



**Maghull High
School**

**Southport
Learning
Trust**



**Year 9
Options Booklet
2021**

Key Dates

Monday 1st March

Year 9 Options Assembly

Tuesday 23rd March

Year 9 AP2 Reports

Thursday 25th March

Year 9 virtual Parents Evening 4.30pm-6.30pm

Friday 26th March

Deadline for returning online Options forms

CONTENTS

	<u>PAGE</u>
YEAR 9 CURRICULUM OPTIONS 2021	5

CORE SUBJECTS

COMBINED SCIENCE.....	7
ENGLISH LANGUAGE	9
ENGLISH LITERATURE	11
MATHEMATICS.....	12
PHYSICAL EDUCATION	14
RELIGION & PERSONAL DEVELOPMENT	15

GCSE SUBJECTS

ART & DESIGN	16
COMPUTER SCIENCE	18
DANCE.....	20
DRAMA	22
GEOGRAPHY	24
HISTORY.....	26
MUSIC.....	28
RELIGIOUS EDUCATION	30
SINGLE SCIENCE	32
SPANISH.....	34

VOCATIONAL SUBJECTS

BUSINESS STUDIES.....	36
ENGINEERING	38
ICT	40
SPORT.....	41
HOSPITALITY AND CATERING.....	42

Year 9 Curriculum Options 2021

As you approach the end of Key Stage 3 studies, it is time to think carefully about the next stage of your education. Maghull High School is committed to providing a high quality, broad and balanced curriculum that provides you with the opportunity to study subjects you enjoy and find stimulating, and provide progression beyond Key Stage 4. Our curriculum offer includes GCSE and vocational courses, all of which are carefully chosen to ensure academic challenge and allow you to make the best progress.

The **core curriculum** includes:

Mathematics	English Language
English Literature	Religion & Personal Development
Combined Science	Physical Education (Core)

Option Pathway

You have additional option choices to complete your Key Stage 4 pathway. You are to choose one subject from Option A and three subjects from Option B.

Option A

You must choose **one** subject from the following:

Geography
History

Option B

You must choose **three** subjects from the following:

Art	Business Studies	Computer Science
Dance	Drama	Engineering
Geography	History	ICT
Music	Sport	Single Science
*Spanish	Religious Education	Hospitality and Catering

***It is strongly recommended that you choose Spanish as one of your three choices from option B to enable completion of the English Baccalaureate**

As a school we provide high quality information, advice and guidance. Our commitment to supporting your individual needs will ensure that the choices you make are informed and will enable you to enjoy and achieve at Key Stage 4.

We will endeavour to allocate you your preferred options, however final decisions will depend on pupil numbers, timetabling and breadth and balance of choices indicated.

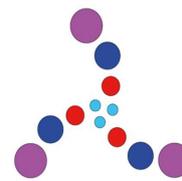
Next Steps:

- Please read the options booklet carefully and discuss the different subjects with your parents/guardians
- Use your progress report to gain an insight into the current progress you have made in each subject
- Speak to as many teachers as possible, including senior leaders and careers advisors in the upcoming weeks
- Use Parents' Evening on Thursday 25th March to guide and confirm your choices
- Read the Department for Education guidance on 'Helping Your Child Make The Best GCSE Choices'
- Complete the online option choices form sent to your school email

If you need to discuss your option choices further please contact Miss S Cassidy via email

Miss S Cassidy
Assistant Headteacher
cassidys@maghullhigh.com

Core Combined Science (Trilogy)



What will I study on the course?

All students will follow combined science (Trilogy) leading to 2 GCSE qualifications and if students select Single Science as one of their option choices, this will lead to 3 GCSE qualifications in biology, chemistry and physics.

Biology

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology

Chemistry

1. Atomic structure and the periodic table
2. Bonding, structure, and the properties of matter
3. Quantitative chemistry
4. Chemical changes
5. Energy changes
6. The rate and extent of chemical change
7. Organic chemistry
8. Chemical analysis
9. Chemistry of the atmosphere
10. Using resources

Physics

1. Energy
2. Electricity
3. Particle model of matter
4. Atomic structure
5. Forces
6. Waves
7. Magnetism and electromagnetism

How will I be assessed?

This qualification is linear. Linear means that students will sit all their exams at the end of the course. There are 2 papers for biology, chemistry and physics so 6 exams in total. Each paper lasts for 1 hour 15 minutes and is worth 16.7% of the GCSE. Pupils will study either foundation or higher tier.

Where can this course lead me?

Studying the dual award GCSE trilogy science provides students with two GCSEs in science and the opportunity to progress on to A level biology, chemistry or physics.

Sciences are considered facilitating subjects when applying for university. This means they allow students the widest range of options when considering what degree subject they would like to study and do not limit them to specific courses. Biology can lead to careers in medicine, veterinary science, dentistry, biomedical sciences and many more exciting careers. Chemistry develops knowledge and skills needed for careers in pharmacy, biochemistry as well as food science and drug development. Physics is an excellent starting point for careers in engineering general, aeronautical, civil, electrical, mechanical but can often lead to careers in business and computer science.

What else do I need to know?

If you would like more information, please e-mail Miss L Perry on perryl@maghullhigh.com

Core English Language



What will I study on the course?

Students will critically analyse unseen fiction and non-fiction texts before exploring the impact on the reader. Students will consider carefully how a writer has used language and structural devices to interest the reader, before comparing ideas across two texts. Students are also expected to produce extended pieces of creative writing such as a description or a narrative, as well as arguing their viewpoint through transactional writing.

How will I be assessed?

Paper 1: Explorations in creative reading and writing

Section A: Reading

- one literature fiction text

Section B: Writing,

- descriptive or narrative writing

Paper 2: Writers' Viewpoints and Perspectives

Section A: Reading

- one non-fiction text and one literary non-fiction text

Section B: Writing

- writing to present a viewpoint

Written examination for both papers is 1 hour 45 minutes.

Non-examination Assessment: Spoken Language

- presenting
- responding to questions and feedback
- use of standard English

Where can this course lead me?

Studying English Language helps to develop skills in independent study, time management, planning and researching for written work. It also enhances leadership skills and participating in discussions, negotiation and teamwork.

Career progression can lead to advertising and marketing, writing and journalism, law, consultancy, business, teaching, performing arts, government and media and design.

What else do I need to know?

If you would like more information, please e-mail Miss N Murphy on murphyn@maghullhigh.com

Core English Literature



What will I study on the course?

Our study of literature will see students covering texts such as Macbeth, A Christmas Carol, and An Inspector Calls. Students will also apply their poetic skills to study a range of unseen poetry as well as completing a study of 15 poems from their Power and Conflict anthology.

How will I be assessed?

Paper 1: Shakespeare and the 19th-century novel

- Shakespeare Play: Macbeth
- The 19th-century novel: A Christmas Carol

Written exam: 1 hour 45 minutes

Paper 2: Modern texts and poetry

- Modern prose or drama texts: An Inspector Calls
- The poetry anthology: AQA Power and Conflict Anthology

Written exam: 2 hour 15 minute

Where can this course lead me?

Students studying English Literature, can learn not only language aspects such as vocabulary items but also that language can be used for specific and aesthetic purposes.

Career progression can lead to journalism, archiving, bookselling, information and research, tourism, events management, retail management and sales.

What else do I need to know?

If you would like more information, please e-mail Miss N Murphy on murphyn@maghullhigh.com

Where can this course lead me?

- A level mathematics
- Business
- Engineering
- Science
- Architecture
- Further education and study
- Medicine
- Finance

What else do I need to know?

If you would like more information, please e-mail Ms R O'Hara on oharar@maghullhigh.com

Core Physical Education



What will I study on the course?

Our high quality physical education curriculum at Maghull High School aims to inspire all students to succeed and excel in competitive sport and other physically demanding activities. It provides opportunities for students to become physically confident in a way that supports their health and fitness. Opportunities to compete in sport and other activities, build character and help to embed values such as fairness and respect.

The national curriculum for physical education aims to ensure that all students:

- Develop competence to excel in a broad range of physical activities
- Are physically active for sustained periods of time
- Engage in competitive sports and activities
- Lead healthy, active lives

Where can this course lead me?

Potential career options include fitness trainers, recreation workers, physical education instructors, physical therapists, sports medicine, human kinetics, sport nutritionists and sport psychologists.

Core Physical Education is not assessed

What else do I need to know?

If you would like more information, please e-mail Mr N Lynch on lynchn@maghullhigh.com

Core Religion & Personal Development



What will I study on the course?

Students at Key Stage 4 are given the opportunity to engage in a variety of activities that help to broaden students' understanding and life skills in a wide range of topics. This includes:

- Religious Education and Ethics
- Relationship, sexual and health education
- Financial literacy
- Careers advice and guidance
- Revision and study techniques

Students receive a full introduction to the beliefs and practices of Christianity in the UK as well as an understanding of the wider religious UK landscape. In addition, pupils are introduced to core topics surrounding equality and discrimination. Careers Education, Information, Advice and Guidance is provided through modules included in the tutorial system, personal development lessons and as part of the curriculum across all subject areas. Students also have opportunities to visit local businesses and industries and listen to presentations from business visitors, as well as taking part in our annual network breakfasts.

What else do I need to know?

If you would like more information, please e-mail Mr P Eatock (eatockp@maghullhigh.com) or Mr S Scott (scotts@maghullhigh.com)

Art & Design



Who is the course for?

The most important qualities you need to study art at GCSE level are a genuine enthusiasm for art and a commitment and eagerness to explore materials and techniques. This course is suitable if you:

- are creative, enthusiastic and imaginative
- are willing to experiment and to take risks when you are using new techniques
- are able to work independently and like to visit art galleries and museums to make your work more informed and interesting
- like communicating your ideas, opinions and addressing issues in visual and written forms
- like to use different materials and processes to develop your visual skills

What will I study on the course?

During the course you will learn how to develop your artistic skills and use various art materials, processes and media, including printmaking, photography, painting, collage, textiles, and drawing; enabling you to develop confidence in these skills.

The course also aims to introduce you to a range of artists' work, which will give you ideas and inspiration for your own practical work.

Your coursework will consist of one project which will show a development of your ideas, leading to one or more outcomes. Your teacher will set you small assignments and tasks throughout each project to guide your work.

How will I be assessed?

GCSE Art and Design is made up of coursework and an externally set assignment. You will be assessed against four criteria in both of these areas: contextual understanding, creative making, reflective recording and personal presentation. This means you must produce independent and imaginative practical work whilst evaluating your work and that of others. dv

Coursework (60%): A project based on one theme completed in Years 10 and 11.

Externally set assignment (40%): You will be given a range of starting points, from which you will choose one to create a sketchbook around then produce a final piece for the project.

Where can this course lead me?

GCSE Art and Design will help you to develop your creative, technical, communication, analytical and problem solving skills, all of which are essential in a wide range of careers. Most of our students continue their Art and Design studies onto A-Level at Maghull High School. This has led past students to study a range of courses at university including: fashion buying; fashion design; architecture and city planning; photography; animation; textiles; prosthetics for performance; fine art; foundation; pre-degree; art history and teaching.

The career opportunities are vast if you study Art and Design. Careers include areas such as; advertising, animation, illustration, product design, fashion, textiles, ceramics, jewellery design, visual media, graphics, sculpture, painting, game design, buying, merchandising, interior design, photography, teaching, production design for theatre/television/film, costume design, makeup artist, museum/gallery conservator, furniture restoration, gallery/museum curator, milliner, footwear design, social work, community arts work and many more.

Many careers that are not in the creative industries also benefit from workers who have studied Art and Design, as the course teaches you key transferable skills. Some past Art students have gone on to study medicine, midwifery, geography, Spanish, journalism and more.

What else do I need to know?

There are many misconceptions about Art and Design, mainly that you have to be really good at drawing. This is not the case, it helps if you can draw but you can express yourself in lots of different ways.

This course is self-directed in terms of planning and completion of work. There is a strong emphasis on completing a significant amount of coursework at home as well as in school.

If you would like more information, please e-mail Miss R Garnett on garnettr@maghullhigh.com

Computer Science



Who is the course for?

If you enjoy problem solving, and you are interested in learning to create programs and apps, this is the course for you. Many aspects of computer science involve similar skills and understanding to mathematics, so ideally you will be someone who enjoys and has a good ability in maths.

What will I study on the course?

In OCR GCSE computer science you will learn how a computer system works and how it is constructed and programmed to follow instructions. You will learn how to code in a real world language and make your own programs to solve problems. The qualification has a real focus on computational thinking, helping you to develop the skills to solve problems and design systems that do so. Some of the topics you will cover are: programming languages; algorithms; binary and hexadecimal; problem solving; computer hardware; computer software; networks; system security; ethical, cultural and environmental concerns.

How will I be assessed?

As with most of the new GCSEs, your mark comes from written examinations at the end of the course:

50% computer systems (written exam)

50% computational thinking, algorithms and programming (written exam)

You will also do a programming project that will be submitted to the exam board as proof of your ability to code and test a working program.

Where can this course lead me?

Students who have taken a GCSE in computer science can then study the subject at A level or university and will have an advantage over their peers who are picking up the subject at these levels. As well as traditional routes there are a high number of apprenticeships at all levels for a variety of roles within the industry.

The high demand for programmers and other ICT professionals, both in the UK and around the world means that computer science really does give many options. Computing skills are highly sought after, in a wide range of other fields such as medicine, electronics, engineering, financial and resource management, and science.

What else do I need to know?

There are many misconceptions about computer science, mainly that it is for boys, however the number of females in computer science is increasing every year.

GCSE computer science is one of the subjects that form part of the 'EBacc'.

If you would like more information, please email Mr W Maddock on maddockw@maghullhigh.com.

Dance



Who is the course for?

Students who have a technical background in dance, right through to those who share a passion and interest in the subject, both practically and theoretically.

What will I study on the course?

Students will develop and improve their performance, choreographic and technical skills practically, working in a range of dance styles including jazz and urban dance through to contemporary. Students will gain an understanding of where dance styles originate from as well as study set material and create performance work. Students will also develop their communication, listening and leadership skills as lessons require students to work in groups as well as individually. Additionally, students will study a range of professional dance companies and their set works, developing their evaluative and analytical skills as well as appreciating professional performance.

How will I be assessed?

Students will be assessed through practical examinations and moderations, both in group and solo performances. Students will be expected to perform group work in front of an audience, however solo work will be marked by teachers and moderators without an audience. Theory work is assessed through mock written papers, research and homework tasks.

Where can this course lead me?

Students will complete a GCSE in dance, examined in year 11. This leads perfectly into the A level in dance studies. Due to the practical and creative nature of the subject, students have the opportunity to then study courses in any aspect of the performing arts.

What else do I need to know?

Dance students receive plenty of opportunities to visit professional theatres, work and perform with professional companies, participate in workshops and experience the performing arts at a range of different venues. Students also perform in our annual dance shows and are allowed access to the spaces after school to rehearse and practice performance work for their studies.

If you would like more information, please e-mail Mrs H Brogden on brogdenh@maghullhigh.com

Drama



Who is the course for?

Throughout the GCSE Drama course students focus on and develop their skills as a practical performer. This is done through a variety of performances, analysis of scripts and through devising and performing short original pieces of theatre. Throughout the study of key drama texts you will also develop an understanding of design elements of drama such as lighting, sound, costume and stage design.

This course will suit anyone who enjoys practical drama lessons and wants to develop their skills further. You do not have to be the best performer to do well at GCSE but must be prepared to work with plenty of enthusiasm and energy. You need an interest in theatre and/or cinema and you will be expected to go and see shows out of school hours. Good attendance is absolutely vital as 60% of the final mark is based on assessed class work.

Component Number	Name of Component	Assessment	Total marks	Weightings
Component 01	Understanding Drama	Written Exam 1hr 45 <i>Section A: Theatre roles and terminology</i> <i>Section B: Study of set text</i> <i>Section C: Live theatre production.</i>	80	40%
Component 02	Devising Drama	Devised performance portfolio (2,500 words)	80	40%
Component 03	Text in Practice	Scripted performance x 2	40 marks	20%

What will I study on the course?

You will learn how to use research, dramatic techniques and technical elements to create your own theatre work. You will develop acting skills that help you to use voice, movement, gesture and facial expression effectively to portray a range of characters in performance.

You will learn how to analyse scripts in order to explore their dramatic potential in performance and you will be given the opportunity to develop the skills needed to create a clear vision for page to stage work,

to direct others and to perform for a range of audiences.

Geography



Who is this course for?

You should study geography if you want to:

- Improve your understanding of global issues, which will affect our lives now and in the future
- Develop a better understanding of the way the world works
- Enhance your understanding of how physical landscapes (e.g. rivers, coasts) are formed
- Express opinions about people and places
- Find out about different cultures and societies that are different from your own
- Find out how people are connected and interact with each other and their environment

GCSE Geography is an interesting subject that permits students to examine the relationship between people and the fragile environment we inhabit. Most good geographers are inquisitive about their surroundings, and take great interest in current affairs. Students develop a wide range of skills by studying geography including; literacy, numeracy, enquiry, research skills and ICT. The ability to link different viewpoints and disciplines provides students with the skills to solve problems that we as a global population face.

The course specification is Eduqas B.

What will I study?

A variety of themes are covered which look at human, physical and environmental Geography.

The key themes cover the following topics which are then assessed through the 3 papers:

Urbanisation, Contrasting global cities, Urban and rural processes and change in the UK, Development issues, Coasts and coastal management, Rivers and river management, Weather and climate, Climate change, Ecosystems, Water resources and management and Desertification.

How is it assessed?

It is 100% exam based, and completed through 3 papers.

Component 1: Investigating geographical issues and is worth 40% (1 hour 45 minutes)

Component 2: Problem solving and is worth 30% (1 hour 30 minutes)

Component 3: Applied field work enquiry and is worth 30% (1 hour 30 minutes)

Where can this course lead me?

Geography opens up a gateway to an exciting future. Students can continue to study Geography at A-level. Other courses accessible include Travel and Tourism, Geology and Environmental Studies. More specific courses such as Town Planning are also available.

Geography is an academic subject. Geography is a much-respected subject with employers and with universities and so geography GCSE or A level is a very useful qualification for a range of university courses and careers including law, environment, local government, town planning, politics, business & enterprise, marketing & market research, media & journalism and the civil service.

What else do I need to know?

A variety of teaching strategies are used and include group work, independent learning and enquiry based activities. Field work is an integral part of the course and relevant visits and techniques will be completed. These skills add to and enhance your learning experience. Data collected on field visits will provide the opportunities to develop interpretational and analytical skills which will be applied to and used in paper 3.

Fieldwork

Please note that it is compulsory to undertake fieldwork and this may well be in the form of a residential visit.

If you would like more information, please email Mr G Donnan on donnang@maghullhigh.com or visit the website below.
<http://www.eduqas.co.uk/qualifications/geography/gcse-b/>

Geography is one of the subjects that form part of the 'EBacc'.

History



Who is this course for?

In theory, this course is for anyone who has a keen interest in history. We believe that there is such a range of content at GCSE that you will find many things we study to be interesting and relevant to the modern world.

What will I study?

The GCSE course covers a wider range of history than ever before. You will study topics over a total time span of 1000 years.

How is it assessed?

The History GCSE course is assessed by three exams at the end of year 11.

<p><u>Paper One</u></p> <p>Thematic Study and Study of the Historic Environment</p>	<p>Our thematic study is Crime and Punishment in Britain c1000 - present day. We look at how crime and punishment has changed in Britain over the last 1000 or so years and try to explain why it changed.</p> <p>Part of this is a study of Jack the Ripper and his crimes in Whitechapel in 1888 (study of the historic environment).</p>
<p><u>Paper Two</u></p> <p>Period Study and British Depth Study</p>	<p>Our period study is Superpower Relations and the Cold War, 1941-1991. This unit essentially tells the story of how mistrust between the USA and the USSR almost led to a deadly nuclear war as well as looking at cold war confrontations such as the Cuban Missile Crisis.</p>

	Our British depth study looks at the Norman Conquest and how it changed England forever. This involves looking at life in Saxon England, reasons for the Norman Conquest and the nature of the Norman Conquest.
<u>Paper Three</u> Modern Depth Study	In this unit we look at the rise of Hitler and Nazism and try to understand how Hitler came to power. We also look at what life in Nazi Germany was like.

Where can this course lead me?

History is an academic subject and GCSE history is a great foundation for all post-16 courses in the humanities subjects and not just A level History. From here the options open up even further. History is a much-respected subject with employers and with universities and so History GCSE and/or A level is a very useful qualification for a range of university courses and careers including law, local Government, politics, business & enterprise, marketing, media & journalism and the Civil Service.

What else do I need to know?

History is one of the English Baccalaureate subjects and more people than ever are choosing to study it. It is an engaging, thought-provoking subject and if you opt for GCSE history you will learn about:

- All manner of crimes and punishment in Britain over the last 1000 years
- How the Normans changed the English way of life forever
- A tramp who became one of the most powerful people on the planet
- How close we came to World War 3 on so many occasions in the 20th Century

If you would like more information, please email Mr P Eatock on eatockp@maghullhigh.com

History is one of the subjects that form part of the 'EBacc'.

Music



Who is the course for?

Music at GCSE will provide you with exciting opportunities to develop your musical interests and skills. If you are interested in this course you need to be able to play a musical instrument or sing. Throughout the course you will have the opportunity to develop these skills. Please speak to your music teacher if you have any questions about whether the course is for you.

What will I study on the course?

If you opt for this course you will be preparing for a GCSE in music which involves developing skills in three areas; performing, composing and listening. In performance you will develop skills both as a soloist and as part of a group. You will be expected to take part in live performances throughout the year to develop your confidence in this area. You will also be introduced to composing (writing) your own music, look at song writing and how you can use music technology and software to help realise and refine your pieces. Finally, you will study and listen to a wide variety of music from a range of styles and do project work to develop your analysis skills. This will prepare you for listening and analysing music set works, which is a key component of the GCSE music course.

How will I be assessed?

Performance will be assessed using GCSE marking criteria by video recordings of live performance. These performances will take place both in class and as part of various performance events throughout the year. Composition is assessed by written and verbal feedback and is marked against GCSE criteria. Students will also be marked on their use of technology to notate their compositions and given feedback on how to improve this process.

Listening is assessed by exam-style questions which are awarded marks for correct responses. Questions range from simple multiple choice to full paragraph responses.

Where can this course lead me?

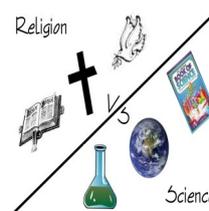
This course is useful if you are interested in becoming a musician, song-writer, composer, music journalist, teacher, or you want to show a future employer that you have a creative side. Music develops many skills that are desirable in the workplace such as teamwork, self-discipline, organisation and communication skills.

What else do I need to know?

One to one tuition is available to GCSE music students on their chosen instrument or voice. For further information please contact the music department.

If you would like more information, please email Mr A Dutch on dutch@maghullhigh.com

Religious Education



What will I study on the course?

All students must study all four content areas based upon their chosen religion.

- Beliefs and teachings
- Practices
- Sources of wisdom and authority
- Forms of expression and ways of life

Students must study both content areas based on their chosen religion.

- Beliefs and teachings
- Practices

Students must study both content areas based on their chosen religion.

- Beliefs and Practices
- Arguments for God's existence
- Equality and Discrimination

How will I be assessed?

All students must complete:

- Paper 1: Area of Study 1 – Study of Religion (Catholic Christianity, Christianity and Islam)
- Paper 2: Area of Study 2 – Study of Second Religion (Catholic Christianity, Christianity, Islam, Buddhism, Hinduism, Judaism and Sikhism).

Where can this course lead me?

Religious studies at GCSE can lead to studying for an A level in religious studies or philosophy. Religious studies and philosophy are both highly regarded university degree courses. A student who is considering any occupation which involves working with people will benefit from religious studies due to the nature of the topics discussed and the understanding and empathy engendered. Students have gone on to hospitality and catering, have joined the police and become social workers whilst A level Philosophy and Ethics is a popular choice for students interested in studying law.

What else do I need to know?

If you would like more information, please e-mail Mr S Scott on scotts@maghullhigh.com

Single Science - Biology, Chemistry and Physics

There is a choice of two routes for science GCSE qualifications. All students follow the combined science pathway unless they wish to opt for single science. Both options contain elements of all three sciences but combined science leads to two GCSEs in science and single science leads to three qualifications in biology, chemistry and physics.

Who is this course for?

This course is well suited to any student who has a keen interest in taking science A levels or moving on to a science based career in the future. Single science takes a more in depth look at the topics already studied in combined science and further develops student's problem solving and practical skills.

What will I study?

Students taking single science study the same topics as those covered in combined science but in more detail. There is one extra topic for single physics only.

Biology	Chemistry	Physics
<ol style="list-style-type: none">1. Cell biology2. Organisation3. Infection and response4. Bioenergetics5. Homeostasis and response6. Inheritance, variation and evolution7. Ecology8. Key ideas	<ol style="list-style-type: none">1. Atomic structure and the periodic table2. Bonding, structure, and the properties of matter3. Quantitative chemistry4. Chemical changes5. Energy changes6. The rate and extent of chemical change7. Organic chemistry8. Chemical analysis9. Chemistry of the atmosphere	<ol style="list-style-type: none">1. Energy2. Electricity3. Particle model of matter4. Atomic structure5. Forces6. Waves7. Magnetism and electromagnetism8. Space physics <i>(single scientists only)</i>

How is it assessed?

Single science is assessed by two 1hr 45min exams for each science, so students sit 6 exams in total: two for biology, two for chemistry and two for physics. These exams are longer than those taken by combined science students. In single science, the 3 courses are completely separate, for example, the two biology exams determine the grade for biology. This is different to combined science where all exams are added together to get two grades for science.

Where can this course lead me?

Sciences are considered facilitating subjects when applying for university. This means they allow students the widest range of options when considering what degree subject they would like to study and do not limit them to specific courses. Biology can lead to careers in medicine, veterinary science, dentistry, biomedical sciences and many more exciting careers. Chemistry develops knowledge and skills needed for careers in pharmacy, biochemistry as well as food science and drug development. Physics is an excellent starting point for careers in engineering (general, aeronautical, civil, electrical, mechanical) but can often lead to careers in business and computer science.

What else do I need to know?

All students must study a science course involving elements of all 3 sciences. There is no option to just take one of the sciences. Opting for single science allows students more lesson time to study the more in depth content required. If students do not opt for single science they will still study all 3 sciences as part of the combined science course.

If you would like more information, please e-mail Miss L Perry on perryl@maghullhigh.com

GCSE single science is one of the subjects that form part of the 'EBacc'.

Spanish



Who is the course for?

The course is best suited to students who enjoy language learning and are interested in developing their language skills to a conversational level through the GCSE. Continuing the study of a modern foreign language you will develop one of the most sought after skills in employment: the ability to communicate well.

What will I study on the course?

The course content is based around 3 main themes:

Theme 1: Identity and culture

Topics - Me, my family and friends, technology in everyday life, free-time activities, customs and festivals in Spanish-speaking countries/communities

Theme 2: Local, national, international and global areas of Interest

Topics - Home, town, neighbourhood and region, social issues, global issues, travel and tourism.

Theme 3: Current and future study and employment

Topics - My studies, life at school/college, education post-16, jobs, career choices and ambitions

How will I be assessed?

The four skill areas are assessed at GCSE: listening, reading, speaking & writing which each account for 25% of the GCSE.

The listening, reading and writing are all written exams which are taken at the end of year 11. The speaking assessment is conducted by the class teacher but also completed at the end of year 11.

Where can this course lead me?

Successful completion of the GCSE course can lead to continuation of the study of Spanish at A level, and potentially to language study at university level.

The ability to demonstrate foreign language skills to employers is a valuable asset that can lead to enhanced career opportunities. The skills are valued in a wide variety of careers from civil servant to journalist, as well as to support your study of any university qualification abroad or working specifically with the language in the future.

What else do I need to know?

Many of the best universities expect potential candidates to possess a foreign language qualification, at least to GCSE level.

If you would like more information, please email Mrs G Velasco on velascog@maghullhigh.com

GCSE Spanish is one of the subjects that form part of the 'EBacc'.

Business Studies

BTEC Tech Award Enterprise



Who is the course for?

Business studies is for everyone because you will learn a range of essential transferable skills such as interview skills, numeracy, teamwork and communication skills. We would like to highlight the importance of strong writing skills in ensuring success on this course. Business studies provides a fantastic opportunity to learn more about how large businesses operate and how to run a small business. Also it will provide information about the essential skills and attitudes needed to become an effective employee of any kind - whether you become an entrepreneur, dancer, scientist or television presenter.

What will I study on the course?

The main focus is on the knowledge, understanding and skills required to research, plan, pitch and review an enterprise idea. You will focus on the development of key skills that prove aptitude in planning an enterprise activity, including market research, planning, carrying out financial transactions, communication and problem solving. You will also be taught the knowledge that helps ensure an enterprise succeeds, such as the features and characteristics of enterprises and entrepreneurs, and the internal and external factors that can affect the performance of an enterprise.

How will I be assessed?

The course is made up of three components, two of which are internally marked (coursework) and one component which is externally marked (exam). Your internally marked work will be marked by your teacher and then checked by an external moderator. Each of the coursework components are worth 60% of the final grade and the exam is 40% of the final grade.

Where can this course lead me?

We offer business studies BTEC in the Sixth Form, however, business studies also fits in well with a whole host of other A level and BTEC subjects for example, economics, psychology, science and even theatre studies. Many students who choose to study ICT find it very useful to have a background in business.

Potential career options can include law, accounting, finance, banking, marketing, insurance, customer service, setting up your own business, international marketing, business management and events management.

What else do I need to know?

You should see business studies as an academic subject which provides all students with a very valuable insight into not only the world of business, but also the world of work in general. We have excellent results at this level and also at A level.

If you would like more information, please e-mail Mr W Maddock on maddockw@maghullhigh.com

Engineering

BTEC Engineering



Who is the course for?

This course is for anyone who enjoys designing and making, finding out how things work, problem solving and working in resistant materials. Demand for good engineers is high in practically every country in the world. This has led to professional engineers being amongst the highest paid workers across the world with unemployment lower than for almost any other profession.

What will I study on the course?

The main focus is on four areas of equal importance:

- the development of key engineering practical and technical skills, such as research, making, using computer-aided design (CAD) and disassembly
- knowledge of key engineering sectors and the interrelation of each in industry
- knowledge of the stages involved in planning and implementing an engineering project
- knowledge and skills involved in the investigation of solutions to engineering problems in response to a given brief

How will I be assessed?

The course is made up of three components: two that are internally assessed and one that is externally assessed.

Component 1. Exploring engineering sectors and design applications. Assessment: internally assessed assignment (30%)

Component 2. Investigating an engineering product
Assessment: internally assessed assignments (30%)

Component 3. Responding to an engineering brief
Assessment: externally assessed task, where students create an engineered product based on a brief (40%)

Where can this course lead me?

BTEC engineering will ideally suit anyone aiming for a practical or design based career. The qualification will equip you with the practical skills and knowledge to progress to higher level qualifications such as BTEC, HND/HNC, BSc, BEng degree courses or directly into your chosen career.

Engineering specialisms range from plumbing to aeronautics, micro-electronics to mechanical engineering, the possibilities are endless and can include:

- Architectural engineering and construction management
- Bio medical engineering
- Chemical engineering
- Civil engineering
- Computer engineering
- Design engineering
- Electrical and electronic engineering
- Software engineering and computer science
- Sports engineering

What else do I need to know?

Students who have a BTEC level 2 qualification and 5 good GCSEs increase their lifetime earning potential by 5.9%, compared to those who have just 5 or more GCSEs. BTEC helps students do better in their GCSEs. Over 60% of BTEC learners also achieve 5 A*-C GCSEs.

Engineering graduates are now among the highest paid graduates in the UK.

Results for BTEC engineering at Maghull High have repeatedly surpassed national standards.

If you would like more information, please e-mail Mr N Abraham on abrahamn@maghullhigh.com

ICT- BTEC Tech Award Digital Information Technology



Who is the course for?

The BTEC level 2 technical award in digital information technology is for learners who want to develop technical knowledge and skills through vocational contexts.

What will I study on the course?

You will be studying all aspects of IT such as project planning, designing and creating user interfaces, creating dashboards to present and interpret data. You will also be taught about the iterative design process, cyber security, virtual teams, legal and ethical codes of conduct.

How will I be assessed?

The course is made up of three components, two of which are internally marked (coursework) and one component which is externally marked (exam). Your internally marked work will be marked by your teacher and then checked by an external moderator. Each of the coursework components are worth 60% of the final grade and the exam is 40% of the final grade.

Where can this course lead me?

ICT forms a vital part of most jobs today. From designing publicity and marketing materials to checking a company's finances, the chances are you will use computers on a daily basis.

Potential career options can include analyst programmer, IT manager, database and systems administrator, computer programmer and ICT Security.

What else do I need to know?

As this course is mainly coursework based you will need to recognise that every single lesson counts towards your final grade, right from the beginning of year 10. The course will also help you with your work in many other school subjects which require the use of ICT.

If you would like more information, please e-mail Mr W Maddock on maddockw@maghullhigh.com

BTEC Level 2 Sport



Who is the course for?

If you are currently active in sports and have a good all round practical ability this could be the course for you. You will also study the wider theoretical aspects of sport during the course.

What will I study?

You will study a variety of practical activities following on from Key Stage 3. In the theory lessons you will study the human body, how to plan training programs, coaching and leading sports sessions.

How will I be assessed?

The course is made up of three components: two are internally assessed and one that is externally assessed. The assessment structure allows you to build on what you learn and develop your skills practically and theoretically as you progress through the course.

Where can this course lead me?

For students who study BTEC Sport, this is a good foundation for BTEC Level 3 at Maghull High school. It can also serve as a good foundation for Bio-mechanics or Science related courses in further education.

Potential career options include fitness trainers, recreation workers, physical education instructors, physical therapists, sports medicine, human kinetics, sport nutritionists and sport psychologists.

What else do I need to know?

We would expect you to be playing sport on a regular basis. You may be representing the school in various teams. You have a genuine interest in sport and fitness.

If you would like more information, please email Mr N Lynch on lynchn@maghullhigh.com

HOSPITALITY & CATERING

BTEC – Hospitality and Catering (EDUQAS)

Who is the course for?

This course is for everyone who enjoys cooking food, investigating the food industry and especially the catering and Hospitality sectors.

WJEC Level 1&2 Vocational Awards are designed primarily for 14-16 year old learners in a school environment. Demand for catering and hospitality professionals has never been higher and this course will introduce you to the industry demands and can lead directly to employment within both catering and the hotel sectors.

According to the British Hospitality Association; the hospitality industry is the 4th largest employer in Britain and accounts for 10% of the total UK workforce. Opportunities do not stop at the UK, as this qualification can lead to international job opportunities such as International restaurants, cruise ships and hotels.

What will I study on the course?

The course contains 2 units:

Unit 1 consist of The hospitality and Catering industry:

The hospitality industry, job requirements, operation of a kitchen, front of house operation, customer requirements, health and safety, control measures, food related illnesses, food allergies, legislation and the role of an Environmental Health Officer.

Unit2 consist of hospitality and catering in action:

Nutrition, menu planning, environmental issues, food production (cooking) and preparation, cooking methods and presentation techniques.

How will I be assessed?

The course includes elements of external assessment through both an end of course written exam and an internally assessed controlled assignment (written and practical based activity).

The course is assessed by the completion of the 2 elements (Units 1&2):

Unit 1 is worth 40% of the total mark.

Unit 2 is worth 60% of the total mark.

Grades are awarded at either BTEC Level 1 or BTEC level 2. The grades awarded are basis on a linear scale starting at a Level 1 pass and move through to the higher award levels dependent on a mark given for each unit of study.

Unit	Points award per unit			
	Level 1 Pass	Level 2 Pass	Level 2 Merit	Level 2 Distinction
1	2	4	6	8
2	3	6	9	12

BTEC Level 2 are awarded in sub-graded levels – L2 Pass, L2 Merit, L2 Distinction and L2 Distinction star*.

To be awarded a Distinction star you must be awarded Distinction in both units 1&2.

Where can this course lead me?

Hospitality and Catering will ideally suit anyone who is aiming for a practical based career. The qualification is regarded and respected by industry professionals and will allow students to progress directly to work based positions and/or college and university based food courses.

Such as:

- Hotel management.
- Food production.
- Restaurant management.
- Chef.
- Food Scientist.
- Food Technologist.
- International employment opportunities.
- Catering business.
- Bar management.
- Environmental health.
- Armed forces logistics.

What else do I need to know?

The diverse nature of the subject means that students are not restricting their opportunities for employment in other fields. Students who have studied Hospitality and Catering are gaining knowledge and skills for later life. Successful students go on to find part time and full time employment having practiced communication skills and gained a wide subject knowledge so valued by the industry.

Year 9 Curriculum Options 2021

Complete the online form sent via your school email by Friday 26th March



Name: _____ Tutor: _____

Option A (choose 1)	Option B (choose any 3)
Geography History	Art Business Studies Computer Science Dance Drama Engineering Hospitality and Catering Geography History ICT Music Religious Education Single Science *Spanish Sport
<p>*It is strongly recommended that you choose Spanish as one of your three choices from option B to enable completion of the English Baccalaureate</p>	

Complete the table below by choosing 1 subject from Option A and 3 subjects from Option B. We will endeavour to give you your first 4 choices. Where this is not possible we will allocate one of your reserve choices. You must indicate 2 reserve choices in the table below.

Option A
1.
Option B
1.
2.
3.
Reserve Choices
1.
2.

Signed (student): _____

Signed (parent/guardian): _____

Date: _____

NOTES



Ormonde Drive
Maghull
Liverpool
L31 7AW

Telephone: 0844 477 3438
Facsimile: 0844 477 3439
E-mail: school@maghullhigh.com
Website: www.maghullhigh.com