

# Netherhall School

*An Ambitious, Caring Community*



*Ofsted rated as 'GOOD' - February 2018*

## Sixth Form Prospectus 2020

*"Students' attitudes to their learning and contributing to the wider school are excellent."*

*Ofsted, 2018*



*"There is an industrious atmosphere around the sixth form, both generally and within classes."*

*Ofsted, 2018*



*"Relationships between students and staff are excellent."*

*Ofsted, 2018*



Netherhall Road, Maryport, Cumbria, CA15 6NT

Tel: 01900 813434 Ext. 0 (Main Reception) | Email: [office@netherhall.cumbria.sch.uk](mailto:office@netherhall.cumbria.sch.uk)

Head Teacher: Mr. David Tromans BA(Hons), PGCE, NPQH, MEd

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# Netherhall School

*An Ambitious, Caring Community*



Netherhall School Sixth Form was rated "Good" in the Ofsted inspection of February 2018.

We are proud of our sixth form and believe it to be a welcoming, friendly, vibrant and happy place to learn, where staff and students are treated with care and respect. I believe that the values and ethos of Netherhall School Sixth Form are indicative of the Cumbrian spirit and represent the very best of Maryport and West Cumbria.

Achievement and success are built on positive relationships. I see this on a daily basis at Netherhall School Sixth Form, through the work of great teachers who have positive, constructive relationships with their students. The result is happy, confident learners who are inspired and surpassing their expectations.

I know you will enjoy and do well throughout your next two years at Netherhall School Sixth Form. My aim is to make school an enjoyable and productive experience for every student, where each young person looks forward to the possibilities of the day with energy and enthusiasm.

## Aims

The aim of Netherhall School Sixth Form is to support the development of healthy, confident, capable and happy young people, who are supportive and tolerant of each other. A sixth form that builds understanding, recognises individuality and embraces collective responsibility to fellow students, the school and the wider community.

The sixth form's aims are to provide relevant and meaningful experiences which nurture individual aspirations, whether it is an Oxbridge education, public service, artistic endeavour, industrial excellence, cultural or sporting experiences. A sixth form that actively encourages involvement and participation, with the intention of preparing its young people for the challenges of the 21<sup>st</sup> Century.

## Principles

The five principles that guide Netherhall School Sixth Form are:

**Students First:** every decision is founded on the best interests of the students.

**Aspiration:** to be fiercely ambitious for all students.

**Quality:** to provide the highest quality education possible.

**Opportunity:** to provide enjoyable and relevant opportunities that enable students to fulfil their considerable potential.

**Community:** to be an active part of the local community.

## Academic Success

Last academic year students attained A level grades:

A\* - B – 31%

A\* - C – 74%

A\* - E – 97%

## Destinations

All year 13 leavers in 2019 secured places in either higher education, training or employment.

## Curriculum

At Netherhall School Sixth Form we offer a broad and inclusive curriculum which supports the aspirations and achievement of all students. It is a bespoke curriculum offer that enables students to select from a wide choice of academic and vocational subjects.

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## Academic Subjects

- Art
- Biology
- Business studies
- Chemistry
- English language
- French
- Geography
- History
- Mathematics
- Photography
- Physics
- Religious studies

## Vocational Subjects

- Applied science
- Health and social care (single and double award)
- IT
- Sport and physical activity

## Extracurricular Opportunities and Enrichment

I am confident that whatever you choose to study at Netherhall School Sixth Form you will be expertly taught. In addition to this there is a great range of extracurricular and enrichment activities available, which will provide you with opportunities for leadership and personal development. You will be guided throughout your time in the sixth form by friendly and caring tutors, who take a personal interest in supporting every student towards their end goal of a university education or apprenticeship; they will encourage you to develop your skills by participating in:

- Sports prefects and sports leadership qualifications.
- School sports teams.
- Duke of Edinburgh Award, with direct entry to the Gold Award for sixth form students.
- Young Enterprise Award Scheme.
- Work experience placements.
- Primary school placements.
- Literacy and numeracy support for younger students.
- Fundraising and charity work.
- Sixth Form Council leadership opportunities.
- Head Boy and Head Girl positions.
- National Citizenship Service.
- University open days and summer schools.
- School trips to:
  - London – the arts.
  - Edinburgh – the arts.
  - Manchester – sports.
  - Newcastle – the arts.
  - University of Cumbria careers fair.
  - New York – cultural experience.
  - Euro Disney, Paris.
  - Ski trip.

Entrance requirements for entry to Netherhall School Sixth Form can be found in the options section at the back of the prospectus. All students must attain at least grade 4 in both English and maths to enter our sixth form, while specific entrance requirements for each course of study vary and have been set to enable the very best outcomes for students in their sixth form studies.

I look forward to seeing many students over the next few weeks as you make your choices for post 16 learning and look forward to welcoming you into the sixth form in September.

Mr M D Bailey.  
Deputy Headteacher / Head of Sixth Form.

# Level 3 - Extended Certificate in Applied Science

## What is it about?

This AQA qualification covers the fundamental scientific knowledge, understanding and practical skills associated with applied science learning. Learners will cover topics such as the scientific principles associated with the application of biology, chemistry and physics; experimental and practical techniques associated with applied science; the roles and skills of scientists, and the public and media perception of science.

## How is it structured?

The course is made up of five mandatory units, plus one optional unit from a choice of three.

Unit	Title	Assessment
1	Key concepts in science.	Written exam.
2	Applied experimental techniques.	Portfolio.
3	Science in the modern world.	Exam with pre-release material.
4	The human body.	Written exam.
5	Investigating science.	Portfolio.
Optional		
6a	Microbiology.	Portfolio.
6b	Medical physics.	Portfolio.
6c	Organic chemistry.	Portfolio.

## What is expected of me during the course?

You should have a real interest in the topics and be looking towards a career that is based in science, such as nursing, engineering, laboratory work or even the leisure industry. Over the two years you will be expected to take a full and active part in all learning activities, including group projects and independent learning. A commitment to doing your best in and out of class is essential as there is a lot of written coursework to complete during the two years. All deadlines must be met, without fail, so personal organisation and good time management are also vital. You should have achieved grade 4 or above in science at GCSE level.

## What can I combine this subject with?

Health and social care, sport and physical activity and any of the science based A levels are all good combinations to go with this qualification.

## What can I do with this qualification?

Applied science can be studied on its own at university or as an essential part of degrees in engineering, sports science, physiotherapy or nursing studies.

## Who should I ask?

Mr Horton.

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# A Level - Art

## What is it about?

A level art is a broad-based course exploring practical and critical/contextual work, through a range of 2D and/or 3D processes and media associated with two or more of the titles: fine art, graphic communication, textile design, three-dimensional design, photography.

Students are encouraged to develop their ideas in an original and exciting manner, providing them with the opportunity to gain new skills and develop existing ones. We encourage students to visit galleries locally and in Edinburgh/ London. The art department organises trips in the autumn term to Edinburgh to visit galleries, and the University of Cumbria to take part in printmaking workshops and life drawing. This enables students to experience a rich variety of historical and contemporary work, which will subsequently inform their own creativity.

Art and design is a wide ranging course covering printmaking, sculpture, painting, photography, mixed media, drawing and art history. Students are encouraged to develop their ideas using a range of experimental techniques and media, extending their creative individuality. The course enables students to develop their skills in decision making, the ability to follow tasks through from conception to completion and to develop their potential when working independently.

## What is expected of me during the course?

You should have a good imagination and be able to develop creative ideas. You should be happy to experiment with a range of materials and processes. A grade 4 in GCSE art is essential. It is important to remember that a lot of work will need to be completed not just in lessons but in your own time too. There are two components to the course, one chosen by the student and one set by AQA.

## What can I combine this subject with?

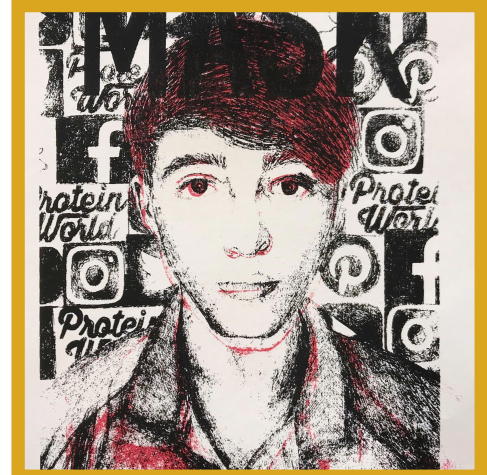
Art combines with any subject but in particular, English can help to develop the analytical and evaluative skills needed in art.

## What can I do with this qualification?

A foundation art course which is usually required before studying for any art based degree or any art based course. This can lead to careers in fine art, illustration, photography, design or teaching.

## Who should I ask to find out more?

Mrs Stead.



# A Level - Biology

## What is it about?

This AQA course will be taught through real life biology for the 21st Century. You will learn a wide range of experimental and investigative skills needed by modern biologists, including the ability to make judgements about the quality of evidence both as individuals and in groups. You will participate in practicals, simulations, animations, interactive IT tutorials, reviews and tests.

## How is it structured?

Your year 12 course is divided into 4 linked sections, with 6 required practicals.

	Title	Assessment
Year 12	Section 1 - Biological molecules.	This section studies important molecules such as lipids, proteins and enzymes, as well as the structures of inheritance.
	Section 2 - Cells.	This section studies the structures found within cells, as well as methods for studying cells.
	Section 3 - Exchange with the environment.	This section studies how organisms exchange substances with the environment.
	Section 4 - Genetic information and variation.	This section studies taxonomy and the science behind inheritance.

Your year 13 course builds on your knowledge from year 12 and is divided into four linked sections, with a practical ISA assessment.

Year 13	Section 5 - Energy transfers.	This unit studies photosynthesis, respiration and ecosystems.
	Section 6 - Responding to change.	This unit studies survival and the nervous system.
	Section 7 - Genetics and evolution.	This unit studies inheritance and how it leads to speciation.
	Section 8 - Control of gene expression.	This unit studies DNA and how genes are expressed.

## What is expected of me during the course?

You should have achieved grade 6 or above in GCSE biology before considering taking this course. Both year 12 and year 13 courses require self study materials, so you will need to be organised and committed to working at a good pace.

## What can I combine with this subject?

Biology can combine with most other subjects but students particularly benefit from also studying chemistry, maths, physics or geography.

## What can I do with this qualification?

Biology can be studied on its own at university, or as an essential part of degrees in medicine, veterinary science, physiotherapy, ecology or nursing studies.

## Who should I ask to find out more?

Mr Horton.

# A Level - Business Studies

## What is it about?

Students of this AQA course should study business in a variety of contexts (e.g. large/small, UK focused/global, service/manufacturing) and consider:

- The importance of the context of business in relation to decision making.
- The interrelated nature of business activities and how they affect competitiveness.
- The competitive environment and the markets in which businesses operate.
- The influences on functional decisions and plans, including ethical and environmental issues.
- The factors that might determine whether a decision is successful e.g. the quality of data and the degree of uncertainty.
- How technology is changing the way decisions are made and how businesses operate and compete.
- The impact on stakeholders of functional decisions and their response to such decisions.
- Use of non-quantitative and quantitative data in decision making (including the interpretation of index numbers and calculations such as ratios and percentages).

## What is expected of me during the course?

There will be three examination papers at the end of the two year course each worth 33.3% of the final grade. There is no coursework element, although all concepts will be applied to appropriate scenarios and situations. While this subject will be new to most students, a range of grade 4 passes at GCSE level and a grade 5 in mathematics will be required to allow the study of this subject at A level, due to the mathematical demands of this subject.

## The units you will study are:

- |   |  |
|---|--|
| 1. What is business?                                      | 7. Analysing the strategic position of a business (Year 13). |
| 2. Managers, leadership and decision making.              | 8. Choosing strategic direction (Year 13).                   |
| 3. Decision making to improve marketing performance.      | 9. Strategic methods: how to pursue strategies (Year 13).    |
| 4. Decision making to improve operational performance.    | 10. Managing strategic change (Year 13).                     |
| 5. Decision making to improve financial performance.      |  |
| 6. Decision making to improve human resource performance. |  |

## What can I combine with this subject?

It will combine well with languages, maths and English qualifications.

## What can I do with this qualification?

The qualification develops many skills that will prepare you for further education or employment. It is particularly useful for students interested in following a career as a business adviser, business analyst, chartered management accountant, corporate investment banker, data analyst, forensic accountant, insurance underwriter, management consultant, operational researcher, product manager, project manager, risk manager, social media manager, stockbroker or sustainability consultant.

## Who should I ask to find out more?

Miss Cooper.

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# A Level - Chemistry

## What is it about?

<b>Year 12</b>	<p>In year 12, AQA chemistry candidates are given a solid grounding in foundation chemistry.</p> <p>The specification introduces the chemical reactivity of atoms and molecules and provides an understanding of their structures. The development and use of the periodic table is explained.</p> <p>Topics include: Bonding, energetics, rates of reaction, periodicity, organic chemistry and chemical analysis.</p>
<b>Year 13</b>	<p>In year 13 the specification develops the concepts of physical chemistry, organic chemistry and inorganic chemistry that were introduced in year 12.</p> <p>Practical chemistry will be evident throughout the two year course with elements of the required practicals being assessed in all examinations.</p> <p>A practical endorsement will accompany the A level result.</p>

## What is expected of me during the course?

You should have achieved grade 6 or above in GCSE chemistry. Each section of each topic is supported by self-study materials, so you will need to be committed to working at a good pace and you should be methodical and well-organised.

## What can I combine with this subject?

Useful combinations with chemistry are biology, physics, maths or geography.

## What can I do with this qualification?

Further university study in any field related to chemistry such as medicine, pharmacology, veterinary science, biochemistry, forensic science or chemical engineering; or work in a science-based industry, the medical field or agriculture.

## Who should I ask to find out more?

Mr Hearn.

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# A Level - English Language

## What is it about?

In this subject, students are asked to engage creatively and critically with a wide range of texts and discourses. The English language course with AQA will be explored as a means of communication and as a topic in its own right. There is an emphasis on students' ability to pursue lines of enquiry, analyse texts produced by others and debate different views, as well as work independently to research aspects of language in use.

## Modules of study include:

- Language the Individual and Society (which involves looking at textual variety and children's language development).
- Language Diversity and Change (which involves looking at language diversity and change over time, as well as various attitudes to it).
- Language in Action (which requires students to undertake two different pieces of independent research):
  1. A language investigation (2000 words).
  2. A piece of original writing and commentary (750 words each).

## What is expected of me during the course?

- You will need to have passed GCSE English at grade 5 or above.
- You will need to be self-motivated, hardworking and interested in studying the English language as a tool for better communication and understanding.

## How is the course assessed?

- Two examinations, each 2.5 hours long and each worth 40% of the qualification for A level.
- Non-exam assessment (20% of the qualification, assessed by teachers).

## What can I combine this subject with?

English language combines easily with any subject.

## What can I do with this qualification?

This subject benefits a whole host of career paths including: journalism and media, law, teaching, advertising and publishing, public relations.

## Who should I ask to find out more?

Mr Bird.

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# A Level - French

## Who is the course for?

People who are curious, willing to work hard, have imagination and a sense of humour. By the end of the course you should be able to discuss and write about any topic from politics to bake-off competitions, fashion to nuclear fusion. You will be introduced to French film, music, theatre, literature and history and have a firm grammatical understanding.

## What will you study?

You will study films, music and literary, political or historical texts, carry out your own research into the language and customs of a French speaking country and develop your spoken, written, listening and reading skills to university entrance level.

Unit 1 - Les changements dans la société française.

Unit 2 - La culture politique et artistique dans les pays francophones.

Unit 3 - L'immigration et la société multiculturelle française.

Unit 4 - L'Occupation et la Résistance en France.

## How is the course assessed?

You will learn in a variety of ways, including demonstrations, skills workshops, formal lessons and individual tuition. You will have your own online textbook as well as a paper version in class which will enable you to progress at your own pace. You will be expected to accurately self-assess some work.

There is also a programme of on-going and end of module tests. You will be able to complete and submit these online assessments and tests when you feel confident enough to do so but within the allocated time period. We organise a week's residential visit which is designed to improve your cultural knowledge as well as prepare you for your speaking exam.

Your final assessment at A level will be with the completion of three exams with AQA.

Paper 1 - Listening, reading and translation.

Paper 2 - Written responses to works and translation.

Paper 3 - Speaking.

## What is required to join the course?

You will need to have passed GCSE French at grade 4 or above.

## WHAT NEXT?

A level French could lead on to a language degree or a degree with a language component, typically a business-related, history or law degree. A language A level is highly regarded by university admissions tutors. Your linguistic skills are also highly prized by businesses in all sectors and are a valuable tool for securing employment. Recent A level French students from Netherhall School have gone on to study languages, law, medicine, maths, business, criminal psychology, the expressive arts, journalism and sport at university.

## Who should I ask to find out more?

Mr Watt or Mr Machard.

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# A Level - Geography

## What is it about?

The A level course with AQA covers both physical and human geography. In each area of study, students will consider their own attitudes and values, and will develop a variety of geographical skills which they will be encouraged to use with a greater degree of independence.

There are three units of study in year 12 and three units in year 13.

Content		Skills
Year 12	Water and carbon cycles.	Focused upon geographic presentation and analysis techniques.
	Resource security.	
	Changing places.	Students will begin a fieldwork investigation.
	Coastal systems and landscapes.	
Year 13	Global systems and global governance.	Students complete an individual investigation where they have to collect data from the field.
	Hazards.	The investigation is based upon a question or issue of their choice.

## Who can take this subject?

You should have achieved at least a grade 4 in geography at GCSE and also have a range of good GCSE passes. These would be at least grade 4's, especially in science subjects.

## What can I combine with this subject?

This A level combines well with most subjects as it can be classed as an arts or science subject.

## What can I do with this qualification?

Geographers are multi-skilled people and enter a wide variety of professions: University degrees in various types of geography (leading to either a BA or BSc), town and country planning, conservation work, any type of environmental work, civil service or local council employment e.g. housing, retail, IT, management and many others.

## WHO SHOULD I ASK TO FIND OUT MORE?

Mr Blades or Mr Wassell.

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# OCR Cambridge Technical Level 3 - Health and Social Care

## What is it about?

The health and social care level 3 is offered as a single or double award:

- Extended certificate (single award / 1 A level) - 360hrs.

This will cover 6 units - Equality & Diversity, Health & Safety, Anatomy & Physiology (all externally examined), Building Positive Relationships (compulsory coursework), plus two other optional coursework units from a choice of 8.

- Diploma (double award / 2 A levels) - 720hrs.

This will cover 12 units - the above 6, plus Person-Centred Care, Safeguarding (both externally examined), Infection Control (compulsory coursework) and an additional 3 optional units from a choice of 17.

All the coursework units will be divided into a range of assignments with clear pass, merit and distinction criteria to achieve. Students are able to sit each external exam a maximum of twice, either in the June of year 12, or the February or June of year 13.

## What is expected of me during the course?

Over the two years you will be expected to take a full and active part in all learning activities, including group projects, role plays, practical activities, presentations, independent learning and work experience placements in health and social care settings. All students would benefit from finding a long-term work experience placement (e.g. a morning or afternoon per week for the full year), rather than just the year 12 work experience week alone.

The accumulation of hours that a long-term placement would give will be valuable experience that could be used in UCAS applications, especially for social work, teaching or nursing. Although some time in lessons is given for typing assignments, students will be expected to do independent research and improvements in their study lessons. A commitment to doing your best in and out of class is essential.

There is a lot of written coursework to complete during the 2 years. All deadlines must be met, without fail, and students will be given the necessary help to achieve distinction in each coursework unit. Personal organisation and good time management are therefore vital. Grade 4 and above in English and biology will help with the maturity, quality and depth of writing required and the compulsory science content.

## What can I do with this qualification?

Level 3 qualifications in health and social care will prepare you for employment in a wide range of caring, medical and public service sectors and in higher education in general; however, the transferable skills learned will be useful in any employment, regardless of the sector.

All degrees at university accept this qualification in conjunction with other A levels or BTECs, and the final P, M, D & D\* grades are worth the same number of UCAS points as the academic grades E, C, A & A\*.

## Who should I ask to find out more?

Mrs Palmer or Miss Carter.

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# A Level - History

What is it about?	
<b>Unit 1</b>  <b>Britain: 1930 - 1997</b>	Part 1: Churchill 1930-1951: Churchill's view of events 1929-34. Churchill as wartime prime minister. Churchill and international diplomacy 1939-51.  Part 2: Britain 1951-1997: Conservative domination 1951-64. Labour and Conservative governments 1964-79. Thatcher and the end of consensus 1979-1997. Britain's position in the world 1951-1997.
<b>Unit 2</b>  <b>Democracy and dictatorships in Germany: 1919 - 1963</b>	Students examine the establishment and development of the Weimar Republic, leading to the rise of the Nazi party and Hitler becoming Chancellor in 1933.  There is then an explanation of the Nazi dictatorship and its domestic policies; the impact of war and defeat of Germany in 1945; and finally, a study of the divided nature of Germany, the Federal Republic and the DDR between 1949-1963.
<b>Unit 3</b>  <b>Thematic study and historical interpretations</b>	Rebellion and Disorder under the Tudors 1485-1603.  Students study the main causes of rebellion and disorder, the frequency and nature of disturbances, the impact of disturbances upon Tudor governments and the maintenance of political stability.  They will also complete depth studies on the Pilgrimage of Grace, the Western rebellion and Tyrone's rebellion.
<b>Unit 4</b>  <b>Historical Investigation</b>	A 3,500 word personal enquiry.

## What is expected of me during this course?

You must have at least a grade 4 in GCSE history to study this OCR A level history course.

## What can I combine this subject with?

History combines well with most subjects but is particularly popular with students studying English, geography and RS. History is also useful to those studying maths and sciences as it develops different skills.

## What can I do with this qualification?

History develops many skills that are essential for all types of further education, such as essay writing and research skills. At university it can be studied by itself and is particularly useful as part of business and law degrees.

## WHO SHOULD I ASK TO FIND OUT MORE?

Mr Barlow or Mr Bailey

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# OCR Cambridge Technical Level 3 - Introductory Diploma in IT

## What is it about?

Learners will be able to develop their core knowledge, skills and understanding of the IT sector, and develop further skills by completing a range of units through a pathway called emerging digital technology practitioner. Designed in collaboration with experts spanning the breadth of the sector, the Cambridge Technical in IT focuses on the skills, knowledge and understanding that today's universities and employers demand.

## What is expected of me during the course?

There will be five units to complete over two years. It is expected that students opting for this course will have a very good attendance history.

## The units you will have to study are;

- Unit 1 - Fundamentals of IT (80 mark written exam).
- Unit 2 - Global information (80 mark written exam).
- Unit 5 - Virtual and augmented reality (Coursework).
- Unit 8 - Project management (Coursework).
- Unit 17 - Internet of everything (Coursework).

## What can I combine this subject with?

It will combine well with all other subjects but particularly business studies, although this is not a necessary combination.

## What can I do with this qualification?

The qualification develops many skills that will prepare you for further education or employment. It is particularly useful for students interested in following a career as an IT infrastructure technician, emerging digital technology practitioner, application developer or data analyst.

## Who should I ask to find out more?

Mr Lister.

Netherhall Road, Maryport, Cumbria, CA15 6NT

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# A Level - Mathematics

## What is it about?

The A level mathematics course will build upon many of the ideas you have been studying at GCSE. You will develop a deeper understanding of topics such as algebra, trigonometry, differentiation and sequences and be introduced to new ideas such as integration proof and logs. This Edexcel course also covers content on statistics and mechanics.

## What is expected of me during the course?

You will need to have obtained at least grade 7 in mathematics at GCSE. The course is assessed at the end of 2 years by three externally examined papers, each worth 1/3 of the final marks.

- Paper 1 - Pure mathematics 1 (2 hours).
- Paper 2 - Pure mathematics 2 (2 hours).
- Paper 3 - Statistics and mechanics (2hours).

Calculators can be used in all of the exams, so it is advised to have an A level standard calculator throughout the course. A graphical calculator is recommended.

## What can I combine this subject with?

Maths combines well with all the sciences, geography, arts and languages.

## What can I do with this qualification?

University courses concerning or leading to accountancy, actuarial services (statistics/insurance), investment banking, civil service, teaching, diplomatic service, health service, government, public health, management, software design, telecommunications, environmental consultancy, medical research, surveying, engineering, cryptography (code writing/breaking), financial computing, medical statistician, weather forecasting, defence analysis, operational research, business management, mathematical/IT sciences, electronic and electrical engineering, micro-technology.

## Who should I ask to find out more?

Mr Williams.

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# A Level - Photography

## **What is it about?**

A level photography is an exciting course exploring a range of approaches, supported by contextual understanding. Throughout the course we will study portraiture, landscape and still life photography; however, students are encouraged to develop their own ideas in an original and exciting manner, providing them with the opportunity to gain new skills and develop existing ones. We strongly encourage students to develop their work through the use of Photoshop and prior knowledge of this is essential. There are two components to the course; one set by the student and one set by AQA. Prior to planning their own project, students will complete a range of smaller projects to help expand their understanding of a range of artists and processes.

The art department organises trips in the autumn term to Edinburgh to visit galleries, and the University of Cumbria to take part in printmaking workshops and life drawing, which photography students will also have access too. This enables students to experience a rich variety of historical and contemporary work, which will subsequently inform their own creativity. The course enables students to develop their skills in decision making, the ability to follow tasks through from conception to completion and to develop their potential when working independently.

## **What is expected of me during the course?**

You should have a good imagination and be able to develop your own ideas in a creative way and you should be happy to experiment with a range of materials and processes. A grade 4 in GCSE art or photography is essential. It is important to remember that a lot of work will need to be completed, not just in lessons, but in your own time too.

## **What can I combine this subject with?**

Photography combines with any subject, but in particular English, history and RE, which can help to develop the analytical and evaluative skills needed in photography.

## **What can I do with this qualification?**

A foundation art course, which is usually required before studying for any art based degree, or any art based course. This can lead to careers in fine art, illustration, photography, design, advertising, graphics or teaching.

## **Who should I ask to find out more?**

Mrs Stead

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# A Level - Physics

## What is it about?

1. Particles, quantum phenomena and electricity.
2. Mechanics and properties of materials and waves.
3. Practical skills – assessed practicals.
4. Waves, fields and further forces.
5. Nuclear physics
6. Option choice topic: astrophysics, medical physics, engineering or turning points

## What is expected of me during the course?

You will need to have achieved grade 6 in GCSE physics and also be studying A level maths in order to take A level physics with AQA. To be successful in physics you need to be well organised, complete all tasks set, be prepared to engage in wider reading and have a genuine interest in the subject. Assessment is by three exams at the end of the course and assessment of practical skills throughout the topics.

## What can I combine this subject with?

Physics combines best with maths, chemistry and/or biology.

## What can I do with this qualification?

A level physics is usually required for degree courses in mechanical and electrical engineering, pilot studies, design and architecture. Physics is also a distinct advantage for degree courses in medicine, veterinary science, sports science and law.

## Who should I ask to find out more?

Mrs Ferris-Worth

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# A Level - Religious Studies

## What is it about?

Have you ever wondered if life may not be entirely as it seems? Or questioned whether a good God can really exist with so much evil in the world? Or thought about whether humans do have such things as souls, free will or a conscience? Or how people come to decide what is right and wrong? And why people disagree so frequently in business, medicine and politics? This course will help you to explore various answers to these questions and to many, many more.

## How is it structured?

Your OCR A level in religious studies is divided into three linked sections.

### Philosophy of Religion

- Ancient philosophical influences.
- Arguments about the existence or non existence of God.
- The nature and impact of religious experience.
- The challenge for religious belief of the problem of evil.
- The nature of the soul, mind and body.
- The possibility of life after death.
- Ideas about the nature of God.
- Issues in religious language.

### Religion and Ethics

- Normative ethical theories.
- Ethical language and thought.
- Debates surrounding the significant ideas of conscience and free will.
- The influence on ethical thought of developments in religious beliefs and the philosophy of religion.

### Development in Christian Thought

- Religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world.
- Sources of religious wisdom and authority.
- Practices which shape and express religious identity, and how these vary within a tradition.
- Significant social and historical developments in theology and religious thought.
- Key themes related to the relationship between religion and society.

## What is expected of me during the course?

You should have achieved grade 4 in GCSE RS before considering taking this stimulating yet academically demanding course. Over the two years, you will be expected to take a full and active part in all learning activities both in class and in your own free time. A commitment to doing your best in and out of class is essential.

## What can I do with this qualification?

A level RS can lead to degrees in philosophy, religion and ethics, sociology or psychology as well as careers in any profession where understanding people's attitudes and behaviour is important e.g. teacher, lawyer, business manager, police etc.

## Who should I ask to find out more?

 Miss Barcock or Mrs Bishop.

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# OCR Cambridge Technical Level 3 - Sport and Physical Activity

## What is it about?

This qualification is for students who want to study sport, leisure or fitness. The OCR qualification is not just about being able to play sport, it will provide learners with the skills, knowledge and understanding to progress into higher education on a sport-related programme such as sport and physical education, sport science, sport coaching and development, or sport and leisure management.

## Your OCR course will be divided into 5 units:-

Two units will be exam based and assessed externally, while the other three units will be based around written and practical coursework.

Unit	Units	Assessment Type	Learning Hours
1	Body systems and the effects of physical activity.	External exam.	90
2	Sports coaching and activity leadership.	Internal assessment.	90
3	Sports organisation and development.	External exam.	60
4	Organisation of sports events.	Internal assessment.	60
5	Practical skills in sport and physical activities.	Internal assessment.	60

## What is expected of me during the course?

You will need to be to have a confident grasp of literacy, as much of the internally assessed work will be written coursework. You will need to have a practical activity based and sporty background, as you will need to demonstrate your sporting ability in 3 areas, including an individual sport, team game and outdoor adventure activity.

## What can I do with this qualification?

The OCR level 3 in sport and physical activity will prepare you for employment in various sectors, such as coaching and the leisure industry and will also help you move into higher education.

## Who should I ask to find out more?

Mr Fulton.

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# Netherhall School

*An Ambitious, Caring Community*



## Useful Information

Main School Reception - 01900 813434

Netherhall Community Sports Centre - 01900 813434 - Option 3

Email: [office@netherhall.cumbria.sch.uk](mailto:office@netherhall.cumbria.sch.uk)

School Website: [www.netherhall.cumbria.sch.uk](http://www.netherhall.cumbria.sch.uk)



*Students have considerable respect for their teachers because they believe their teachers are doing a great job.” - Ofsted, 2018*



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