

Cardinal Newman High School



S3 Curricular Pathways February 2020



Departmental information

This booklet should be used to help in discussion with your child their personalisation moving forward into S4. All pupils will continue to study English, Maths and Religious Education. They should choose 5 other subjects, one from each column on the options form. If you require any additional help or assistance, please contact your child's pupil support teacher.

Forms should be completed, signed and returned by Wednesday 11 March 2020.

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Core Subject: ENGLISH

Levels offered in S4:

National 4



National 5



Topics covered in S4:

N4

- Creative and Discursive writing
- Added Value Unit- research task
- Novels, short stories, poetry, plays and media

N5

- Creative and Discursive writing
- Novels, short stories, poetry, plays and media
- Scottish set text

Types of assessment undertaken

N4/N5

- Written tasks under exam conditions
- Critical essays of texts
- Skills development
- Talking and Listening

Final Award

N4 Internally assessed coursework, unit exams, and added value unit.

N5 Final external exam (2.5 hours)

SQA Externally assessed folio (Ongoing throughout year, submitted in February)

Progression into S5/6:

National 5



Higher



Advanced Higher



This subject can lead to careers in:

- journalism/ writing
- teaching
- information and research
- tourism
- events management
- social work/ youth work
- human resources
- web content manager
- retail management and sales



Core subject: Mathematics

Levels offered in S4:

National 4

National 5

Topics covered in S4:

N4

- Pythagoras
- Straight Line
- Equations
- Formulae
- Enlargement and Reduction
- Trigonometry

N5

- Straight Line
- Functions
- Equations
- Changing the Subject of the Formula
- Pythagoras

Types of assessment undertaken

N4/N5

- Internal Assessments

Final Award

N3/4 Internally assessed coursework, unit exams, and added value unit.

N5 Final external exam (Non Calculator 1 hour 15 minutes, Calculator 1 hour 50 minutes)

Progression into S5/6:

National 5

Higher

Advanced Higher

This subject can lead to careers in:

- Math teacher
- Statistician
- Actuarial analyst
- Chartered accountant
- Data analyst
- Investment analyst
- Research scientist (maths)
- Software engineer
- Statistician
- Financial manager
- Financial trader
- Game designer
- Meteorologist
- Quantity surveyor



Core Subject: R.E. / R.M.P.S

Levels offered in S4:

National 4

National 5

Pupils in S4 have the opportunity to maximise their attainment in core RE by gaining a National 4 qualification in the SQA course, RMPS (Religious, Moral & Philosophical Studies).

In order to gain this award, pupils should successfully complete an assessment on the following units in order to meet the SQA assessment criteria. The content of the units being delivered encompasses the core learning from the National Catholic R.E. curriculum, 'This is our Faith'.

- Word Religion
- Religious & Philosophical Questions
- Morality & Belief

Additionally, Pupils must complete an 'Added Value Unit' which shows evidence of investigation and research in a topic studied.

N4 Types of assessment undertaken

- Written tasks under exam conditions
- Practical work
- Skills development

Final Award

N4 Internally assessed coursework, unit assessments, and added value unit.

Pupils may be awarded recognition of completing units only if this assignment is not successfully completed.

Progression into S5/6:

National 5

Higher

Advanced Higher

This subject can lead to careers in:

- Law
- Politics
- Medicine
- Social Work
- Counselling
- Teaching
- Health Care
- Psychology
- Charity Sector
- Local Government



Curricular choice: Art & Design

Levels offered in S4:

National 4



National 5



Topics covered in S4:

N4/N5

- Art & Design: Expressive Folio
- Art & Design: Expressive Art Studies

Types of assessment undertaken

N4/N5

- Written tasks
- Practical work
- Skills development
- Critical Studies

Final Award

N3/4 Internally assessed coursework, unit exams, and added value unit.

N5 Final external exam (1 hour)

Externally assessed Portfolio (April)

Progression into S5/6:

National 5



Higher



Advanced Higher



NPA Level 5 Photography in S5

Higher Photography in S6

This subject can lead to careers in:

- Fine Art
- Sculpture
- Graphic Design
- Fashion & Textile Design
- Photography
- Interior Design
- Architecture
- Illustration
- Digital Media
- Gallery Curator
- Product Design
- Special Effects Artist
- Set Design
- Art Teacher
- Jewellery Design
- Tattoo Artist
- Video Games Design
- Ceramics and Pottery



Curricular choice: COMPUTING

Curricular choice: MUSIC

Levels offered in **S4**:

National 4

National 5

Topics covered in S4/5:

N4/N5

- Performing Skills
- Composition
- Understanding Music

Types of assessment undertaken

N4/N5

- Performance Exam
- Composition Assignment
- Listening Exam

Final Award

N3/4 Internally assessed performance exam, composition assignment and listening exam.

N5 Externally assessed **Performance Exam** (8 minutes - 2 instruments)

Externally assessed **Composition Assignment** (April)

Externally assessed **Listening Exam** (April/May)

Progression into S5/6:

National 5

Higher

Advanced Higher

In another music subject

This subject can lead to careers in:

- Music Teacher
- Music therapist
- Composer
- Performer/Session Musician
- Music Journalist
- Music Librarian/Historian
- Record Producer
- Radio DJ
- A&R Coordinator



Curricular choice: MUSIC TECHNOLOGY

Levels offered in **S4**:

National 4 X National 5 ✓

Topics covered in S4/5:

N5

- Music Technology Skills
- Understanding 20th/21st Century Music
- Music Technology in Context

Types of assessment undertaken

N5

- Portfolio
- Listening Exam

Final Award

- N5 Externally assessed **Portfolio** containing 2 Recording Assignments (March)
Externally assessed **Listening Exam** (April/May)

Progression into S5

Higher ✓

In another music subject

This subject can lead to careers in:

- Audio Visual Specialist.
- Music Producer.
- Music Director
- Media and Event Support Specialist.
- Studio Engineer.
- Director of Audio/Visual Events.
- Audio Engineer.
- Recording Artist.
- Multimedia Specialist.



Music Technology

Subject choice: BIOLOGY

Levels offered in S4:

National 4

National 5

Topics covered in National 4

- Cell Biology
- Multicellular Organisms
- Life on Earth
- Added Value Unit (AVU)

No final exam, however, there will be continuous internal assessments.

Topics covered in National 5

- Cell Biology
- Multicellular Organisms
- Life on Earth
- Assignment

Final external SQA exam (2.5 hours) as well as continuous internal assessments.

Skills Developed

In addition to developing knowledge and understanding young people will develop skills in literacy, numeracy and health and wellbeing. The National 4 and National 5 Biology course also provides young people with the opportunity to develop their digital literacy skills as well as skills for life, learning and work (DYW).

Progression into S5/6:

National 5

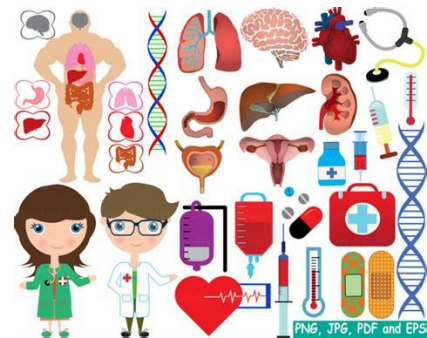
Higher

Advanced Higher

In another Science subject or
Skills for Work: Health Sector

This subject can lead to careers in:

- Scientific research
- Medicine/Veterinary Medicine
- Dentistry
- Nursing
- Health Care
- Hairdressing
- Beauty
- Sports
- Physiotherapy
- PE



Subject choice: Chemistry

Levels offered in S4:

National 4



National 5



Topics covered in National 4

- Chemical Changes & Structure
- Natures Chemistry
- Chemistry in Society

No final exam, however, there will be continuous internal assessments.

Topics covered in National 5

- Chemical Changes & Structure
- Natures Chemistry
- Chemistry in Society

Final external SQA exam (2.5 hours) as well as continuous internal assessments.

Skills Developed

In addition to developing knowledge and understanding young people will develop skills in literacy, numeracy and health and wellbeing. The National 4 and National 5 Chemistry course also provides young people with the opportunity to develop their digital literacy skills as well as skills for life, learning and work (DYW).

Progression into S5/6:

National 5



Higher



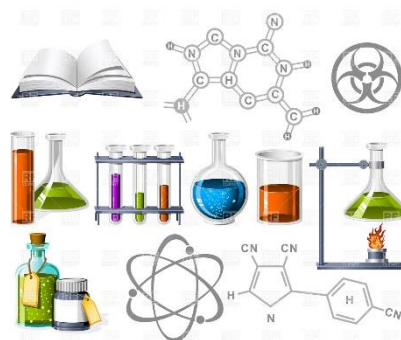
Advanced Higher



In another Science subject or
Skills for Work: Health Sector

This subject can lead to careers in:

- Analytical chemist
- Chemical engineer
- Forensic scientist
- Pharmacologist
- Research scientist (physical sciences)
- Toxicologist
- Medicine / Veterinary Medicine / Veterinary Nursing
- Dentistry / Dental Nursing
- Textile Technologist
- Cave Diver



Subject choice: Physics

Levels offered in S4:

National 4



National 5



Topics covered in National 4

- Electricity
- Energy
- Waves
- Radiation
- Dynamics
- Space

Topics covered in National 5

- Electricity
- Energy
- Waves
- Radiation
- Dynamics
- Space

Skills Developed

In addition to developing knowledge and understanding young people will develop skills in literacy, numeracy and health and wellbeing. The National 4 and National 5 Physics course also provides young people with the opportunity to develop their digital literacy skills as well as skills for life, learning and work (DYW).

Progression into S5/6:

National 5



Higher



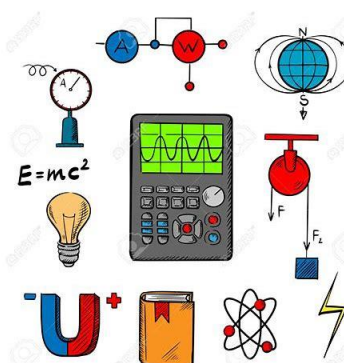
Advanced Higher



In another Science subject or
Skills for Work: Health Sector

This subject can lead to careers in:

- Engineer
- Architect
- Computer Games Developer
- Data Analyst
- Design Engineer
- Medicine / Veterinary Medicine / Veterinary Nursing
- Dentistry / Dental Nursing
- Laser Engineer
- Software Development
- Astronaut / Aerospace Engineer / NASA Communications



Subject choice: MODERN STUDIES

Levels offered in S4:

National 4

National 5

Topics covered in S4:

N4/N5

- Democracy in the UK
- Crime and the Law in the UK
- World Power - USA

Types of assessment undertaken

N4/N5

- Knowledge and Understanding Questions (Describe/Explain)
- Written tasks under exam conditions
- Enquiry Skills Questions
- Added value Unit / Assignment

Final Award

N4 Internally assessed coursework, unit exams, and added value unit.

N5 Externally assessed Assignment (1hour)

Final external exam (2hr 20mins)

Progression into S5/6:

National 5

Higher

Advanced Higher

In another Social Studies subject

This subject can lead to careers in:

- Law
- Teaching
- Politics
- Media and broadcasting
- Social Work
- Journalism
- Civil Service
- Charity Organisations
- Police
- Economics

Modern Studies



Subject choice: HISTORY

Levels offered in S4:

National 4

National 5

Topics covered in S4:

N4/N5

- Nazi Germany,1918-1939
- Migration and Empire,1830-39
- Changing Britain,1760-1914

Types of assessment undertaken

N4/N5

- Knowledge and Understanding Questions
- End of Unit assessments
- Enquiry Skills Questions
- Added value Unit / Assignment

Final Award

N4 Internally assessed coursework, unit exams, and added value unit.

N5 Externally assessed Assignment (1 hour)

Final external exam (2hr 20mins)

Progression into S5/6:

National 5

Higher

Advanced Higher

In another Social Studies subject

This subject can lead to careers in:

- Law
- Teaching
- Politics
- Journalism
- Tourism
- Library work
- Publishing
- Anthropology
- Civil Service
- Museum work
- Archaeology
- Restoration work
- Business



Subject Choice: GEOGRAPHY

Levels offered in S4:

National 4

National 5

Topics covered in S4:

N4/N5

- Physical environments in UK
- Human Environments across the world
- Global Issues

Types of assessment undertaken

N4/N5

- Knowledge and Understanding Questions
- Written tasks under exam conditions
- Source Based Skills Questions
- Added value Unit / Assignment

Final Award

N4 Internally assessed coursework, unit exams, and added value unit.

N5 Externally assessed Assignment (1hour)

Final external exam (2hr 20mins)

Progression into S5/6:

National 5

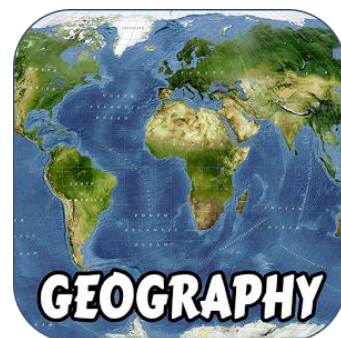
Higher

Advanced Higher

In another Social Studies subject

This subject can lead to careers in:

- Environmental management
- Teaching
- Meteorology
- Demography
- Landscape Architecture
- Rural development
- Natural conservation
- Cartography
- Travel and Tourism
- Town and country planning
- Surveying



Subject Choice: BUSINESS MANAGEMENT

Levels offered in S4:

National 4

National 5

Topics covered in S4:

N4/N5

- Understanding Business
- Management of People and Finance
- Management of Marketing and Operations

Types of assessment undertaken

N4/N5

- Knowledge and Understanding Questions
- Written tasks under exam conditions
- Analysis Questions
- Added value Unit / Assignment

Final Award

N4 Internally assessed coursework, unit exams, and added value unit.

N5 Externally assessed Assignment
Final external exam (2 hours)

Progression into S5/6:

National 5

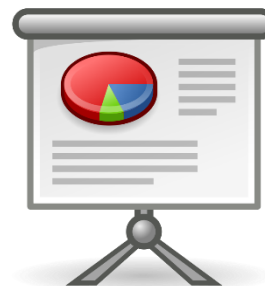
Higher

Advanced Higher

In another Social Studies subject

This subject can lead to careers in:

- Marketing
- Teaching
- Human Resources
- Administration
- Civil Service
- Clerical
- Accounts
- Finance
- Economics
- Social Media Managers
- Business management consultants
- Operations and Events Management



Subject choice: PHYSICAL EDUCATION

Levels offered in S4:

National 4



National 5



Topics covered in S4:

N4/N5

- Factors Impacting Performance
- Movement & performance skills
- Planning, developing and implementing approaches to develop performance
- Monitoring, recording and evaluating performance
- Decision making and problem

Types of assessment undertaken

N4/N5

Component 1: Portfolio
Component 2: Performance

Final Award

N4/5 Externally assessed Portfolio (completed during class time) – 50%

Internally assessed 'One-Off' performances in two activities – 50%

Progression into S5/6:

National 5



Higher



This subject can lead to careers in:

- Teaching
- Sports and exercise science
- Sports Coaching
- Personal trainer/gym instructor
- Travel and tourism
- Leisure management
- Outdoor Education
- **Plus many more due to the skills it develops below!**

Skills and Qualities - from studying Physical Education:

- Teamwork
- Technical ability
- Physical fitness
- Time management
- Organisation
- Communication
- Analytics
- Discipline
- Leadership



Subject Choice: PRACTICAL WOODWORKING

Levels offered in S4:

National 4

National 5

Topics covered in S4:

N4/N5

- Preparation of woodwork
- Construction of items
- Woodwork joints
- Assembly of items
- Machining and Finishing

Types of assessment undertaken

N4/N5

- Written tasks under exam conditions
- Practical construction
- SAQ assignment

Progression into S5/6:

National 5

Higher

Advanced Higher

In another subject area delivered within department.

This subject can lead to careers in:

- Joiner/ Carpenter
- Shop fitter
- Cabinet maker
- Roofer
- Picture framer
- Product design
- Construction Industry
- Set designer
- Teacher



Subject choice: HOSPITALITY SKILLS FOR WORK

Levels offered in S4:

National 4

National 5

Topics covered in S4:

N4/N5

- Working in the Hospitality Industry
- Working in the professional kitchen
- Working Front of House
- Introduction to Events

Types of assessment undertaken

N4/N5

- Continual assessment achieving passes in all parts of course units

Progression into S5/6:

National 5

Higher

Advanced Higher

In another subject area delivered within department.

This subject can lead to careers in:

- Chef
- Hospitality Industry Jobs
- Front of House
- Hospitality Events Industry
- Teaching/ college lecturer
- Food Photographer
- Reception Work
- Events Planning



Subject choice: HEALTH & FOOD TECHNOLOGY

Levels offered in S4:

National 4

National 5

Topics covered in S4:

N5

- Food for health
- Contemporary Food Issues
- Food Product Development
- Assignment

Types of assessment undertaken

N5

- Written tasks under exam conditions
- Practical work
- SQA Assignment/research project

Final Award

N5 Final external exam
Externally assessed Assignment

Progression into S5/6:

National 5

Higher

Advanced Higher

In another subject area delivered within department.

This subject can lead to careers in:

- Teaching
- Food Product Development within food industry
- Medicine
- Dietetics
- Nursing
- Health Care Professions
- Home Economist
- Sports and PE related careers
- Food Photographer
- Food Scientist



