) | |
| | English Literature | Spanish | |
| | Food & Nutrition | Technology Systems } OR | |
| | French | Technology Product Design} | |
| | Further Maths | | |

- Please rank subjects in order of importance this is VERY IMPORTANT!
- Please select 2 Reserves

Section C – Worked Example



Double Science: Considering Career in Law

| [C] | Art & Design | | Geography | R1 | (2) |
|-------------------|-------------------------------------|----|--------------------------------------|----|---------|
| Choose | Business Studies | R2 | Health & social Care | | 4 OR |
| four | Child Development | | History | 3 | 5 |
| OR five OR six | Digital Technology (Multimedia)} OR | | Music | | OR 6 |
| | Digital Technology (Programming) | | Physical Education | | |
| | Drama/Performing Arts | | Religious Studies (full course only) | 2 | |
| | English Literature | 1 | Spanish | 4 | |
| | Food & Nutrition | 5 | Technology Systems} OR | | |
| | French | | Technology Product Design} | | |
| | Further Maths | | | | |

Section C – Worked Example



Triple Science: Considering Career in Architecture

| [C] | Art & Design | 1 | Geography | |
|---------------|-------------------------------------|----|--------------------------------------|----|
| Choose | Business Studies | R2 | Health & social Care | |
| four | Child Development | | History | |
| OR | Digital Technology (Multimedia)} OR | | Music | |
| ive OR six | Digital Technology (Programming) | | Physical Education | |
| <i>52.2</i> | Drama/Performing Arts | | Religious Studies (full course only) | |
| | English Literature | 4 | Spanish | R1 |
| | Food & Nutrition | | Technology Systems} OR | |
| | French | 50 | Technology Product Design} | 3 |
| | Further Maths | 2 | | |

Section C – Worked Example



Single Award Science: Considering Career in Media

| [C] | Art & Design | 4 | Geography | | |
|-------------------|-------------------------------------|---|--------------------------------------|----|---------|
| Choose | Business Studies | | Health & social Care | | 4 OR |
| four | Child Development | | History | 5 | 5 |
| OR five OR six | Digital Technology (Multimedia)} OR | 3 | Music | R2 | OR 6 |
| | Digital Technology (Programming) | | Physical Education | 6 | |
| | Drama/Performing Arts | 2 | Religious Studies (full course only) | R1 | |
| | English Literature | 1 | Spanish | | |
| | Food & Nutrition | | Technology Systems} OR | | |
| | French | ë | Technology Product Design} | | |
| | Further Maths | | | | |

Please remember:



- It is not possible to study both Digital Technology Multimedia and Digital Technology Programming.
- It is not possible to study both Technology Systems and Technology Product Design.
- Applied Subjects such as, Health and Social Care and Sports Science and the Active
 Leisure Industry, if taken to A level may not always be accepted by Universities in the
 Republic of Ireland if your young person is considering studying in ROI we advise
 checking each university's entrance criteria for the course they are wishing to study.
- Pupils can make changes at a later stage butchanges will be dependent on the timetable and class sizes.
- Some subjects may not run if not enough students have selected it or if staffing changes.

Strategy for choosing GCSE subjects



- Which subjects are compulsory? (Maths, English Language & Science)
- 2. What subjects do they like?
- 3. What subjects are they good at?
- 4. What subjects are **required** for their future career pathway?
- 5. What would this subject combination rule out in terms of careers?







HOME OUR SCHOOL Y JOIN US Y NEWS & EVENTS Y LEARNING Y CLUBS & SPORT Y HOW CAN I HELP? CONTACT

| DEPARTMENTS | | | TIMETABLES | CAREERS | LIBRARY |
|-----------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|---------|
| Art and Design | Government and Politics | Modern Languages | Exam Timetables Controlled | Careers Information | - |
| Biology Chemistry | Health and Social Care | Music | Assessment Timetables | Subject Choices | |
| Double Award Science | History | Physical Education | | GCSE Subject Choices | |
| English (with Media Education) | Home Economics | Physics Religious Studies | | A-Level Subject Choices | |
| English Literature | Computing | Single Award | | Year 13 Admissions | |
| Geography | Journalism Mathematics | Science Technology and | | Work Experience | |
| | | Design | | Volunteering UCAS | |
| | | | | Careers Opportunities | |

Try to keep pupil options open while pursuing pupil strengths



- There are many other career opportunities available in the future other than the ones pupils will be aware of at present.
- They will develop and change as a person over the next few years. They will learn new skills and discover new qualities about themselves. These may make other career options more appealing later.

How can you help...





Timetable

Name:

| Time / period | Monday | Tuesday | Wednesday | Thursday | Friday |
|---------------|--------|---------|-----------|----------|--------|
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Calendarpedia

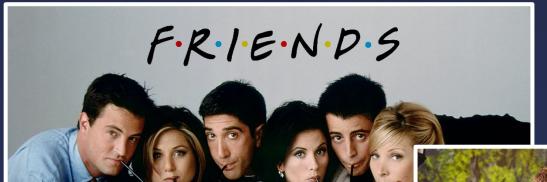
@ www.calendarpedia.co.ul



Quizlet

Friends.....The Reunion!!







Timeline for Choices



- Tuesday 16th January: Presentation to pupils & Parents
- Monday 22nd January: Year 10 Parent & Teacher interviews
- Wednesday 31st January: Deadline for Handing in Forms to form teacher
- During February/March: Subject Choice Interviews
- After interview: Parental consent form returned
- GCSE choice is finalised.
- Changes are still possible at this point but will be within the confines of the timetable which has been created.

Parents Feedback Survey







GCSE Choices Presentation

Questions





Thank you

