



Ecclesfield
SCHOOL

Ecclesfield School
Year 9 Options Booklet
2023

Red Pathway

Work Hard

Be Kind

Aim High

Show GRIT

Table of Contents

Table of Contents.....	2
The Options Process: Information for Parents	3
GCSEs – Progress Measure Explained	4
Qualifications and Courses Explained	5
List of Qualifications Available	6
Advice for Students about Options	7
Post 16 Pathways.....	8
Routes after GCSE.....	9
Who can help me with my Choices?	10
Post-16 Career Progression	10
Pathways at Ecclesfield School	10
Compulsory Core Subjects	11
Option Subjects	11
Subject Descriptions.....	12
Art, Craft and Design	12
Art and Design (Photography)	13
Combined Science	14
Computer Science	15
Information Technology	16
Engineering Manufacture	17
English Language	18
English Literature	19
Business.....	20
French	21
Geography.....	22
German.....	23
Health & Social Care.....	24
History	25
Hospitality and Catering (Food Technology)	26
Mathematics	27
Music Practice	28
Performing Arts.....	29
GCSE Physical Education	30
Religious Studies	31
Spanish	32
Sports Science	33
Statistics.....	34
Triple Science – (Biology, Chemistry, Physics)	35
Red Pathway Option Form	36

The Options Process: Information for Parents

Dear Parent/Carer

In September 2024, your child will be starting Key Stage 4 and will begin a two year programme of study, which will lead to a range of nationally recognised qualifications.

This booklet will give you information about the subjects that will make up this two year programme of study. The separate subject booklet contains information about the different types of qualifications which are on offer and the core subjects that all students must study.

Parents, students and school staff all play a part in choosing options. We advise parents and carers to take time to sit and discuss the information in this booklet with their child to make sure that the most appropriate choices are made.

The Y9 Pathways & Options Evening in November will allow you to discuss possible subject choices, suitable pathways for your child and to meet careers advisors, teachers and course leaders from the optional subjects the school has to offer.

The key dates and deadlines for the Option process are as follows:

- 16th November 2023 Y9 Parents' Evening
- 23rd November 2023 Y9 Options Evening for students and parents
- November – December 2023 Series of Options assemblies and info sharing in lessons
- January 2024 Options Interviews start (an opportunity for students to discuss their thoughts and for us to identify any students who may need more support in making their choices)
- 7th February 2024 Deadline to return Options Form to Form Tutor
- Easter 2024 Option choices sent to parents

A copy of the Option Choice Form is available in the back of this booklet; additional copies will also be available on the school website. All students must complete the Option Choice Form and return it to their Form Tutor by **7th February 2024**.

We do our best to ensure that each student is allocated their choice of options but this depends on the numbers opting for each subject and the availability of teaching staff. *Please note, we are unable to run groups that are too small to be viable (the minimum group size is 15).*

You will need to put down reserve choices on the Option Form to help us allocate a subject to your child if their first choice is not available. **Please list subjects in order of preference.**

Should any problems arise with the choices made by your child we will contact you to discuss this and suggest possible solutions.

If at any time you have questions about Key Stage 4 courses, or the options process, please contact school. We will do our best to help you.

Yours sincerely,

Emily Martin
Assistant Head teacher

GCSEs – Progress Measure Explained

From 2015, a new examination outcomes measure called **Progress 8** was introduced to schools. This is a headline for whole school student outcomes. It recognises individual subject success for students showing progress made from their end of Y6 starting point (a scaled score for English Reading and Maths) through to their final examination outcome. Progress 8 will measure the progress students make over their best 8 subjects studied at Key Stage 4, even though they may take examinations in more than 8 subjects. Students will leave school with a Progress 8 and Attainment 8 score. **Attainment 8** being the average of the best 8 actual grades they achieve.

The **English Baccalaureate** (Ebacc) consists of English, Maths, Sciences, Geography or History and a Language. Computer science is also considered to be an EBACC subject.

In order to ensure maximum attainment and future opportunities for all of our students we have designed our curriculum so that it meets the Government requirements for Progress 8, for which there are 8 'Buckets' to fill with 8 individual subjects.

A visual representation of the 'buckets' is shown below:



**Higher score of English Language or English Literature double-weighted if a student has taken both qualifications*



Qualifications and Courses Explained

The qualifications offered at Key Stage 4 will give your child the opportunity to choose a range of learning experiences, which motivates them, challenges them and gives them the knowledge, skills and understanding they need to succeed in education, work, and life. All qualifications fit into a national framework understood by colleges and employers.

GCSE (General Certificate of Education)

GCSEs generally involve studying the theory of a subject, which has a final assessment through a terminal exam at the end of Year 11. Some subjects require a student to sit 3 separate papers. Some GCSEs, however, may be a combination of coursework and practical assessments.

All GCSE's are graded from 1 (the lower grade) to 9 (the higher grade). The grid below shows the Vocational/BTEC equivalencies for grading of the new GCSEs:

GCSE grading	Vocational/BTEC
9	Level 2 Distinction*
8	Level 2 Distinction
7	Level 2 Merit
6	
5 (strong pass) 4 (standard pass)	Level 2 Pass
3	Level 1 Distinction
2	Level 1 merit
1	Level 1 Pass

Vocational courses

BTEC qualifications are vocationally related qualifications, which cover various work areas. These courses are mainly coursework based but all will include some element of external assessment or test.

Level 2 qualifications are graded at Pass, Merit, Distinction and Distinction* which are broadly equivalent to GCSE grades 9-4. Level 1 qualifications are equivalent to GCSE grades 1-3.

List of Qualifications Available

[GCSE Art, Craft & Design](#)

[GCSE Art & Design Photography](#)

[GCSE Business](#)

[GCSE Combined Science](#)

[GCSE Computer Science](#)

[Cambridge National L1/L2 Certificate in Engineering Manufacture](#)

[GCSE English Language](#)

[GCSE English Literature](#)

[GCSE French](#)

[GCSE Geography](#)

[GCSE German](#)

[Cambridge National L1/L2 Certificate in Health and Social Care](#)

[GCSE History](#)

[WJEC L1/L2 Award in Hospitality & Catering](#)

[Eduqas L1/L2 Tech Award in Information Technology](#)

[GCSE Mathematics](#)

[BTEC L1/L2 Tech Award in Music](#)

[BTEC L1/L2 Tech Award in Performing Arts](#)

[GCSE Physical Education](#)

[GCSE Religious Studies](#)

[GCSE Spanish](#)

[Cambridge Nationals L1/L2 Certificate in Sport Science](#)

[GCSE Statistics](#)

[GCSE Triple Science \(Biology, Chemistry, Physics\)](#)

Advice for Students about Options

Good information is the key to making successful choices:

- You need to think very carefully about which subjects you enjoy and which ones you are good at.
- You need to get as much information as you can and ask for advice from your parents/carers and teachers.
- You need to think about your future career and your longer-term plans.
- We hope that you will be able to take your chosen courses, though we cannot of course, guarantee this.

Please choose a subject because:

- You have thought clearly about everything.
- You have done your research, especially about new subjects and qualifications.
- You know what the subject and assessment process involves.
- You are good at the subject, you like it or have a talent for it.
- You have considered your best way of working and learning. Some students prefer practical work or work-related learning, some prefer end of course exams, and others prefer regular continuous assessments.

Please do not choose a subject because:

- You like or dislike a teacher.
- Your friends are doing it.
- You think that it will be an easy subject.

The Pathway & Options Evening on **23rd November** will explain the Options process in more detail and help familiarise you with some of the new subjects.

If in doubt, ask for help and support from your subject teachers, Form Tutor or a member of the Pastoral team.

During the Options process, you will receive an interview with a senior member of staff. Here you will have an opportunity to discuss your future plans.

PLEASE NOTE: All courses, particularly those included in the GCSE and Vocational (BTEC) Option sections are subject to changes as a direct result of governmental reforms. In addition, all courses are subject to a minimum number for viability; a minimum of 15 students are needed in order for a group to be viably run.

Post 16 Pathways

The table below highlights some examples of the recommended subject choices for different career pathways. The recommendations below are based on The Sheffield College career guidance. These should be considered in conjunction with research into University and employment routes. Students will be able to gain more knowledge of career routes and relevant subject choices during subject presentations, options interviews and at the Pathways & Options Evening.

	Progression Pathways	Post-16 Subjects You Need	Other Suggested Subjects	Recommended GCSE and Level 2 BTEC Course Choices
STEM (Science, Technology, Engineering, Maths) (Any students wishing to pursue medical, veterinary or dentistry routes must have at least two strong grades in Science)	Engineering	Maths, Physics	Chemistry, Computing, Electronics, Further Maths, Product Design	Triple Science Engineering manufacture Computer Science MFL
	Medicine & Dentistry	Biology, Chemistry	Maths, Physics, Psychology	Triple Science MFL
	Veterinary	Biology, Chemistry	Maths, Physics, Psychology	Triple Science MFL
	Allied Medical Professions	Dependant on role	Biology, Chemistry, Health & Social Care, Philosophy & Ethics, Psychology, Sociology, Sport / Sport & Exercise Science	Triple Science PE or Sport Science Health and Social Care MFL Performing Arts/Art
Enterprise & Legal Professions	Enterprise & Accounts	Dependant on role	Accounts, Enterprise, IT, Maths	Computer Science Business MFL
	Law & Politics	Dependant on role	Enterprise, English Language, Gov't & Politics, Geography, History, Philosophy & Ethics, Psychology, Sociology	Geography History Business MFL
	Retail & Marketing	Dependant on role	Accounts, Enterprise, IT, Maths, Psychology	Business Computer Science MFL
	Events Staging & Management	Dependant on role	Enterprise, Electronics, Media, Theatre Studies, Travel and Tourism	Performing Arts/Music Business Art MFL Hospitality & Catering
Professional Studies / Social Sciences	Teaching	Select at least one Curriculum Subject	Biology, English, Geography, Health & Social Care, History, Maths, Sociology	Health and Social Care Science History Geography PE or Sport Science MFL
	Geography & Environmental	Geography	Biology, Chemistry, Gov't & Politics, Product Design, Sociology	Geography Engineering MFL
	Journalism, English & Media	English Language	English Lit, Film Studies, Gov't & Politics, Geography, History, Media, Photography, Theatre Studies	Geography History Business IT Drama/Music MFL
	Research	Dependant on role	English, Geography, History, Philosophy & Ethics, Sociology	Geography History Health and Social Care Computer Science MFL
	Psychology, Criminology & Forensics	Chemistry and /or Psychology	Biology, Health & Social Care, Sociology	Triple Science Health and Social Care MFL
Creative Arts & Digital Media	Creative and Performing Arts	Dependant on role	Dance, History, English, Film Studies, Media, Music, Textiles, Theatre Studies	Performing Arts/Music Art/Photography History MFL
	Creative & Digital Media	Dependant on role	Art / Graphics or Photography, English, IT, Music, Media, Textiles	Art/Photography Computer Science IT Music MFL

Routes after GCSE

Options after GCSE:	Options after sixth form:	Options after Higher education:	Strengthen job applications with:
Full time study	Full time study	Full time study	Work experience
A levels	University	Postgraduate study e.g Masters degree or PHD	Volunteering
T Levels	Higher technical skill courses e.g. foundation degree, HNC/Ds	Work / work and study	Travel/gap years
BTECs	Work and study	Graduate Jobs or paid employment	Hobbies and Interests demonstrating soft skills
Other technical qualifications	Apprenticeships (levels 3-7)	Apprenticeships (levels 6-7)	Academic enrichment opportunities
Exam retakes	School leaver programmes / Internships / Traineeships	Internships / work experience	Testimonials and references
Work and study	Work	Non-paid employment / volunteering	
Apprenticeships (levels 2-3)	Employment	Start a business	
Supported internships	Start a business	Other	
Traineeships	Other	Gap Year	
	Gap Year	Other	
	Exam retakes	Gap Year / travel	

Source: theparentsguideto.co.uk

Your child does not need to know exactly what they want to do Post 16 at this stage, but it may be useful to some to start to explore this now, and use this to help guide the options they choose for their GCSEs.

Post 16, the main options for your child is for them to continue in full time education or take an apprenticeship/ training. They cannot go into the workplace without some educational component to the role. Things they should consider are the type of qualification they are going to study; what type of learning suits them best (classroom or practical); and what they enjoy. Options can include:

1. A Levels
2. BTEC Nationals – study takes place over 2 years and is a combination of practical and theory. Knowledge is tested through coursework and a final examination (comprising 40% of the total grade).
3. T Levels – a vocational alternative to A levels and involve a mix of classroom learning (about 80%) and practical experience (about 20%) including a 45 day on-the-job placement in a genuine business.
4. Apprenticeships - real jobs which include learning elements which might take place at university, college or an education provider. Apprenticeships were developed to help address the skills shortage in UK businesses. Sixteen-year-olds can start an apprenticeship at Level 2/3.
5. Supported Internships - Internships are usually short-term arrangements without a formal qualification. They do offer an insight into business, networking opportunities, the possibility of job offers afterwards and the ability to learn practical, transferable skills.
6. Traineeships - short-term work placements lasting up to a maximum of six months. The work experience element includes at least 100 hours on the job training to help provide the necessary experience to undertake apprenticeships or other employment.
7. Other technical qualifications - include Cambridge Technicals, City and Guilds, National Vocational Qualifications and Tech Bac (similar to the International Baccalaureate). They are vocational driven courses – i.e. centred around jobs and are well suited to students who prefer a more practical working style but still want to include classroom learning in their education.

Who can help me with my Choices?

There are many people who will help you with the decisions you need to make. Your aim at the end of this process is to have chosen a programme of study that includes a variety of subjects relevant to your future aims and aspirations.

Remember to look at subjects that you will enjoy. If you have strong career interests at this stage, you will need to identify the subjects that you will need to enter that career. If you have not considered careers yet, you will need to make choices that do not limit your career choices later on.

Subject Teachers

Once you have read through this booklet, talk to the teachers of the subjects you are interested in and use the resources available on the school website.

Careers Advisor

Ms L Cassell can give you more details about Post-16 pathways that you may be interested in and will advise you on appropriate option choices.

Post-16 Career Progression

You may or may not have started to consider the career pathways you are interested in. The following information may be helpful if you are interested in planning towards a particular career.

As the competition for Post-16, Sixth Form and University places increases, the option choices you make for your GCSEs can impact on the options you are able to access later on in education.

The pathway table pulls together combinations of Post-16 subjects that are most sought after for particular university courses (as researched by The Sheffield College). You will find recommended GCSE course options linked to each pathway to help guide you in your selections. The UCAS.com website also provides useful information regarding career paths and higher education pathways and the subjects required from GCSE and Post-16 level.

Pathways at Ecclesfield School

There are different pathways available to students at Ecclesfield School. Each Pathway offers your child an opportunity to be challenged and to achieve.

Why the Red Pathway?

The Red Pathway (Ebacc with Combined Science), has been designed for students who have the academic profile to achieve well in a combination of Humanities, a Language and some practical subjects. It recognises the preferred GCSE qualifications for Post-16 and training, Higher Education progression including Level 3, A-level and University study.

Compulsory Core Subjects

All students on the Red Pathway are required to study the following compulsory core subjects:

- English Language & Literature
- Mathematics
- Current Language studied
- Either Geography Or History (compulsory Humanity)
- Physical Education (core)
- PSHCE
- Religion, Philosophy and Ethics (core)

Option Subjects

The table below highlights the range of option choices available for students in addition to the compulsory core subjects.

Compulsory examined subjects including language that you are currently studying	Compulsory non-examined subjects	Compulsory Humanities, choose one of the following subjects	Option 1 Choose one of the following subjects	Option 2 Choose one of the following subjects
English Maths Combined Science Spanish or French or German	PE (core) PSHCE RPE (core)	Geography or History	Art Business Computer Science Engineering Health & Social Care Hospitality & Catering Information Technology Music PE Performing Arts Photography Religious Studies Statistics Triple Science Sports Science	Art Business Computer Science Engineering Health & Social Care Hospitality & Catering Information Technology Music PE Performing Arts Photography Religious Studies Statistics Triple Science Sports Science

Subject Descriptions

Art, Craft and Design

Exam board: Course title: Grading:	AQA GCSE Art, Craft and Design 1-9
Links to other subjects	English, Maths, Technology, History, Media, ICT.
What will you learn on this course?	Art and Design is a practical subject area, which requires the application of knowledge, understanding, experimenting with media, planning, producing artwork and evaluating it. The course will focus upon looking at Artists, art processes and the exploration of materials and media using a variety of techniques ranging from drawing, painting, photography, mixed media, Photoshop, clay, textiles, 3D and printing. During the course students will produce a portfolio of two areas of themes to show their exploration journey, highlighting the skills they have learned, cumulating with a Final outcome based around those themes.
Skills that you will require to do this course	The course requires students to be independent, original and creative whilst developing, experimenting with a range of media then annotating their ideas and development. Students should have a sound understanding of a range of Art skills at KS3 and be capable of applying their knowledge and understanding in order to produce creative Artwork.
Assessment details	Coursework constitutes 60% of the total GCSE and is based on continual assessment (based on two Units). Working on this from the beginning of Year 10 through to December Y11. Coursework deadline is Christmas of Year 11. Control Test constitutes 40% of the total GCSE and is based on preparation from Year 11, January to April in lessons. The final outcome is produced during a ten hour controlled conditions exam. <u>There are 4 Assessment Criteria (each marked out of 24). The details of which are below:</u> <u>AO1:</u> Develop ideas through studying other Artists (Artist links) with continual annotation. <u>AO2:</u> Developing of ideas through experimentation and exploring a range of media (showing reflection and annotation throughout). <u>AO3:</u> Produce a range of drawings that show your intentions (ideas & observations). <u>AO4:</u> Produce a final outcome(s) that clearly shows a link with Artists and planning. This must show a clear 'joined up journey' through written reflections and observations throughout.
What can this course lead to?	A-Levels in Art and Design, Photography, Textiles, Ceramics, 3D, Fashion Design, Graphic Design, Architecture, Interior and Product Design. BTEC Level 2 Diploma Visual Arts, BTEC Level 3 Art and Design or Creative Digital Media Production, Games Design (Concept Art and Character Design)
You need to...	Be interested in art and creativity. The GCSE for Fine Art and Design in terms of course work (60%), focuses on two project journeys. Each journey needs to include the assessment areas above Artists research, experimenting with media, ideas and planning and a final outcome. The Final exam (40%) is another journey that also includes the assessment areas above Artists research, experimenting with media, ideas and planning and a final outcome.
Notes	As you may appreciate, this is a very expensive course to run and we do ask that students contribute to the cost of art materials and sketchbooks. This allows us to provide a good range of art resources and the materials students require to complete the course at a good standard. <u>Revision Guides and Resources to support learning at home:</u> http://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-420 <u>Useful Websites:</u> http://artuk.org/# https://kids.tate.org.uk/ http://www.accessart.org.uk/ http://www.bbc.co.uk/schools/gcsebitesize/art/
Staff for first contact	LSilcock@ecclesfield-mlt.co.uk Mrs L Silcock -Curriculum Leader for Art and Photography CWhitehouse@ecclesfield-mlt.co.uk Mrs C Whitehouse – Lead Teacher for Art

Art and Design (Photography)

Exam board: Course title: Grading:	AQA GCSE Art and Design Photography 1-9
Links to other subjects	English, Maths, Technology, Media, ICT, Geography, History
What will you learn on this course?	<p>Photography requires the application of knowledge, understanding, use of ICT, experimenting with media, planning, producing artwork and evaluating it through written annotations.</p> <p>The course will focus upon looking at Artists, Photography and processes exploration of media using a variety of techniques ranging from photography, mixed media, Photoshop, iPads, apps and printing techniques.</p> <p>During the course students will produce a portfolio of two/three areas of themes to show their exploration journey, highlighting the skills they have learned, cumulating with a Final outcome based around those themes.</p>
Skills that you will require to do this course	<p>The course requires students to be independent, original and creative whilst developing, experimenting with a range of ideas then annotating their findings and development.</p> <p>Students show have a sound understanding of Art skills at KS3 and be capable of applying their knowledge and understanding in order to produce creative Artwork.</p>
Assessment details	<p>Coursework constitutes 60% of the total GCSE and is based on continual assessment (based on two Units). Working on this from the beginning of Year 10 through to December Y11. Coursework deadline is Christmas of Year 11.</p> <p>Control Test constitutes 40% of the total GCSE and is based on preparation from Year 11, January to April in lessons. The final outcome is produced during a ten hour controlled conditions exam.</p> <p>There are 4 Assessment Criteria (each marked out of 24). The details of which are below: <u>AO1</u>: Develop ideas through studying other Artists (Artist links) with continual annotation. <u>AO2</u>: Developing of ideas through experimentation and exploring a range of media (showing reflection and annotation throughout). <u>AO3</u>: Produce a range of drawings that show your intentions (ideas & observations). <u>AO4</u>: Produce a final outcome(s) that clearly shows a link with Artists and planning. This must show a clear 'joined up journey' through written reflections and observations throughout.</p>
What can this course lead to?	<p>A-Levels in Art and Design, Photography, Fashion Design, Graphic Design, Architecture, Interior and Product Design.</p> <p>BTEC Level 2 Diploma Visual Arts, BTEC Level 3 Art and Design or Creative Digital Media Production, Games Design (Concept Art and Character Design)</p>
You need to...	<p>Be interested in art and creativity.</p> <p>The GCSE for Photography in terms of course work (60%), focuses on two/three project journeys. Each journey needs to include the assessment areas above Artists research, experimenting with media, ideas and planning and a final outcome. The Final exam (40%) is another journey that also includes the assessment areas above Artists research, experimenting with media, ideas and planning and a final outcome.</p>
Notes	<p>As you may appreciate, this is a very expensive course to run and we do ask that students contribute to the cost of sketchbooks and materials. This allows us to provide a good range of art resources and the materials students require to complete the course at a good standard.</p> <p><u>Revision Guides and Resources to support learning at home:</u> http://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-420 <u>Useful Websites:</u> http://artuk.org/# https://kids.tate.org.uk/ http://www.accessart.org.uk/ http://www.bbc.co.uk/schools/gcsebitesize/art/</p>
Staff for first contact	<p>LSilcock@ecclesfield-mlt.co.uk Mrs L Silcock -Curriculum Leader for Art and Photography JLindley@ecclesfield-mlt.co.uk Miss Lindley – Lead Teacher Photography</p>

Combined Science

Exam board: Course title: Grading:	AQA GCSE Combined Science New GCSE Grades 9-1
Links to other subjects	Maths, English, Geography, History, Physical Education and Design & Technology
What will you learn on this course?	Combined Science is offered to all students who have not chosen Triple Science as an option. The course focuses on scientific explanations and models, and gives students an insight into how scientists develop scientific understanding of ourselves and the world we inhabit.
Skills that you will require to do this course	The course requires students to be independent, have good maths skills and practical skills. Students should have a sound understanding of all basic concepts covered in GCSE from KS3 science lessons and be capable of applying their knowledge and understanding in order to be successful in KS4 science.
Assessment details	Combined Science is assessed using external terminal exams at the end of year 11 which will represent 100% of the final grade. There is no coursework aspect of the course The Combined Science GCSE will include 6x1 hour 15 minute exams. Each exam is worth 16.7%. Two exams for Biology, Chemistry and Physics in total. Both courses will include exam questions which are a mixture of multiple choice, structured, closed short answer, and open response questions.
What can this course lead to?	Science A levels, L3 BTEC Applied Science, L3 Engineering, Any vocational science based course. Ask teachers for more info.
You need to...	Be inquisitive, ask deep meaningful questions about the inner-workings of the world around us and debate ethical and issues of new and controversial solutions to real world problems. With the development of Social Media and the spread of Fake News it is becoming more important than ever that we question the reliability of the things we encounter. The new GCSE Curriculum is focussed on getting students to develop their own understandings of the world around them and to develop their own evidence and understandings based on reliable sources and valid scientific data. Students will be required to ask Scientific questions and to design investigations which would produce valid data to support or disprove important questions and hypothesis.
Notes	Combined Science GCSE is a compulsory course to be taken by any student that does not choose to take Separate GCSE Sciences if invited
Staff for first contact	Mrs Wardle lwardle@ecclesfield-mlt.co.uk Curriculum Leader Mr Hemingway lhemingway@ecclesfield-mlt.co.uk Lead Teacher Mr Darby tdarby@ecclesfield-mlt.co.uk Lead Teacher Mrs Buckley lbuckley@ecclesfield-mlt.co.uk Lead Teacher Mrs Tasker rtasker@ecclesfield-mlt.co.uk Assistant Headteacher

Computer Science

Exam board: Course title: Grading:	OCR GCSE Computer Science 9-1
Links to other subjects	Maths, English and Geography
What will you learn on this course?	<p>You will learn about computer systems. This includes systems (CPU) architecture, memory and storage, computer networks, system security and ethics, morals and the law.</p> <p>You will also study computational thinking, algorithms and programming. This will include writing programs to solve problems. Writing and understanding key algorithms and understanding how computers represent and understand data. The course will look and understand Boolean logic using the words and, or and not.</p>
Skills that you will require to do this course	<p>A keen interest in how computers work.</p> <p>An understanding of mathematics, average, perimeter and area calculations.</p>
Assessment details	<p>Computer Systems Exam 50%</p> <p>Computational Thinking, Algorithms and Programming Exam 50%</p>
What can this course lead to?	<p>Any job/course in computer science, ICT, design, engineering, mathematics, science, games design, music and anything else you could think of. Computer science is both the present and the future of every industry currently known and not yet created.</p> <p>Part of what made the Macintosh great was that the people working on it were musicians, poets, and artists, and zoologists, and historians. They also happened to be the best computer scientists in the world. But if it hadn't been computer science, these people would have been doing amazing things in other fields.</p>
You need to...	Have a keen interest in how computers work and a passion for learning more. You will need to show GRIT throughout the course and have independent learning skills.
Notes	The majority of work is completed digitally and computer rooms are made available and breaks, lunch and afterschool. Work can be completed at home if you have a computer.
Staff for first contact	Mr T Wright, twright@ecclesfield-mlt.co.uk Curriculum Leader

Information Technology

Exam board: Course title: Grading:	Eduqas Level 1/2 Vocational Award in ICT (Tech Award) L2 Distinction * - L1 Pass
Links to other subjects	Maths, English, Business, Computer Science
What will you learn on this course?	<p>The Vocational Award in ICT has been designed to support learners in schools who want to learn about this vocational sector and the potential it can offer them for their careers or further study. It is most suitable as a foundation for further study. This further study would provide learners with the opportunity to develop a range of specialist and general skills that would support their progression to employment.</p> <p>The applied purpose enables learners to learn in such a way that you develop:</p> <ul style="list-style-type: none"> • Image Editing • Databases • Spreadsheets • Mail Merge • ICT in Society
Skills that you will require to do this course	<ul style="list-style-type: none"> • Enjoy coursework rather than exams • Can communicate their knowledge to others • Can work independently • Want an introduction to ICT in society • Would like to work in ICT or similar • Can work to deadlines and has good attendance in school
Assessment details	Unit 1 exam 40% Unit 2 coursework – 4 tasks 60%
What can this course lead to?	ICT, Computer Science, Business, Administration, Data
You need to...	Have an interest in ICT and data
Staff for first contact	Mr J Firth jfirth@ecclesfield-mlt.co.uk Lead teacher Mr T Wright twright@ecclesfield-mlt.co.uk Curriculum Leader

Engineering Manufacture

Exam board: Course title: Grading:	OCR Engineering Manufacture Cambridge Nationals Level 2
Links to other subjects	Science, Maths & Design Technology
What will you learn on this course?	<p>The OCR Level 2 in Engineering Manufacture has been designed to develop students' understanding of the processes involved in transferring a design concept into a product. They apply their knowledge and skills by operating manufacturing equipment following a design specification, using tools such as CAD/CAM. It is broken in to three aspects:</p> <p>RO14: Principles of Engineering Manufacture In this unit you will learn about the different types of manufacturing processes, the materials that can be used to manufacture products using these processes, and the factors to be considered when determining the manufacturing requirements of an engineered product. You will consider the different types of manufacturing process that are typically used in engineering, using specific examples of each process type. The engineering materials include ferrous and non-ferrous metals, polymers, ceramics, composites, and smart materials. You will understand how the properties of these materials relate to their manufacturing characteristics. In addition you will also develop an understanding of some of the current developments in engineering manufacture.</p> <p>RO15: Manufacturing a one-off product In this unit you will learn to identify the information required to make a product, plan the production of a product and carry out risk assessments for the processes, tools and equipment needed to produce a product in small quantities. You will also learn how to select and safely use the equipment, processes and tools required to mark out, measure and manufacture a product in small quantities, using a range of handheld equipment and conventional (non-Computer Numerical Control (CNC) machining methods.</p> <p>RO16: Manufacturing in quantity In this unit you will learn how to manufacture and use simple jigs and templates to support manufacturing in volume. By using CAD software you will learn about the information needed to facilitate manufacture, and apply this in order to program Computer Numerical Control (CNC) equipment. In addition, you will learn how to set up and operate the CNC equipment and monitor the quality of the manufactured products.</p> <p>YEAR 10 COURSE CONTENT In Y10 students will be expected to complete the RO15 Unit where their Practical skills will be developed on a variety of engineering machinery and hand tooling. Alongside this they will develop their knowledge of the fundamentals of engineering for the RO14 unit (examination unit). This finalises in the first external exam at the end of Y10 to be continued into Y11 for a first and final exam. We ask that a contribution of £10 be made for the use of materials and equipment within GCSE coursework.</p>
Skills that you will require to do this course	Students need to have a keen interest in Engineering and all of its elements. Students need to be independent and happy to work with a wide range of machinery and tools. Students must be confident in producing and have good planning and documentary skills.
Assessment details	Internally assessed documented practical = 60% Externally assessed Exam = 40 %
What can this course lead to?	It opens the doors to jobs within the engineering industry, apprenticeship. Students will also improve hand skills leading to trade jobs possibly.
You need to...	<p>Students will need to be enthusiastic to understand the world of Engineering. The course will drive students to learn new and emerging technologies alongside developing their hand skills and engineering abilities.</p> <p>Student will be rigorously challenged throughout the course to think and develop their personal skills and knowledge. We do have a number of local engineering companies that students will visit on trips leading to possible apprenticeships.</p>
Notes	As you may appreciate, this is a very expensive course to run and we do ask that students contribute to the cost of materials. This is a one off cost and allows us to provide state of the art resources and the majority of materials students require.
Staff for first contact	sblashill@ecclesfield-mlt.co.uk Curriculum Leader achambers@ecclesfield-mlt.co.uk Lead Teacher on Engineering

English Language

Exam board: Course title: Grading:	AQA GCSE English Language 8700 GCSE Grades 1-9
Links to other subjects	Geography and History
What will you learn on this course?	<p>Over the GCSE course, you will learn to read, understand, analyse and evaluate a range of different texts types and genres from the 19th, 20th and 21st centuries. You will then apply this knowledge to help you develop your creative and transactional writing skills.</p> <p>You will explore a range of fiction and non-fiction texts and learn how to analyse the writer's use of language and structure to create specific effects and then evaluate the impact and success of the writer's choices. When reading and analysing non-fiction texts you will also analyse how the writer uses language to convey their opinions.</p> <p>You will learn to write creative and transactional texts, thinking carefully about how to adapt your writing style to suit different purposes, audience and forms.</p> <p>You will also practise speaking in a range of different circumstances – individual presentations, class discussions and debates and working in small groups to reach conclusions.</p>
Skills that you will require to do this course	<p>You will need to be able to retrieve relevant information from a text, analyse and evaluate how language and structure creates meaning. You will need to be creative and thoughtful when producing written tasks.</p> <p>You will need to be able to work independently and as part of group, including taking part in class discussions.</p> <p>You will need to complete Home Learning and revision tasks independently to develop your understanding of the content and ability to use the skills needed to pass this qualification.</p>
Assessment details	<p>You will complete two examination papers at the end of the course.</p> <p>GCSE English Language Paper 1: Fiction analysis and Creative Writing GCSE English Language Paper 2: Non-Fiction analysis and Transactional Writing</p>
What can this course lead to?	A good grade at GCSE English will allow you to continue a range of subjects post-16 and is often a requirement for most post-16 courses and career paths.
You need to...	<ul style="list-style-type: none"> • participate in lessons and engage in discussion • engage with a range of text types • take risks and be creative in your writing
Notes	
Staff for first contact	Your English teacher Astevens@ecclesfield-mlt.co.uk , Curriculum Leader for English

English Literature

Exam board: Course title: Grading:	AQA GCSE English Literature 8702 GCSE Grades 1-9
Links to other subjects	Geography and History
What will you learn on this course?	Over the GCSE course, you will read texts from the literary canon and explore the impact they have had on later texts, contemporary attitudes and social reform. You will be taught to read, understand, analyse and evaluate a range of different text types by exploring how the writer uses language and structure to explore a range of themes and contexts.
Skills that you will require to do this course	You will need to be able to retrieve relevant information from a text, analyse and evaluate how language, structure and form creates meaning. You will need to be able to make links between a text and the period in which it was written. You will need to be able to work independently and as part of group, including taking part in class discussions.
Assessment details	You will complete two examination papers at the end of the course. Literature Paper 1: Macbeth and A Christmas Carol You will be asked a thematic or character question on each text You will be given an extract to analyse but will need to show a deep understanding of the whole text. Literature Paper 2: An Inspector Calls, Poetry Anthology and Unseen Poetry You will have a choice of two question on An Inspector Calls, a comparison question on the Anthology and the last question requires you to analyse a poem you will be unfamiliar with.
What can this course lead to?	A good grade at GCSE English will allow you to continue a range of subjects post-16.
You need to...	<ul style="list-style-type: none"> • participate in lessons and engage in discussion • engage with a range of text types • explore the text's contexts
Notes	All students will be required to purchase copies of the examination texts so that they can annotate them in lessons and use them for revision in the run-up to exams.
Staff for first contact	Your English teacher astevens@ecclesfield-mlt.co.uk Curriculum Leader for English

Business

Exam board: Course title: Grading:	OCR GCSE Business 9-1
Links to other subjects	Maths, English, ICT
What will you learn on this course?	<ul style="list-style-type: none"> • Marketing, including advertising, development of products, setting the best price. • Recruitment, including how businesses get the right staff and keep them working well. Business structures, including the different ways to set up a business. • Finance, including how businesses get the money to set up and operate and how they make a profit. • Business operations, including how businesses produce the things we buy. • Influences on businesses, including the environment and how many businesses are operating around the world.
Skills that you will require to do this course	You will be able to understand the business world which you will enter after finishing school/college/university. You will be able to make informed decisions and put forward arguments to persuade others. You will have the knowledge to help you set up a business of your own. The skills you learn such as evaluation and problem solving will be useful in several other subjects.
Assessment details	<p>Your assessment will be two exams at the end of the course, each 90 minutes long. There is no controlled assessment (coursework).</p> <p>Some questions will be multiple choice. As well as this, some questions will be extended writing to test your ability to explain why you made a particular decision.</p> <p>You will also be tested on your comprehension skills when analysing a piece of text.</p>
What can this course lead to?	Business can lead on to many vocational qualifications and is a good stepping stone for you in A Level subjects, especially economics, accountancy and of course A Level Business.
You need to...	Have an interest in Business whether that is setting up your own or how larger businesses work. Have the ability to learn something brand new as this is one of the only subjects you have not studied at KS3.
Notes	This is a practical course, using real businesses as examples, you will learn skills to help you in decision making and be one step ahead in understanding how businesses operate
Staff for first contact	Mr S Khan skhan@ecclesfield-mlt.co.uk Curriculum Leader

French

Exam board: Course title: Grading:	AQA GCSE French New GCSE Grades 9-1
Links to other subjects	English, Geography and History
What will you learn on this course?	GCSE French combines linguistic knowledge with cultural understanding of French speaking countries. Students will develop their Listening, Reading, Writing and Speaking skills through the study of a variety of contemporary themes such as new technology and social issues. They will also learn how to apply grammatical concepts and improve their extended writing and translation skills.
Skills that you will require to do this course	Students will need strong comprehension and inference skills in order to access the listening and reading papers. Students should have a strong level of literacy and be able to write essays in a structured way. They will also need confidence in speaking in the target language as a speaking exam is a compulsory part of the course.
Assessment details	Students will sit 4 exams at the end of Year 11, weighted as follows: 25% Reading 25% Listening 25% Speaking 25% Writing Tiered entry means that students will either sit 4 Foundation papers (grades 5-1) or 4 Higher papers (grades 9-4). All papers must be sat at the same tier. Tier of entry will be decided in Year 11 in consultation with student and class teacher.
What can this course lead to?	Languages open the door to many A-Level and University courses and you can of course combine other subjects, such as Engineering, Maths and Law with a language.
You need to...	The new GCSE course requires students to be able to manipulate language in order to be able to write and speak spontaneously about a variety of topics. You will need a strong grasp of grammar and a wide range of vocabulary. You will also need to read and listen to authentic materials in order to prepare for these elements of the exam. Students will be expected to work independently to consolidate knowledge of grammar and vocab and practise exam skills.
Notes	
Staff for first contact	Miss Taylor btaylor@ecclesfield-mlt.co.uk Curriculum Leader

Geography

Exam board: Course title: Grading:	AQA Geography 8035 New GCSE Grades 9-1
Links to other subjects	Maths, English, Science, Languages, Law, Politics, Economics photography and history
What will you learn on this course?	<p>The geography course has a mixture of physical and human geography. In physical geography we will focus on three key areas: natural hazards, the living world and physical landscapes. We will explore volcanoes, rainforests and natural wonders in this topic.</p> <p>As part of our human geography studies we will look at how the human environment is changing focusing on case studies in Sheffield, Nigeria and Rio. We will also look at how resources are managed and the challenges and opportunities we face. We will have the opportunity to go on two fieldwork trips.</p>
Skills that you will require to do this course	The course requires students to be independent, hardworking and interested in the world around them.
Assessment details	<p>Paper 1 - Living with the physical environment (1½ hours, 35% of final mark)</p> <p>Paper 2 - Challenges in the human environment (1½ hours, 35% of final mark)</p> <p>Paper 3 - Geographical applications (1¼ hours, 30% of final mark)</p>
What can this course lead to?	<p>Geography graduates are very employable, it has been proven to be the most employable subject! This is due to the range of transferable skills that are developed by studying the subject. Studying Geography can also lead to some very exciting career options such as jobs in environmental sciences, law, politics, journalism and business management.</p> <p>GCSE Geography provides an excellent foundation to study a range of subjects at A level including English, Science, Maths, Sociology and, of course Geography.</p>
You need to...	<p>Have a growing interest in issues such as climate change, migration, environmental degradation and social cohesion. Geography is one of the most relevant courses you could choose to study and there has never been a better or more important time to study geography.</p> <p>Whatever your passion for the world - fascination with landscapes or concerns about inequality - geography will provide you with knowledge and transferable skills that will reward you personally and advance you professionally. The skills you learn will make you highly employable.</p>
Notes	The course has two pieces of compulsory fieldwork.
Staff for first contact	Dr C Bourne cbourne@ecclesfield-mlt.co.uk Curriculum Leader Ms A Goulding agoulding@ecclesfield-mlt.co.uk Lead Teacher of Geography

German

Exam board: Course title: Grading:	AQA GCSE German New GCSE Grades 9-1
Links to other subjects	English, Geography and History
What will you learn on this course?	GCSE German combines linguistic knowledge with cultural understanding of German speaking countries. Students will develop their Listening, Reading, Writing and Speaking skills through the study of a variety of contemporary themes such as new technology and social issues. They will also learn how to apply grammatical concepts and improve their extended writing and translation skills.
Skills that you will require to do this course	Students will need strong comprehension and inference skills in order to access the listening and reading papers. Students should have a strong level of literacy and be able to write essays in a structured way. They will also need confidence in speaking in the target language as a speaking exam is a compulsory part of the course.
Assessment details	Students will sit 4 exams at the end of Year 11, weighted as follows: 25% Reading 25% Listening 25% Speaking 25% Writing Tiered entry means that students will either sit 4 Foundation papers (grades 5-1) or 4 Higher papers (grades 9-4). All papers must be sat at the same tier. Tier of entry will be decided in Year 11 in consultation with student and class teacher.
What can this course lead to?	Languages open the door to many A-Level and University courses and you can of course combine other subjects, such as Engineering, Maths and Law with a language.
You need to...	The new GCSE course requires students to be able to manipulate language in order to be able to write and speak spontaneously about a variety of topics. You will need a strong grasp of grammar and a wide range of vocabulary. You will also need to read and listen to authentic materials in order to prepare for these elements of the exam. Students will be expected to work independently to consolidate knowledge of grammar and vocab and practise exam skills.
Notes	
Staff for first contact	Miss Taylor btaylor@ecclesfield-mlt.co.uk Curriculum Leader

Health & Social Care

Exam board: Course title: Grading:	OCR Health and Social Care Cambridge National Level 1/2 GCSE grades – Pass to Distinction *
Links to other subjects	English (Exam technique / extended writing questions)
What will you learn on this course?	Students will complete four units of work during the two academic years, which will consist of 120 learning hours Unit R032 – Principles of care in health and social care settings [Exam] **COMPULSORY UNIT SET BY EXAM BOARD** Unit R033 – Supporting individuals through life events [Coursework] **COMPULSORY UNIT SET BY EXAM BOARD** Unit R035 – Health promotion campaigns [Coursework]
Skills that you will require to do this course	This course is recommended for the following: <ul style="list-style-type: none"> • Enjoy coursework rather than exams • Can use valuable communication skills which are attractive in the modern workplace • Can work independently • Are interested in the health care system • Can work to deadlines and has good attendance in school • Would like to work in Adult care work, Allied Health Profession Support, Health and Social Care, Healthcare science assistant or Maternity and Paediatric Support
Assessment details	Your work will be graded level 2 pass, level 2 merit, level 2 distinction, level 2 distinction *. Each unit will consist of four learning outcomes, which have clear learning aims to help guide them. Once internal units are, completed students will get the opportunity to gain feedback from knowledgeable members of staff and make corrections before resubmitting their work for the final time. The externally assessed exam will be a one-hour fifteen minutes written exam and marked out of 70. Students will sit this exam at the end of Y11 Units are graded out of 60 or 70so the total marks that can be awarded for this qualification is 190.
What can this course lead to?	National Health Service Social Worker Care Worker Clinical Support Staff Occupational Therapist Personal Assistant Activities Co-ordinator
You need to...	Be well organised and proactive to complete coursework by deadline dates. Have an interest in the health care system.
Notes	During the delivery of the course students may be asked to attend P6 intervention sessions where needed to support their learning.
Staff for first contact	Ms S Staveley staveley@ecclesfield-mlt.co.uk Curriculum Leader

History

Exam board: Course title: Grading:	EDEXCEL GCSE History New GCSE Grades 9 - 1
Links to other subjects	English, Languages, Law, Politics, Philosophy, Psychology, Economics, Sociology, Media Studies
What will you learn on this course?	<p>The focus will be mainly on the development of medicine from 1250 to the present day looking at some of the key turning points from the development of Germ Theory to the creation of the NHS. There is also an opportunity to study how WW1 and the horrors of trench warfare acted as a catalyst for the development of medicine.</p> <p>The focus then moves to the American West during the nineteenth century and how the most powerful country in the world was finally settled and the foundations were laid for its development into the power that it is today. There is also an opportunity to study the enigma that is Elizabeth I and gain an insight into the challenges that shaped her into, perhaps, the most formidable monarch this country has ever seen.</p> <p>Germany between the wars then becomes the focus as students learn about how Germany recovered from WW1 and then fell into depression again giving rise to Hitler and the Nazis.</p> <p>Apart from having the opportunity to study a wide range of exciting historical periods and gain a deeper understanding of the world, you will also have the opportunity to learn a range of handy skills that will help you with A-levels and future work. These include:</p> <ul style="list-style-type: none"> • Excellent communication and writing skills • How to construct an argument • Research and problem skills • Investigation and problem-solving skills • Analytical and interpretation skills.
Skills that you will require to do this course	Communication, problem solving, research, analysis, arguing and essay writing
Assessment details	<p>Three papers:</p> <p>Paper 1 (1 hour and 15 minutes worth 30% of the overall mark) – 'Medicine in Britain c1250 to present' with 'The British sector of the Western Front: injuries, treatment and the trenches'.</p> <p>Paper 2 (1 hour and 45 minutes worth 40% of the overall mark) – 'The American West c1835 – c1895' with 'Early Elizabethan England, 1558 – 88'</p> <p>Paper 3 (1 hour and 20 minutes worth 30% of the overall mark) – Weimar and Nazi Germany</p>
What can this course lead to?	GCSE History provides an excellent foundation to study a range of literacy based subjects at KS5 including English, Sociology and, of course History. Studying History can also lead to some very exciting career options including Law, Politics, Marketing, Journalism, Business, Media and Teaching
You need to...	Be interested in History and have an enquiring and analytical mind. The new GCSE course covers a wide period of time so an aptitude to retain and apply facts would also be very useful. Finally, an ability to articulate your thoughts both through class discussion and in writing will help you to get the most from the course.
Notes	History may be a study of the past but it is immensely important for our understanding of the future. Lessons learnt from the past can help us to avoid making the same mistakes in the future. History also helps us to develop a more balanced view of the world by studying a range of historical sources we can develop more informed and critical judgements about world events today. Finally, there is great inspiration to be found in the past which can provide great motivation and help us in our own careers to make a difference to the world
Staff for first contact	Please speak to your classroom teacher first as they will be best placed to give you the personalised support you need. Rfishwick@ecclesfield-mlt.co.uk GFeechan@ecclesfield-mlt.co.uk rsanderson@ecclesfield-mlt.co.uk tbower@ecclesfield-mlt.co.uk IHenderson@ecclesfield-mlt.co.uk

Hospitality and Catering (Food Technology)

Exam board: Course title: Grading:	WJEC Hospitality and Catering Level 1/2 Award L1 Pass – L2 Distinction*									
Links to other subjects	Biology, Health and Social Care, PE									
What will you learn on this course?	<p>This course has been designed to develop learner’s knowledge and of a range of hospitality and catering providers for example: how they operate and what they have to take into account to be successful.</p> <p>There is the opportunity to learn about issues related to nutrition and food safety and how they affect successful hospitality and catering operations. In this qualification, learners will also have the opportunity to develop food preparation and cooking skills as well as transferable skills of problem-solving, organisation and time management, planning and communication.</p> <p>Through the two units, learners will gain an overview of the hospitality and catering industry and the type of job roles that may be available to assist them in making choices about progression. Successful completion of this qualification could support entry to qualifications that develop specific skills for work in hospitality and catering industries.</p> <p>Unit 2 of the course is 60% of the overall grade & lots of skills & practice are required prior to completing the coursework over the two years. Students cannot pass the course without cooking regularly and the coursework consists of assignments that have to be completed in a set amount of time by a set deadline.</p>									
Skills that you will require to do this course	The ability to problem solve, think creatively, work independently, be organised and a clean and tidy person are essential to doing well on this course.									
Assessment details	<p>WJEC Vocational Award in Hospitality and Catering</p> <table border="1"> <thead> <tr> <th>Unit number</th> <th>Unit title</th> <th>Assessment</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>The Hospitality and Catering industry</td> <td>Mandatory External 40%</td> </tr> <tr> <td>2</td> <td>Hospitality and Catering in action</td> <td>Mandatory Internal 60%</td> </tr> </tbody> </table>	Unit number	Unit title	Assessment	1	The Hospitality and Catering industry	Mandatory External 40%	2	Hospitality and Catering in action	Mandatory Internal 60%
Unit number	Unit title	Assessment								
1	The Hospitality and Catering industry	Mandatory External 40%								
2	Hospitality and Catering in action	Mandatory Internal 60%								
What can this course lead to?	Further hospitality and catering course, courses in food science and nutrition, catering and food preparation courses.									
You need to...	<p>Be interested catering and the hospitality industry.</p> <p>This ever growing sector offers you a great opportunity to develop skills that could lead into either a career or further training at college, apprenticeships or 6th form.</p> <p>Be willing to produce coursework that evidences the skills you have developed over the course and be able to meet the deadlines for this set by your teacher.</p> <p>Work hard and be organised</p>									
Notes	As you may appreciate, there will be regular requests when students will be required to bring in ingredients in order to practice the catering elements of the course.									
Staff for first contact	Mrs S Blashill sblashill@ecclesfield-mlt.co.uk Curriculum Leader Mrs A Dean adean@ecclesfield-mlt.co.uk									

Mathematics

Exam board: Course title: Grading:	Edexcel GCSE Mathematics 1MA1 Foundation tier grades 1 – 5 and Higher tier grades 4 – 9
Links to other subjects	Science and Geography
What will you learn on this course?	The course will develop your understanding of: Number, Algebra, Ratio, Proportion and Rates of Change, Geometry and Measures, Probability and Statistics. You will build upon the mathematical skills and understanding that you will already have developed during key stage 3. You will learn new mathematical techniques and develop problem solving, creativity and reasoning skills. You will also develop your decision making when selecting appropriate methods to solve mathematical problems.
Skills that you will require to do this course	There is more emphasis placed on problem solving, reasoning and communication. <ul style="list-style-type: none"> • Fluency – you will need to practise the skills learned. • Reasoning – you will have to explain your methods and communicate your ideas. • Problem Solving – you will need to apply your knowledge. <p>More content has been added to both the foundation and higher tiers to challenge and stretch the students.</p>
Assessment details	GCSE Mathematics is fully assessed by three equally weighted exam papers each worth 80 marks. Each paper is 1 hour and 30 minutes long. Paper 1 is a non-calculator assessment and a calculator is allowed for paper 2 and paper 3. The assessment will cover the following content headings: number, algebra, geometry and measures, probability, statistics and ratio, proportion and rates of change.
What can this course lead to?	The course gives the students the appropriate mathematical skills, knowledge and understanding to help them to progress to a full range of courses and careers. This includes level 3 mathematics courses as well as biology, geography and psychology, where the understanding and application of mathematics is crucial. A grade 4 is considered to be a standard pass in Maths and may be the minimum requirement for many employers and college courses.
You need to...	Learn and memorise formulae for your examinations. Over the course, you will be asked to work independently and in groups on a wide variety of activities that will develop your understanding of the subject.
Notes	Homework is a vital part of the learning process in Mathematics. It gives students the chance to practise skills learnt in class and to find out whether or not they have really understood the work. It is set weekly and will typically take the form of Hegarty Maths or past exam questions. Students are expected to bring the following equipment to lessons: pencil, ruler, pair of compasses, protractor and a scientific calculator. Given two thirds of the marks come from a calculator paper it is essential all students have a scientific calculator which they are familiar with in lessons and in the exams.
Staff for first contact	Mrs L Orme lorme@ecclesfield-mlt.co.uk Curriculum Leader Miss Z Lawrence zlawrence@ecclesfield-mlt.co.uk Lead Teacher Miss K Willoughby kwilloughby@ecclesfield-mlt.co.uk Lead Teacher Mrs C Holmes cholmes@ecclesfield-mlt.co.uk Lead Teacher

Music Practice

Exam board: Course title: Grading:	Pearson BTEC Tech award in Music Practice L1 Pass – L2 Distinction
Links to other subjects	Performing Arts
What will you learn on this course?	<p>The Award gives learners the opportunity to develop sector-specific knowledge and skills in a practical learning environment. The main focus is on four areas of equal importance, which cover the:</p> <ul style="list-style-type: none"> • development of key skills that prove learners' aptitude in music such as responding to a musical brief using musical skills and techniques • processes that underpin effective ways of working in the music industry, such as the development of musical ideas in performance, composition and production, and using skills and techniques for rehearsal to respond to a music industry brief • attitudes that are considered most important in the music industry, including personal management and communication • knowledge that underpins effective use of skills, processes and attitudes in the sector such as musical skills and styles. <p>This popular vocational music course prepares students for a world of work in the music industry. Learning skills and developing student knowledge of the wide range of career options available in the commercial sector of the Music Business.</p>
Skills that you will require to do this course	The music industry offers many opportunities for employment and is not limited to those who are able to play an instrument. The choice of units within the course reflects this. Learners may choose to follow a practical course by taking the performing units or a more technology based approach by completing the music industry units. Students will use industry standard equipment and gain experience from working with professionals operating in the music industry.
Assessment details	Component 1: Exploring Music Products and Styles (internal) Component 2: Music Skills Development (internal) Component 3: Responding to a Commercial Music Brief (External)
What can this course lead to?	<ul style="list-style-type: none"> • A Level music. • Study of a vocational qualification at Level 3, such as a BTEC National in Music or a BTEC National in Music Technology, prepares learners to enter employment or apprenticeships, or to move on to higher education by studying a music-related degree.
You need to...	<p>Be interested in performing as a soloist or in an ensemble. Have an interest in the music industry and how it runs. Be willing to rehearse in your own time.</p>
Notes	You <u>DO NOT</u> need to own a musical instrument to study this course, instrumental lessons would be beneficial and these can be organised through school, please see to Mr Eddy for more details.
Staff for first contact	Mr Eddy ceddy@ecclesfield-mlt.co.uk Curriculum Leader Mr Silcock msilcock@ecclesfield-mlt.co.uk Teacher

Performing Arts

Exam board: Course title: Grading:	Pearson BTEC Level 1/ Level 2 Technical Award in Performing Arts L1 Pass – L2 Distinction*
Links to other subjects	English, Music, Art, History
What will you learn on this course?	<p><u>COMPONENT ONE</u> Exploring the Performing Arts</p> <p>Aim. To get a taste of what it's like to be a professional actor across different styles. You will explore: Performance styles, creative intentions and purpose Performance roles, responsibilities and skills. How practitioners create and influence what's performed</p> <p><u>COMPONENT TWO</u> Developing skills and techniques</p> <p>Aim. To develop skills and techniques in the chosen discipline of acting. You will: Gain physical, interpretive, vocal and rehearsal skills during workshops and classes. Apply their technical, stylistic and interpretive skills in performances Reflect on their progress and use of skills in performance, as well as how they could improve</p> <p><u>COMPONENT THREE</u> Performing to a brief</p> <p>Aim. Consider how practitioners adapt their skills for different contexts and put this into practice in a performance. To do this you will: Use the brief and what you've learned to come up with ideas for the performance. Choose the skills and techniques you'll need. Build on your skills in classes, workshops and rehearsals. Review the development process within an idea and skills log. Perform a piece lasting 10-15 minutes to an audience Reflect on the performance in an evaluation report</p>
Skills that you will require to do this course	Students need to be able to work with a range of different students as they explore a range of themes and issues. The course requires students to be able to think creatively with a range of different Drama styles and be able to perform their work to the class. Students will analyse each other's ideas and will need to be able to explain why they did what they did.
Assessment details	<p>Component One 30% Internally assessed</p> <p>Component Two 30% Internally assessed</p> <p>Component Three 40% Externally assessed</p>
What can this course lead to?	A Level Drama or Theatre Studies. A Level Performing Arts. Level 3 Performing Arts courses
You need to...	Make sure that you are comfortable working in groups practically and are happy to perform your ideas to the class
Notes	Studying Performing Arts is a great confidence builder and teaches a range of life skills that will be needed in everyday life and future employment. The course is not designed just for students who are hoping to pursue a career in the Arts, but for those looking to build up their confidence. If you are interested in taking this course, please make sure you discuss this with your Drama teacher.
Staff for first contact	BSmithard@ecclesfield-mlt.co.uk – Curriculum Leader

GCSE Physical Education

Exam board: Course title: Grading:	OCR GCSE PE New GCSE Grades 9-1
Links to other subjects	Maths (HR / Fitness tests), English (Exam technique / extended writing questions) Biology (cardiovascular, respiratory, muscular, skeletal systems), Engineering (Levers, axes of rotation, planes of movement)
What will you learn on this course?	<p>The course is broken down into three parts:</p> <p>Practical (30% of your overall GCSE grade)</p> <ul style="list-style-type: none"> You will study a number of sports both individual and team sports in school in order to help find which one suits you. The three sports (1 individual, 1 team and 1 either) you receive the highest grade in will count towards your final GCSE mark. Many students do use sports they take part in outside of school time, examples include: horse riding, swimming and skiing. You will take part in a practical assessment moderation during the spring term. <p>Theory (60% of your overall GCSE grade)</p> <p>You have the opportunity to find out more about the subject, topics include:</p> <ul style="list-style-type: none"> Health, fitness, performance, training, sporting initiatives, diet and psychology. Anatomy and Physiology (bones, joints, muscles, the circulatory and respiratory system) <p>Controlled Assessment (10% of your overall GCSE grade)</p> <p>The controlled assessment (in-school course work) is assessed as follows: Completed through controlled assessments</p> <ul style="list-style-type: none"> Written portfolio to be produced as evidence Students analyse their own performance in a sport of their choice Written piece to be produced as evidence
Skills that you will require to do this course	<p>It is recommended that students take part in a sports team/s outside of school and compete at a high level. We also suggest students have participated in a number of extra-curricular activities and competitions during KS3 and continue to do so in KS4.</p> <p>It is also advised that students are achieving strong tracking grades in Y9 for English and Science to support understanding of the content and accessing the vocabulary within the exam papers.</p>
Assessment details	<p>An external moderator will assess a sample of students in the practical element and coursework. This will be arranged in the second year of the qualification.</p> <p>Students will complete two exam papers, both an hour long to assess their knowledge in the theory element.</p>
What can this course lead to?	<p>Personal Trainer PE Teacher Sports Coach Sports Therapist Fitness Centre Manager Sports Administrator Sports Development Officer</p>
You need to...	<p>This course is perfect for those who participate in competitive sport, in two disciplines on a regular basis. They would also be interested in the theoretical side of physical activity and the impact this has on the human body. It is a great course if you wish to pursue a career as a PE teacher, sports coach, and physiotherapist or similar.</p>
Notes	<p>During the delivery of the course students may be asked to attend P6 intervention sessions where needed to support their learning, attend extra-curricular sports clubs to develop practical skills as well as represent the school in sports fixtures.</p>
Staff for first contact	<p>Mr. N. Thompson - Curriculum Leader: PE - nthompson@ecclesfield-mlt.co.uk</p>

Religious Studies

Exam board: Course title: Grading:	AQA GCSE Religious Studies New GCSE Grades 9-1
Links to other subjects	English and History
What will you learn on this course?	<p>Students will study a wide range of ethical issues that will include topics such as euthanasia, abortion, climate change, war and crime. They will be asked to consider their own opinion on each of these subjects and then apply Christian beliefs and teachings. For example, they will consider in which circumstances, (if any) abortion is acceptable. They will then apply Christian teachings to the question and argue both in favour and against the statement that 'abortion is always wrong.'</p> <p>To be able to apply Christian teachings to ethical questions, students will study Christian Beliefs and Teachings and Christian Practices. They will consider such things as the nature of God, the Problem of Evil and the role of Jesus in salvation.</p> <p>To broaden students' wider knowledge of religion, they will also study Buddhist Beliefs and Teachings. Buddhism has half a billion followers worldwide, and is becoming increasingly popular in the UK. Students will study the importance of the Three Refuges: Dharma, Sangha and the Buddha. They will also consider the similarities and differences between the Theravada and Mahayana traditions and study key foundations of faith. In addition, students will also study Buddhist Practices such as mediation and worship.</p>
Skills that you will require to do this course	<p>The specification is designed for students who:</p> <ul style="list-style-type: none"> • Ask questions about belief, values, meaning, purpose and truth and want to develop their own attitudes towards religious issues. • Are willing to develop analysis and research skills for further study • Are prepared to develop and apply knowledge and understanding of Christianity & Buddhism <p>Want to construct written well-informed and balanced arguments on matters concerned with religious beliefs</p>
Assessment details	<p>Examination: 100% of total mark, 2 exams: Exam 1 – Christianity & Buddhism - Beliefs & Teachings & Practices (50%) Exam 2 – Themes (50%)</p> <p>Theme A – Relationships and Families (same sex relationships, sexuality). Theme B – Religions and Life (abortion, the environment, euthanasia, creation). Theme D – Religion, peace and conflict (Holy War, Just War, Pacifism). Theme E – Religion, crime and punishment (Aims of punishment, forgiveness)</p>
What can this course lead to?	<p>A Levels or other higher education qualifications Any career which involves working with people such as Law, police work, teaching, social work, medical sciences etc. Religious Education illustrates a student's ability to listen to differences of opinion, evaluate information, and reach a reasoned conclusion.</p>
You need to...	Ensure you are fully informed about the course and what will be expected of you before opting for the subject – speak to your RPE teacher for more information
Staff for first contact	Ms E Hunter ehunter@ecclesfield-mlt.co.uk Curriculum Leader

Spanish

Exam board: Course title: Grading:	AQA GCSE Spanish New GCSE Grades 9-1
Links to other subjects	English, Geography and History
What will you learn on this course?	GCSE Spanish combines linguistic knowledge with cultural understanding of Spanish speaking countries. Students will develop their Listening, Reading, Writing and Speaking skills through the study of a variety of contemporary themes such as new technology and social issues. They will also learn how to apply grammatical concepts and improve their extended writing and translation skills.
Skills that you will require to do this course	Students will need strong comprehension and inference skills in order to access the listening and reading papers. Students should have a strong level of literacy and be able to write essays in a structured way. They will also need confidence in speaking in the target language as a speaking exam is a compulsory part of the course.
Assessment details	Students will sit 4 exams at the end of Year 11, weighted as follows: 25% Reading 25% Listening 25% Speaking 25% Writing Tiered entry means that students will either sit 4 Foundation papers (grades 5-1) or 4 Higher papers (grades 9-4). All papers must be sat at the same tier. Tier of entry will be decided in Year 11 in consultation with student and class teacher.
What can this course lead to?	Languages open the door to many A-Level and University courses and you can of course combine other subjects, such as Engineering, Maths and Law with a language.
You need to...	The new GCSE course requires students to be able to manipulate language in order to be able to write and speak spontaneously about a variety of topics. You will need a strong grasp of grammar and a wide range of vocabulary. You will also need to read and listen to authentic materials in order to prepare for these elements of the exam. Students will be expected to work independently to consolidate knowledge of grammar and vocab and practise exam skills.
Notes	
Staff for first contact	Miss Taylor btaylor@ecclesfield-mlt.co.uk Curriculum Leader

Sports Science

Exam board: Course title: Grading:	OCR Cambridge National Sports Science GCSE grades – Pass to Distinction *
Links to other subjects	Maths (HR / Fitness tests), English (Exam technique / extended writing questions) Biology (cardiovascular, respiratory, muscular, skeletal systems)
What will you learn on this course?	You will complete three units of work across the two years: <ul style="list-style-type: none"> • Unit R180 – Students will learn about extrinsic and intrinsic factors, which may cause injury. Discuss the importance of warm ups and cool downs. Identify a range of types of common sports injuries as well as recognise symptoms of common medical conditions and illnesses. • Unit R181 – Identify the principles of training in a sporting context. Know how training methods target different fitness components. Be able to conduct fitness tests, create your own skills related fitness tests and develop a fitness-training programme. • Unit R182 – Know the functions, roles of the muscular, skeletal, cardiovascular, and respiratory system. Discuss the short and long-term effects of each system. Study how technology can be used to help record changes on these body systems.
Skills that you will require to do this course	This course is recommended for the following: <ul style="list-style-type: none"> • Enjoy coursework rather than exams • Can communicate their knowledge with others • Can work independently • Enjoy leading sports activities • Enjoy researching and writing about fitness and sport • Can work to deadlines and has good attendance in school
Assessment details	Your work is graded between a level 1 pass, level 1 merit, level 1 distinction, level 2 pass, level 2 merit, level 2 distinction, level 2 distinction*. Total marks are out of 200, with the exam unit worth 80 marks and the coursework units each worth 60 marks. The final grade is determined by a two internally assessed assignments completed during the two-year course (R181 and R182) and by one externally assessed 1h15m examination in Y11 (R180). Work will be assessed regularly. Students are given feedback on progress throughout the course. Evidence for assessment can be in the form of assignment or project work, case studies, workplace assessment, role play and oral presentations.
What can this course lead to?	Personal Trainer PE Teacher Sports Coach Physiotherapist Fitness Centre Manager Sports Administrator Sports Development Officer Youth and Community worker
You need to...	This course is perfect for those who enjoy sport and theoretical side of physical activity and the impact this has on the human body. It is a great course if you wish to pursue a career as a PE teacher, sports coach, and physiotherapist or similar.
Notes	During the delivery of the course students may be asked to attend P6 intervention sessions where needed to support their learning.
Staff for first contact	Mr. N. Thompson - Curriculum Leader: PE nthompson@ecclesfield-mlt.co.uk

Statistics

Exam board: Course title: Grading:	Edexcel GCSE Statistics 1ST0 Foundation tier grades 1 – 5 and Higher tier grades 4 – 9
Links to other subjects	Maths, Science, Computing, Geography, Business and Economics
What will you learn on this course?	<p>The course will develop your understanding and confidence with statistical techniques and therefore enable you to apply these techniques flexibly to solve statistical problems.</p> <p>Statistics will give you the opportunity to broaden your knowledge in a key component of maths that is relevant to everyday life. You'll develop a core statistical grounding, as well as transferable skills and understanding that's applicable to a range of other subjects and careers.</p> <p>You will build upon the statistical skills and understanding that you will already have developed during key stage 3 Mathematics. You will develop your understanding of the following areas: collection of data, summarising data, time series, index numbers, probability, probability distributions, processing and representing data and scatter diagrams and correlation.</p>
Skills that you will require to do this course	<p>Statistics is not just about processing data and students should not under-estimate the amount of detailed written work and use of precise language that is involved.</p> <p>You will learn to process, analyse and interpret data.</p>
Assessment details	GCSE Statistics is fully assessed by two equally weighted exam papers each worth 80 marks. Each paper is 1 hour and 30 minutes long. Both papers allow the use of a calculator and both will cover all content.
What can this course lead to?	<p>In the real world we are constantly bombarded, through the media, with graphs, economical data such as retail price index (RPI) and various other statistical statements. You will find that understanding statistics is important in all aspects of everyday life. When you have completed this course you should have a far greater understanding of how to interpret and use statistical statements.</p> <p>If you are continuing in education, you will have acquired important skills required for studying these subjects. Biology, psychology, economics, geography, engineering and archaeology are among the many subjects that rely at times on an understanding of statistical data. If you decide to continue with mathematics at AS Level you will find that you already know a lot of the content of the statistics option.</p>
You need to...	Learn and memorise formulae for your examinations. Over the course, you will be asked to work independently and in groups on a wide variety of activities that will develop your understanding of the subject.
Notes	Homework is a vital part of the learning process in Statistics. It gives students the chance to practise skills learnt in class and to find out whether or not they have really understood the work
Staff for first contact	Mrs L Orme lorme@ecclesfield-mlt.co.uk Curriculum Leader Mrs C Holmes cholmes@ecclesfield-mlt.co.uk Course Teacher

Triple Science – (Biology, Chemistry, Physics)

Exam board: Course title: Grading:	AQA GCSE Biology AQA GCSE Chemistry AQA GCSE Physics New GCSE Grades 9-1.
Links to other subjects	Maths, English, Geography, History, Physical Education and Design & Technology.
What will you learn on this course?	The course focuses on scientific explanations and models, and gives students an insight into how scientists develop scientific understanding of ourselves and the world we inhabit.
Skills that you will require to do this course	The course requires students to be independent, have good maths skills and practical skills. Students should have a sound understanding of all basic concepts covered in GCSE from KS3 science lessons and be capable of applying their knowledge and understanding in order to be successful in KS4 science.
Assessment details	Triple Science is assessed using external terminal exams at the end of year 11 which will represent 100% of the final grade. There is no coursework aspect of the course. The GCSEs will include 6x1 hour 45 minute exams. Each exam is worth 16.7%. Two exams for Biology, two for Chemistry and two exams for Physics. Both courses will include exam questions which are a mixture of multiple choice, structured, closed short answer, and open response questions.
What can this course lead to?	Science A levels, L3 BTEC Applied Science, L3 Engineering, Any vocational science based course. Ask teachers for more information.
You need to...	Be inquisitive, ask deep meaningful questions about the inner-workings of the world around us and debate ethical and issues of new and controversial solutions to real world problems. With the development of Social Media and the spread of Fake News it is becoming more important than ever that we question the reliability of the things we encounter. The new GCSE Curriculum is focussed on getting students to develop their own understandings of the world around them and to develop their own evidence and understandings based on reliable sources and valid scientific data. Students will be required to ask Scientific questions and to design investigations which would produce valid data to support or disprove important questions and hypothesis.
Notes	The Triple Science GCSE is a compulsory course to be taken by all students on the Black pathway.
Staff for first contact	Mrs Wardle lwardle@ecclesfield-mlt.co.uk Curriculum Leader Mr Hemingway lhemingway@ecclesfield-mlt.co.uk Lead Teacher Mr Darby tdarby@ecclesfield-mlt.co.uk Lead Teacher Mrs Buckley lbuckley@ecclesfield-mlt.co.uk Lead Teacher Mrs Tasker rtasker@ecclesfield-mlt.co.uk Assistant Headteacher

Red Pathway Option Form

Name: _____

Tutor Group: _____

- Please complete the table below indicating your preferred option choices.
- Please give least 2 reserve options for option 1 and option 2.
- **Forms *will not* be accepted without these Options completed.**

Compulsory examined subjects including language that you are currently studying	Compulsory non-examined subjects	Compulsory Humanities, choose one of the following subjects	Option 1 Choose one of the following subjects	Option 2 Choose one of the following subjects
English Maths Combined Science Spanish or French or German	PE (core) RPE PSHCE	Geography or History	Art Business Computer Science Engineering Health & Social Care Hospitality & Catering Information Technology Music PE Performing Arts Photography Religious Studies Statistics Triple Science Sports Science	Art Business Computer Science Engineering Health & Social Care Hospitality & Catering Information Technology Music PE Performing Arts Photography Religious Studies Statistics Triple Science Sports Science

Please indicate your choices in the table below:

	Option Choice (Insert name of subject below)
Language currently studying	
Humanities Option	
Option 1 Choice (list in order of preference)	
Option 2 Choice (list in order of preference)	
Two subject reserve choices: (Please list in order of preference.)	1) _____
	2) _____

Signed by Student: _____

Signed by Parent/Carer: _____ Date: _____

Signed by Form Tutor: _____

Please return your completed form to your Form Tutor by **7th February 2024**.