

Science & Maths

PROGRESS TO A CAREER IN

You could work in **Applied Sciences, Biological Sciences, Chemistry and Materials Science, Food Science and Technology, Maths and Statistics, Physical Sciences**

Useful subjects to study in school

National Subjects (National 4, 5 and Higher)

Applications of Maths
Biology/Human Biology
Chemistry
Environmental Science
Health and Food Technology
Maths
Physics
Science

School/College Partnership Options

SfW Laboratory Science
NPA Applied Sciences
NPA Data Science
NPA Science and Health
NPA Science and Technology
NPA Scientific Technologies

Foundation Apprenticeships

Food and Drink Technologies
Scientific Technologies (Laboratory Skills)

Leaving School with Qualifications at:



Your Personal Qualities

You are Adaptable, Curious, Inventive,
Observant, Patient, Thorough

**You're
interested
in**

Discovering New Things, Finding
Answers, Numbers and Data, Science

**Your Core
Skills are**

Communication, Creative Thinking, Innovative,
Numeracy, Presenting, Proactivity, Teamwork

Progression Routes (There may also be other courses available in your local area)

Further Education - NC, NQ and NPA (SCQF Levels 5 and 6)

Applied Science, Biological Sciences, Biomedical Sciences, Chemical Sciences, Data Science, Forensic Science and Biotechnology, Health Sciences, Laboratory Science, Life Sciences, Medical Sciences, Physical Sciences, STEM

Workplace Learning - Modern Apprenticeships (SCQF Levels 6 and 7)

Life Sciences and the Related Science Industries

Workplace Learning - Modern Apprenticeships (SCQF Level 8)

Data Analytics, Life Sciences and the Related Science Industries

Higher Education at College - HNC and HND (SCQF Levels 7 and 8)

Applied Biological Sciences, Applied Bioscience, Applied Chemical Sciences (with Physics or Biology), Applied Sciences, Biomedical Science, Bioscience, Industrial Biotechnology, Veterinary Bioscience

Workplace Learning - Graduate Apprenticeship (SCQF Level 10)

Data Science

University Degree – BSc Hons, MBiol, MBioChem, MChem, MChemPhys, MEarthPhys, MMarBiol, MPhys, MSci (SCQF Levels 9, 10 and 11)

Actuarial Science, Agricultural or Animal Biology Anatomy, Astrophysics, Biochemistry, Biology (with humanities, language or science specialisms), Biomedical Sciences, Brewing and Distilling, Chemical Physics, Chemistry (with language or science specialisms), Computational Physics, Data Analysis or Science, Dietetics, Ecology, Engineering Physics, Environmental Chemistry, Food Bioscience, Forensics, Genetics, Geophysics, Immunology, Marine Biology, Materials Chemistry, Mathematics (with humanities, language or science specialisms), Medicinal Chemistry, Meteorology, Microbiology, Molecular Biology, Neuroscience, Nutrition, Oil and Gas Chemistry, Pharmacology, Physics (with science specialisms), Physiological Science

Art & Design

You could work in **3 Dimensional Design, Fashion or Textile Design, Fine Art, Graphic Design, Interior Design, Photography**

Useful subjects to study in school

National Subjects (National 4, 5 and Higher)

Art and Design
Design and Manufacture
Engineering Science
Fashion and Textile Technology
Graphic Communication
Photography
Practical Metalworking
Practical Woodworking

School/College Partnership Options

SfW Creative Digital Media
SfW Creative Industries
SfW Textile Manufacturing
NPA Art and Design
NPA Art and Design: Digital Media
NPA Costume
NPA Film and Media
NPA Harris Tweed
NPA Jewellery
NPA Photography

Foundation Apprenticeship

Creative and Digital Media

Leaving School with Qualifications at:



or



Progression Routes (There may also be other courses available in your local area)

Further Education - NC, NQ and NPA (SCQF Levels 5 and 6)

Architecture and Interior Design, Art and Design (Applied Arts, Creative Printmaking, Digital Media, Fine Art Portfolio, Graphic Arts Portfolio or Interior Design), Digital Art, Drawing and Painting Skills, Fashion or Textile Design, Furniture Design and Manufacture, Jewellery, Photography, Product Design, User Experience Design

Workplace Learning - Modern Apprenticeships (SCQF Levels 5 and/or 6)

Design, Fashion and Textiles Heritage, Signmaking

Workplace Learning - Modern Apprenticeships (SCQF Levels 7 and 8)

Design, Skills for Craft Businesses

Higher Education at College - HNC and HND (SCQF Levels 7 and 8)

3D Design, Animation, Architectural Design, Art and Design, Contemporary Art Practice, Digital Arts, Fashion, Furniture Design and Craftsmanship, Interior Design, Jewellery Design, Photography, Printmaking, Textiles, Visual Communication (Graphic Design, Illustration or User Experience)

University Degree – BA Hons, BDes Hons, BEng Hons, MA Hons, MEng Hons (SCQF Levels 9, 10 and 11)

Animation, Communication Design, Contemporary Art Practice, Costume Design, Digital Design, Fashion, Fine Art (Painting and Printmaking, Photography, Sculpture and Environmental Art or Textiles), Graphic Design, Illustration, Interaction Design, Interior Design, Intermedia Art, Jewellery and Silversmithing, Textiles, New Media Art, Photography, Product Design and Engineering, Sports Design Engineering, Textile Design, Visual Communication

Your Personal Qualities

You are

Curious, Enthusiastic,
Inventive, Patient

You're
interested
in

Colour and Shape, Designing and
Making Things, How Things Look

Your Core
Skills are

Communication, Creative Thinking,
Innovative, Numeracy, Proactivity,
Problem Solving, Resilience

Sport

You could work in **Sport and Fitness, Sports Performance, Sports Science and Therapy**

Useful subjects to study in school

National Subjects

(National 4, 5 and Higher)

Biology / Human Biology

Dance

Health and Food Technology

Physical Education

Psychology

School/College Partnership Options

SfW Sport and Recreation

NPA Activity Tourism

NPA Sports Coaching

NPA Sports Development

Leaving School with Qualifications at:

National 4,
National 5
or
College course at
SCQF Levels
4 and 5

or

Highers or
College course or
Foundation
Apprenticeship
at SCQF Level 6

Progression Routes (There may also be other courses available in your local area)

Further Education - NC, NQ and NPA (SCQF Levels 5 and 6)

Activity Tourism, Adventure Sports and Fitness, Applied Sports and Exercise Science, Female Football Performance/Football Performance, Fitness, Health and Exercise, Outdoor Adventure/Pursuits, Outdoor Leadership, Performance Athlete Education Programme, Rugby Performance, Soft Tissue Therapy, Sport and Fitness, Sports Coaching, Sports Leadership, Sports Therapy

Workplace Learning - Modern Apprenticeships (SCQF Levels 5/6 and 6/7)

Active Learning, Leisure and Wellbeing

Workplace Learning - Modern Apprenticeships (SCQF Level 8)

Achieving Excellence in Sports Performance (Football and Rugby)

Higher Education at College - HNC and HND (SCQF Levels 7 and 8)

Fitness, Health and Exercise, Football Performance and Coaching, Professional Golf, Sports Coaching and Development, Sports Therapy

University Degree - BA Hons, BSc Hons, MA Hons (SCQF Levels 9 and 10)

Adventure or Outdoor Education, Adventure Performance and Coaching, Environmental Geography and Outdoor Education, Exercise and Health Science, Golf Management, Physical Activity and Health, Physiology and Sports Science, Sport and Exercise Science, Sport and Fitness, Sport Management, Sport, Fitness and Coaching, Sports Therapy and Rehabilitation

Your Personal Qualities

You are

Confident, Enthusiastic, Observant, Outdoor Enthusiast, Patient, Respectful, Sociable

You're
interested
in

Fitness and Health, Playing Sport

Your Core
Skills are

Adaptability, Communication, Leadership, Numeracy, Organisation, Proactivity, Resilience, Teamwork

Performing Arts

You could work in **Arts Administration, Community Arts, Dance, Drama, Music, Music Technology, Theatre Technology**

Useful subjects to study in school

National Subjects (National 4, 5 and Higher)

Dance
Drama
Fashion and Textile Technology
Music
Music Technology
Physical Education
Practical Electronics
Practical Woodworking

School/College Partnership Options

SfW/ Creative Industries
NPA Dance
NPA Music Business
NPA Music Performing
NPA Musical Theatre
NPA Sound Production: Live
NPA Sound Production: Recording
NPA Technical Theatre in Practice

Leaving School with Qualifications at:

National 4,
National 5
or
College course at
SCQF Levels
4 and 5

or

Highers or
College course or
Foundation
Apprenticeship
at SCQF Level 6

Progression Routes

(There may also be other courses available in your local area)

Further Education - NC, NQ and NPA Levels 5 and 6)

Acting and Performance/Theatre Performance, Contemporary Gaelic Songwriting and Production, Creative Industries, Creative Music and Sound Production, Current Dance Styles, Dance, DJ/Music Producer, Events/Events Co-ordination, Music, Musical Theatre, Performing Arts with Musical Theatre, Scottish Bagpipes, Scottish Pipe Band Drumming, Sound Production, Stringed Music Instrument Making, Technical Theatre

Higher Education at College - HNC and HND (SCQF Levels 7 and 8)

Acting and Performance, Audio Visual Technology, Contemporary Dance Performance, Costume for Stage and Screen, Dance (Contemporary Dance Performance, Dance Artists or Professional Dance Performance), Events, Events Management, Music, Music Business, Musical Theatre, Sound Production, Stringed Instrument Making and Repair, Technical Theatre (and Production Arts)

University Degree - BA Hons, BMus Hons, BSc Hons, MA Hons (SCQF Levels 9 and 10)

Acting, Audio Technology, Contemporary Performance Practice, Costume Design and Construction, Drama and Performance, Drama and Production, Events Management, Modern Ballet, Music (Applied, Commercial, Community, Gaelic and Traditional, Popular), Music Technology, Musical Theatre, Performance, Performance Costume, Sound Design, Theatre and Film, Theatre Studies, Traditional Music (with Piping)

Your Personal Qualities

You are

Adaptable, Curious, Confident, Enthusiastic, Inventive, Observant, Thorough

You're
interested
in

Designing and Making Things, Expression through Acting, Dance or Music Performance, Performing in Front of an Audience, Behind-the-scenes Work Involved in Recorded or Live Productions

Your Core
Skills are

Adaptability, Communication, Creative Thinking, Innovative, Presenting, Proactivity, Resilience, Teamwork