



Curriculum Guide
Year 11

Curriculum Vision

Our mission is to ensure every student leaves Great Sankey articulate, resilient, compassionate and culturally aware. That they are inspired to contribute to society, are able to pursue careers they are passionate about and live, healthy, happy and fulfilled lives.

Our ten school values fall into **three pillars of community, learning and self** and these thread their way throughout our curriculum. We believe that if children understand the purpose of what they are learning and why they are learning it; not only will they be more engaged but they are much more likely to remember what they have learnt and be able to use it again in the future.

We also recognise the huge impact that learning beyond the classroom can have but appreciate we don't know which moment at school will inspire a child or resonate with them later in their life. It could be the inspirational careers speaker, a museum or gallery visit, the Duke of Edinburgh's Award expedition, a science experiment, or be on the sports field or theatre stage. What we do know is that if we ensure children seize as many opportunities as they can something has more chance to stick and act as a catalyst.

To achieve all of the above we have designed a knowledge based, word rich curriculum and we evaluate what knowledge and skills pupils have gained (at each stage) against expectations. The impact of innovations such as knowledge organisers and student self-selected KS4 target grades, will be reviewed regularly and remodelled to help all pupils perform well. We also won't be shy about investing in our staff to ensure they are using the most effective techniques to help students secure what they learn in class is committed to their long term memory, regardless of their starting point. Furthermore, we understand that those extra important details such as careers guidance, RSE, PHSE, British Values and enrichment should not just be bolted on but play an integral part of 'what we do' as a school community. We are already the largest provider of the Duke of Edinburgh's Award in the North West and the largest provider of the John Muir environmental award nationally and are planning to create a bespoke approach to encouraging and recording participation in extra-curricular provision.

All of these plans and actions are evidence-based and research-driven.

In short, our ambition is to create a dynamic learning culture and deliver a bold curriculum and personal development programme that ensures that both students and staff have the courage and determination to **dare for greatness**.

Curriculum overview – year 11

What will my child study?

In year 11 students continue studying for their formal qualifications. Our curriculum is broad and balanced; we place great value on academic, creative and technical subjects. Students study the core subjects of English, maths, science, PE and PSHE and are able to select from a large range of options subjects. The following pages provide an overview of what students will be studying each term.

KS4 options			
GCSE courses			Vocational courses
Art and Design	Food Preparation and Nutrition	Sports Studies	BTEC Tech Award in Creative Media Production.
Business	Geography	Psychology	Graphic Design V Cert
Design and Technology	History	Religious Studies	Information Technology Cambridge National Award
Drama	French	Textiles	Music Technology V Cert

How is the curriculum sequenced?

Research around memory and how children best learn has been used to inform our curriculum planning. Subject specialist staff have thought carefully about the curriculum we deliver. Knowledge and skills are sequenced so that these are taught in a sensible order allowing for regular revisiting of knowledge and retrieval as complexity and depth build.

How will my child be assessed?

Regular assessment and high-quality feedback are essential for students to learn effectively. Students are given clear, regular feedback following each assessment they complete which consists of what went well, and areas that could be even better. Students then address the areas that could be better through Dedicated Improvement and Reflect Time (DIRT) opportunities. This information should be clearly identified on green paper in student's books.

Students complete formal mock exams in both the Autumn and Spring terms, which like in earlier years assess all of the knowledge and skills taught to students up to that point. Following these assessments teaching staff report an 'on track for' GCSE grade from 9-1. In vocational subjects a pass, merit or distinction is reported.

Homework

In English and maths students will be set one homework activity each week. In science, students will be set 3 homework activities per fortnight, one for each of biology, chemistry and physics. In all other subjects they are set two homework activities per fortnight. Homework will consist of a range of activities from using GCSEpod to completing exam questions or essays.

How can I support my child?

5 Top Tips

1. Encourage students to use their revision guides (KS4) to regularly review knowledge using techniques such as read, cover, write, check.
2. Attendance and punctuality directly relate to student attainment, avoid non-emergency medical appointments during the school day for example.
3. Talk to your child about what they have been learning at school, this helps reinforce understanding.
4. Download the SIMS app so you can monitor attitude to learning scores in lessons and homework deadline.

5. Support us and your child by attending parent consultation evenings.

If you would like to know more about our curriculum please contact Mrs C Kane, Deputy Head, C.Kane@gshs.omegamat.co.uk

Year 11 Art Curriculum Aims:

Our year 11 pupils will be completing their final major project outcome/s and finishing their sketchbook work, this will be submitted before the Christmas holidays making up 60% of their final grade. In January, our pupils will begin their exam (40%) preparation before sitting the final exam in March. Once the final submission has taken place pupils will be using our lesson time to revise for their other subjects.

Year 11 Art Curriculum	Topics	Content
Term 1	Completing their coursework and major final project final piece. Coursework will be handed in before the Christmas holidays. Mock 3hr exam. (60%)	Before our Christmas break pupils will be submitting their final major project piece/s and completed sketchbook with preparation pieces. This will make up 60% of their final grades. Students will be focusing on improving the quality of their work and showing a deeper level of understanding to gain extra marks. Incomplete work shows inconsistency, and this will hold their final grade back, so it is vital that both in school and at home pupils are spending the time to complete tasks to the best of their ability. Our Mock exam 3hrs will be spend focused on the last remaining final changes to maximise each pupil's potential.
Term 2	Towards the end of this half term our course ends. Pupils will have sat their final exam in March and handed in their preparation work. (40%)	First lesson back after Christmas pupils will be given their exam paper, they will select 1 question and build a project around their choice. All preparation work will be produced both in class and for homework, it is vital that students work hard and to a consistently good standard from day 1. Our final 10-hour exam will be sat in March, after this date our pupils will have completed both unit 1 and unit 2. Work will then be selected and displayed for our exam moderator to mark and submit each pupil's final grade.
Term 3 – Revision for other subjects.	Our cohort will have submitted their coursework and completed their exam. Our lessons will then be used for revision and GCSE Pod.	Computer rooms have been booked for our pupils to revise using GCSE pod. When not in computer rooms pupils will be using their revision guides to write out topic cards and complete past papers.

What enrichment opportunities are available and how do these support learning?

Art club is available after school; pupils need to speak to their teacher for further details. Regular homework tasks are set to strengthen understanding and improve control with the mediums.

Follow Art@GSHS on - <https://www.pinterest.co.uk> .

<https://www.wjec.co.uk/students/index.html>

After Easter <https://www.gcsepod.com/>

Where can I visit to help with my learning?

<https://wmag.culturewarrington.org/whats-on/>

<https://www.tate.org.uk/visit/tate-liverpool>

<https://www.liverpoolmuseums.org.uk/walker/>

<https://www.whitworth.manchester.ac.uk/>

<http://manchesterartgallery.org/>

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Business Studies Curriculum Vision:

“We strive to prepare all pupils at Great Sankey High School to be workplace ready and digitally literate through sequencing a relevant and knowledge rich curriculum that enthuses, engages and challenges all. We will enable our business leaders to become autonomous and ambitious learners. We aspire for each of our pupils to be resilient, independent and creative.”

In Business, we will help pupils to develop skills that will serve them well at A-Level and beyond, irrespective of the course and career they pursue after GSHS. In particular, pupils will learn how to consider human behaviour, use theory and analytical techniques and evaluate alternatives in the face of uncertainty. As well as improving their ability to interpret and present data in various forms, pupils will benefit from opportunities to progress other key skills such as Communication and Information Technology. Although many pupils will ultimately pursue careers in some area of business and therefore gain a direct benefit from having studied this subject, even those headed for less obvious commercial areas will benefit from an understanding of issues that are common to any organisation, such as motivation, project planning and budgeting.

During Business, pupils will pick up a multitude of skills and knowledge that will not only benefit them in their academic lives but also in their personal ones. As we look at a constantly changing picture in Business Studies, it allows us to monitor and evaluate the world as it changes in front of our eyes. Pupils will acquire skills such as analysis and problem solving through looking at current events and picking out the different ways that a business or government could tackle these issues. Pupils who do not go on to study in this discipline after key stage 4 or 5 will have a much deeper understanding of the working world and the economy which will place them in a much stronger position to make well informed decisions as adults. Our wish for all pupils is that they become lifelong learners with a thirst to learn more.

Year 11 Business Studies Curriculum Aims:

To introduce all pupils to the business basics through a better understanding of the business environment. Pupils will investigate the reasons why businesses exist and the different types of businesses within the external environment. By the end of Year 11, pupils will have fully developed their understanding of the role the businesses play within the wider community.

Year 11 Business Curriculum	Topics	Content
Term 1	Business growth, business aims and objectives, globalisation, ethics and environment, 4Ps	These elements allow pupils to develop a deeper understanding around the factors that can influence business growth. They dovetail well with the topics that were covered at the end of Year 10 and take the pupils' understanding to the next level.
Term 2	Business operations, working with suppliers, managing quality, the sale process, business calculations, business performance, organisational structure, effective recruitment.	Again, these elements feed into the previous topics that pupils have studied. Pupils are now expected to take business performance in the form of financial information and assess the impact that decisions have had upon the performance of the business. They are then expected to look at how the structure of the organisation and the recruitment can also impact upon how successful they are.
Term 3	Exam boosters	To prepare pupils for their forthcoming examinations and work on examination technique.

What resources can my child access for support?

Seneca, GCSE Pod, Microsoft Teams, revision guides and BBC Bitesize

What enrichment opportunities are available and how do these support learning?

World Enterprise week, external speakers and trips

Head of Department:

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Exam board: Edexcel <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/business-2017.html>

Computer Science Curriculum Vision:

“We strive to prepare all pupils at Great Sankey High School to be workplace ready and digitally literate through sequencing a relevant and knowledge rich curriculum that enthuses, engages and challenges all. We will enable our computer scientists to become autonomous and ambitious learners. We aspire for each of our pupils to be resilient, independent and creative.”

In Computer Science, we will help pupils to develop skills that will serve them well at A Level and beyond, irrespective of the course and career they pursue after GSHS. In particular, pupils will understand and apply the fundamental principles and concepts of Computer Science including abstraction, decomposition, logic, algorithms and data representation. They will be analysing problems in computational terms through practical experiences of solving such problems including designing, writing and debugging programs. They will be expected to think creatively, innovatively, analytically, logically and critically. Pupils will also understand the components that make up digital systems and how they communicate with one another and with other systems.

During Computer Science, pupils will pick a multitude of skills and knowledge that will not only benefit them in their academic lives but also in their personal ones. As we look at a constantly changing picture in IT and Computing, it allows us to monitor and evaluate the world as it changes in front of our eyes. Pupils will acquire skills such as valuable thinking and programming skills that are extremely attractive in the modern workplace. Our wish for all pupils is that they become lifelong learners with a thirst to learn more.

Year 11 Computer Science Curriculum Aims:

The Year 11 curriculum in Computer Science aims to ensure all pupils are confident in a range of areas such networking, cyber security, system software and security. The aim of this year is to ensure pupils have the knowledge of the theory elements of the subject.

Year 11 Computer Science Curriculum	Topics	Content
Term 1	Architecture of the CPU, CPU performance, embedded systems, primary storage, secondary storage	At the end of Year 10, pupils will have a wider understanding of the algorithmic thinking side of the course and this year they focus on the theory side. Pupils will have touched on these topics at Key Stage 3 and will have a basic knowledge before beginning them at GCSE level. Pupils will gain an understanding of how the CPU works and communicates with its hardware and software. Pupils will be able to explain what technologies are best for given scenarios and justify their answers.
Term 2	Network and topologies, wired and wireless networks, network security, system software, ethical and legal issues	Pupils will gain an understanding of the components of a network and how networks are built and communicate with other devices. Within this term, pupils will also gain an understanding of network security and the threats and prevention methods put in place to avoid attacks on a system's network. The final section of the course looks at the ethical, moral and legal aspects to digital technology. Pupils will be able to explain and justify how technologies impact on society, businesses and on the environment.
Term 3	Exam technique and preparation for exams	Pupils will use the time leading up to both paper 1 and paper 2 to continue practicing exam techniques on all aspects of the course. Pupils will make sure they are confident in exam technique, retrieval and revision tasks and past paper questions before taking their exams.

What resources can my child access for support?

Craig and Dave YouTube Channel, Teach ICT J277 via: https://teach-ict.com/2016/GCSE_Computing/OCR_J277/OCR_J277_home.html, Microsoft Teams / OneNote classbook, Seneca Learning and GCSEPod

What enrichment opportunities are available and how do these support learning?

From Year 9 upwards, we offer the Cyber Discovery competition, where pupils are able to put their in class knowledge of cyber threats to the test and complete different challenges against other pupils across the UK. Pupils who progress through each round will continue to develop new skills but also have the opportunity to take part in a live simulation in London. We strive to peak pupils' interest in all areas of Computing through experimentation, independent design and working well as a team.

Head of Department:

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Daniel Kerr (2nd in Business and Computing / Head of Computer Science)

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Exam board: OCR <https://www.ocr.org.uk/qualifications/gcse/computer-science-j277-from-2020>

Year 11 - Design and Technology Curriculum Vision

GCSE Design and Technology will prepare students to participate confidently and successfully in an increasingly technological world. Students will gain awareness and learn from wider influences on Design and Technology including historical, social, cultural, environmental and economic factors. Students will get the opportunity to work creatively when designing and making and apply technical and practical expertise. Our GCSE allows students to study core technical and designing and making principles, including a broad range of design processes, materials techniques and equipment. They will also have the opportunity to study specialist technical principles in greater depth. You can find out about all our Design and Technology qualifications at www.aqa.org.uk/designandtechnology.

Subject Content

At Great Sankey High School students have five lessons per fortnight in GCSE Design and Technology. In Year Ten students make three projects which will develop a number of new skills that will enable them to make an excellent project in Year 11 for their coursework. The aim of year 10 is to develop skills and knowledge across of all areas of the subject using various materials, tools, machines and processes. Your child will be provided with all the materials and components they need to complete each project.

Coursework is 50% and the written exam is 50%

Exam

What's assessed?

Core technical principles. Specialist technical principles. Designing and making principles.

In addition: at least 15% of the exam will assess maths and at least 10% of the exam will assess science.

How it's assessed

Written exam: 2 hours 100 marks = 50% of GCSE Questions

Section A – Core technical principles (20 marks) A. mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.

Section B – Specialist technical principles (30 marks). Several short answer questions (2–5 marks) and one extended response to assess a more in-depth knowledge of technical principles.

Section C – Designing and making principles (50 marks). A mixture of short answer and extended response questions.

Coursework - Non-exam assessment (NEA)

What's assessed?

Practical application of: Core technical principles. Specialist technical principles. Designing and making principles.

How it's assessed

Non-exam assessment (NEA): 30–35 hours approximately 100 marks • 50% of GCSE Task(s) • Substantial design and make task • Assessment criteria: • Identifying and investigating design possibilities • Producing a design brief and specification • Generating design ideas • Developing design ideas • Realising design ideas • Analysing & evaluating • In the spirit of the iterative design process, the above should be awarded holistically where they take place and not in a linear manner • Contextual challenges to be released annually by AQA on 1 June in the year prior to the submission of the NEA • Students will produce a prototype and a portfolio of evidence • Work will be marked by teachers and moderated by AQA

Year 11 DT GCSE	Topics	Content
Term 1	AO1 Identify, investigate and outline design possibilities (20 marks) A02 Design and make prototypes that are fit for purpose. Revision for Exam Unit Section Four and Five – Paper, board, wood, metals and polymers.	AO1 Section A - Identifying & investigating design possibilities - 10 marks AO1 Section B - Producing a design brief & specification - 10 marks A02 Section C - Generating design ideas - 20 marks A02 Section D - Developing design ideas - 20 marks This is an iterative process and students revisit all areas in the development of their coursework, so this is a guide. Students will continue to complete revision for the exam unit using one lesson per week to focus on this. Students will complete an exam on paper and boards, woods metals and polymers, stock forms and standard components, hand tools power tools and machines, shaping, joining moulding techniques, treatments and finishes.
Term 2	A02 Design and make prototypes that are fit for purpose A03 Analyse and evaluate. Coursework is completed by end of March, and we then focus on the exam and past papers for exam in May.	A02 Section D - Developing design ideas - 20 marks A02 Section E - Realising design ideas - 20 marks A03 Section F - Analysing & evaluating - 20 marks During the making section from January to February half-term students will complete revision in their own time after school and in the completion of homework. Once coursework is complete all lessons will focus on the exam with revision in lessons, past papers and booster sessions.
Term 3	GCSE Exams	

This course specification must encourage students to:

- demonstrate their understanding that all design and technological activity takes place within contexts that influence the outcomes of design practice
- develop realistic design proposals as a result of the exploration of design opportunities and users' needs, wants and values • use imagination, experimentation and combine ideas when designing
- develop the skills to critique and refine their own ideas whilst designing and making
- communicate their design ideas and decisions using different media and techniques, as appropriate for different audiences at key points in their designing
- develop decision making skills, including the planning and organisation of time and resources when managing their own project work
- develop a broad knowledge of materials, components and technologies and practical skills to develop high quality, imaginative and functional prototypes
- be ambitious and open to explore and take design risks to stretch the development of design proposals, avoiding clichéd or stereotypical responses
- consider the costs, commercial viability and marketing of products
- demonstrate safe working practices in design and technology
- use key design and technology terminology including those related to designing, innovation and communication; materials and technologies; making, manufacture and production; critiquing, values and ethics.

The exams and non-exam assessment will measure how students have achieved the following assessment objectives.

AO1: Identify, investigate and outline design possibilities to address needs and wants.

AO2: Design and make prototypes that are fit for purpose.

AO3: Analyse and evaluate design decisions and outcomes, including for prototypes made by themselves and others, wider issues in design and technology.

AO4: Demonstrate and apply knowledge and understanding of: technical principles, designing and making principles

What resources can my child access for support?

When completing homework and research tasks www.technologystudent.com is an excellent resource and there are many books in the LRC that can help. GCSE Pod is also an excellent resource especially for the exam component of the course.

What enrichment opportunities are available and how do these support learning?

Throughout the two years' students have the opportunity to visit Jaguar Land Rover to see how the Automation and assembly line works. We also have visits to companies in the area for example IKEA, Alucon and Amazon

Head of Design and Technology – Julie Attwood

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Drama Curriculum Vision:

Great Sankey Drama Department holds the shared vision that is; for all students to experience drama as a powerful means to explore and question the world around them by placing themselves in others' shoes. This is the over-arching intent and will always be at the core of our subject beliefs. Through this we hope to instil a passion for Drama and Theatre. We aim to develop pupils' language register through work in role - using language in a greater variety of situations, for a variety of audiences and purposes, including presentations and debate. Our lessons develop an ethos of respect where all feel able to take risks, raise questions and challenge their own and peers' thinking and in turn experience, and thus develop empathy. Drama students will develop through our issue-based units' compassion, patience, understanding, generosity resilience, to become life-long learners.

Our curriculum is designed to enable students to understand how drama as an art form can communicate to an audience, be able to select and use performance skills and techniques independently and with purpose and to become a reflective practitioner as a result.

Our students will experience the cultural capital of drama through studying practitioners, playwrights, staging, history, styles, and genres. In addition, the ability to analyse and evaluate work is explored both practically and in written form which prepares them for further study at GCSE and provides pupils with a firm grounding in the subject.

Year 11 Drama Curriculum Aims:

The Drama curriculum has three main areas of focus, these are Making, Performing and Responding. Skills and knowledge in these are assessed both formatively and summatively throughout our KS3 curriculum and are the key skill areas for examination at GCSE. Our curriculum is split into half-termly units. Each unit encompasses key knowledge and skill development tasks delivered as starter activities, in addition to the main task of either performing, making or responding to practical work. Units cover process-based drama, a variety of genres/styles of drama and script-based work.

In Year 11 the curriculum will cover all assessment objectives set by the exam board Eduqas. Students will demonstrate their understanding of devised theatre in the style of a practitioner or genre, complete a performance from a text and finally use their analysis and evaluation knowledge in the written exam.

Year 11 Drama Curriculum	Topics	Content
Term 1	Component 1: Devising from a Stimulus	In groups students will develop a performance in response to the stimuli set by the exam board. They will maintain a portfolio of notes which evidence the creation process. The performance is finalised through rehearsals and performed to an invited audience.
	Component 3 Mock	A full Component 3 mock exam will be completed
Term 2	Component 1 Portfolio & Evaluation	A portfolio of evidence for C1 and an evaluation will be submitted once completed under controlled conditions.

	Component 2: Performance from a text	Students will prepare 2 extracts from a published text. This text will contrast to the text studied for component 3. They will prepare for this performance through structured rehearsals.
Term 3	Component 3: Interpreting Theatre	Students will: <ul style="list-style-type: none"> • Re-cap set text in preparation for Section A written paper. • Preparation for Section B written paper.

What resources can my child access for support?

Your child will have access to resources through their online classrooms. Online platforms such as GCSE POD and BBC Bitesize have a fantastic range of resources covering the three areas of assessment focus. Students will be offered the opportunity to purchase revision guides for components 1 & 3.

What enrichment opportunities are available and how do these support learning?

We aim to organise at least one theatre trip per year, we believe accessing live theatre productions enhances students experience of the Arts and helps develop an appreciation for a variety performance styles. We have a professional theatre company that visit our school and perform for the KS4 students and then complete a workshop based around their performance style.

Our weekly extra-curricular Drama club is popular and offers further development of performance skills, through this there are performance opportunities. In addition, as part of the Performing Arts faculty we present a large-scale production, usually a musical, which we encourage pupils across all key stages to get involved with either as a performer, musician, backstage, technical or front of house team. In February 2024, we will be staging “Shrek” The Music.

Head of Performing Arts Faculty:

Exam board: Eduqas

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Electronics GCSE Curriculum vision:

This course is ideal if you are interested in a career in technological area that uses electronic or electrical systems. It allows you to learn, develop and practice the knowledge and skills required for further education in this area and employment in the electrical/electronic engineering sector.

Year 11 Curriculum Aims:

In Year 11, students move from 'Discovering Electronics' to 'Further electronics'. The course aims to build on the knowledge and skills in the first year and incorporate more advanced systems so that ultimately the student can complete unit 3 which is the practical assignment. The student will identify a problem then propose, research, design, build and test an electronic system to overcome the initial problem. The student is also expected to suggest improvements on future designs.

Subject content

Students have 5 lessons per week which will include a balance of theory backed up with practical simulations and hands on circuit building to test out the theory and cement the knowledge gained. Activities prepare students for the demands of the unit 1&2 exams (80% of total mark) and unit 3 which is the practical investigation.

Year 11 Electronics	Topics	Content
Term 1	Chapter 1 - Timing circuits Chapter 2 = Sequential systems	Learners should be able to: (a) describe how a RC network can produce a time delay (b) describe how the voltage across a charging or discharging capacitor in a RC circuit varies with time, including the interpretation of decay graphs for RC networks (c) describe how the time delay may be changed by varying R and/or C, including interpretation of the voltage–time graph for monostable and astable timers (d) describe the action of a 555 monostable timer and then use the equation $T = 1.1 RC$, where T is the pulse duration (e) describe the action of a 555 astable timer in terms of period and mark–space ratio (f) use an oscilloscope (or a computer configured as an oscilloscope) to measure the amplitude and period of the output of an astable timer (g) select and apply equations for the frequency and mark–space ratio of a 555 astable timer (h) draw and analyse the circuit diagrams for a monostable and/or astable timer based on a 555 IC
Term 2	Chapter 3 - Interfacing digital and analogue systems Chapter 4 - Control circuits	Describe the action of a Schmitt inverter and its use in debouncing signals produced by mechanical switches and analogue sensors. Compare the properties of transistors, comparators and Schmitt inverters as interfaces between analogue and digital systems. Design interface circuits using npn transistors, MOSFETs and comparators to interface input sensors to outputs. Define a microcontroller as a programmable integrated circuit into which software can be loaded to carry out a range of different tasks. (b) interface sensing circuits and output devices with microcontrollers. (c) design and analyse flowchart programs to enable microcontrollers to perform tasks. (d) describe applications of microcontrollers and the reasons for their adoption as standard technology in the vehicle and domestic appliance industry. (e) use the following operations in flowcharts: input/output, counting, branching, testing, time delay and simple arithmetic operations. (f) describe the use of a servo motor for positional control in a microcontroller system.
Term 3	Chapter 5 - Operational amplifiers	Learners should be able to: (a) state that amplifiers increase the power or voltage of signals and select and apply the equation (b) draw a gain–frequency graph for an amplifier, measure the bandwidth from the graph and describe the trade-off between gain and bandwidth. (c) produce and interpret voltage–time graphs for the input and output signals of amplifiers. (d) draw and analyse circuits for non-inverting and inverting amplifiers based upon an op-amp. (e) show graphically and explain how clipping distortion may affect the output signal of an amplifier. (f) select and apply the equations for op-amp circuits to select resistors to produce a given gain. (g) draw and analyse circuits for mixers based on a summing op-amp circuit and select and apply the equation for the summing amplifier output voltage. (h) draw a block diagram of a typical amplifier system consisting of signal source, preamplifier, mixer, power amplifier and loudspeaker

What resources can my child access for support?

There are a few BBC bite sized exercises along with the new GCSE POD but mainly in the Physics area. There is also a very good eBook on the exam boards website which can be accessed here <https://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rId=938>

Exam board WJEC <https://www.wjec.co.uk/qualifications/electronics/eduqas-electronics-gcse-from-2017/>

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English

Curriculum

Vision:

English has a pre-eminent place in Great Sankey High School and in the wider community. Our curriculum has been designed to ensure that all students have a chance to succeed, regardless of their starting points. Our seven curriculum threads are intertwined throughout the study of English Language and English Literature. In English, students will study a wide range of socially diverse texts to emphasise the reality of modern-day society and the world around them. All students will study canonical Literature texts, reflecting the rigorous and academic excellence of our subjects. All students have the right to study the discipline of English Literature; to consider how humans have found expression through rebellion, to understand the complexities of relationships and to interpret social inequalities through relevant contextual lenses. A 'Great Sankey English student' will develop a passion for reading for pleasure. They will appreciate a wide variety of fictional genres and explore the conventions of each, developing a clear understanding of how narrative, characters and themes are constructed, and why reader empathy is evoked in different contexts through authorial intent. All students will explore how the discipline of English Language creates a relationship between readers and writers. Students will actively seek to edit and improve, understanding that skilled writers will always reflect in a constructively critical manner on their work. They will strive to use ambitious and precise vocabulary in all areas of written and verbal communication. We understand that the curriculum is integral to determining the life chances, choices, and opportunities for our students. Therefore, we will never compromise on our high expectations in the pursuit of greatness!

Year 11 English Curriculum Aims:

In Year 11, students will prepare for GCSE AQA English Language and GCSE Eduqas English Literature

Year 11 English Curriculum	Topics	Content
Term 1	An Inspector Calls AQA English Language Paper 2	<p>At the start of Year 11, pupils will complete a knowledge base line assessment to recap prior learning from content covered in the year of their GCSE courses. In KS4, assessments include a combination of "Weekly Writes", Master Class Lectures, Walking Talking Mocks and Whole Class Feedback. "Weekly Writes" are activities provided in order to support student skill development. The students are then able to implement these techniques within their writing to build up a skill repertoire.</p> <p>This unit of work will build upon your knowledge of the role of a detective from the genre of Detective Fiction and the treatment of criminals at the start of the 20th Century. You will explore J. B. Priestley's play considers the theme of social inequality at the turn of the 20th Century. You will explore the British Class system and the role of women in Edwardian society.</p> <p>In this unit of work, students will be exposed to a range of different thematically extracts from the 19th century. Students will begin to read critically by answering comprehensive style questions such as identifying and interpreting information; reading in different ways for different purposes; evaluating the writer's choice of vocabulary, form, grammatical and structural features. When writing, students can manipulate and control language in order to achieve their purposes and engage their audiences.</p>
Term 2	Eduqas poetry Anthology Love and Nature clusters Macbeth Revision English Language Paper 1 revision A Christmas Carol revision Unseen poetry revision	<p>In this unit of work, students will study both contemporary poetry and poems from the Literary Heritage. Students will learn about the context of each poem; the overview of the poem; key ideas; the poets' use of language; and the structure of each poem.</p> <p>Consolidation of Literature texts and interpreting the. Critical writing skills. Study of characterisation and critical evaluation of form.</p>
Term 3	English Literature revision in preparation for GCSE Examinations. English Language revision in preparation for GCSE Examinations.	<p>The sequence of students learning will be strategically planned to ensure that students are retrieving prior learning in each lesson for both English Literature</p> <p>The sequence of students learning will be strategically planned to ensure that students are retrieving prior learning in each lesson for both English Language</p>

What resources can my child access for support?

Your child will have access to GCSE pod online.

www.bcbitesize.com

What enrichment opportunities are available and how do these support learning?

There are a multitude of reading and writing competitions running each term in the LRC to encourage students to actively read widely.

Head of English

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Food Preparation and Nutrition Curriculum vision:

Once students have opted for GCSE Food Preparation and Nutrition we aim to build on the basic principles set out in the National Curriculum. 'As part of their work with food, pupils should be taught how to cook and apply the principles of nutrition and healthy eating. Instilling a love of cooking in pupils will also open a door to one of the great expressions of human creativity. Learning how to cook is a crucial life skill that enables pupils to feed themselves and others affordably and well, now and in later life.' Our goal is to inspire students to be creative and imaginative, whilst applying their skills and knowledge to solve real and relevant problems, considering their own and others' needs, wants and values. Through cooking and nutrition, we encourage our pupils to take risks, become resourceful, innovative, enterprising and capable citizens.

Year 11 Curriculum Aims:

In Year 11, students are given two non-exam assessments to complete. These are both determined by the exam board. For the first, students have an opportunity to apply their knowledge of the working characteristics, functional and chemical properties of ingredients studied during Year 10, whilst carrying out food science experiments. The second is a more creative task and we encourage the students to take risks with their choice of designs, whilst also developing designs that fulfil a specific need.

Subject content:

Students have five single lessons every two weeks. The work is focused initially on the requirements of the NEAs which make up 50% of the final grade. Once these are completed we revisit the 5 main topics: Food nutrition and health, food science, food safety, food choice and food provenance and aim to retrieve knowledge in readiness for the final exam.

Year 11 Food Preparation and Nutrition Curriculum	Topics	Content
Term 1	NEA1.	Before the NEA1 titles are released by the exam board, students will revisit a mini NEA task so they are reminded of each of the sections and how they must be conducted. The NEA1, requires students to investigate the working characteristics and the functional and chemical properties of a particular ingredient through practical investigation. They must produce a report no longer than 2000 words, which will include research into 'how ingredients work and why'. Students will individually record their practical investigations and draw conclusions. The report will include specialist terminology gleaned from their work in Year 10.
Term 2	NEA2.	For the NEA2, students are required to produce a concise portfolio. This is the more creative task and students are required to prepare, cook and present a final menu of three dishes to meet the needs of a specific context. They are required to research the brief and present a range of possible solutions before showcasing their food preparation skills whilst producing four technical dishes. The dishes made, must be justified fully linking back to the brief. Students then carry three dishes forward and have to develop them into a new and exciting format in readiness for the final exam. This is carried out in a single three-hour session and on completion students will analyse and evaluate the outcomes through sensory testing, nutritional analysis, costing. This will then inform suggestions for improvement and possible adaptations.
Term 3	Food nutrition and health Food science Food safety Food choice Food provenance	On completion of the NEA2 a full revision programme begins. All 5 elements of the specification are revisited and techniques are taught to make the exam less daunting. Multiple choice questions are given each lesson as Section A has this format and makes up 20% of the final score. Short and long answer questions will be a key focus and mark schemes will also be used to help students see what is expected for the differing marks. In double lessons, students will have an opportunity to complete full past papers. This will help them to manage their time and practise retrieving information from all areas of the course.

What resources can my child access for support?

Your child will already have been provided with a KS4 cookbook, with a full range of tried and tested recipes included. All recipes are star rated for skill level so students know the level of challenge they are taking on. All students are provided with an Exam Practice workbook too.

Pupils are encouraged to cook at home. There are lots of fantastic cookbooks in the LRC and a reliable website is www.bbcgoodfood.com

What enrichment opportunities are available and how do these support learning?

We conduct an Interhouse competition where pupils are challenged to produce a technical dish. The purpose of this activity is to encourage teamwork and instil a 'love of cooking'. Another opportunity is to cook as part of the Duke of Edinburgh Award scheme – this will count towards the skills section. Masterclasses to perfect high level skills are held after school in preparation for the exam. There will also be in house challenges, where students can choose a mild, medium or hot recipe to make at home. Photo entries are then submitted and displayed outside the Food Technology rooms to inspire others and showcase the talent we have in school.

Exam board AQA <https://filestore.aqa.org.uk/resources/food/specifications/AQA-8585-SP-2016.PDF>

Contact:

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Geography Curriculum Vision:

A 'Great Sankey Geographer' is an informed citizen of the world with an understanding of how their lives are connected to others and shaped by the environment that we live in. A Geographer is someone that is curious about the World and thinks responsibly about how the World affects us all. Our job at Great Sankey is to create a Geographer with the knowledge of places within every continent and the physical and human features that comprise each place. For all young Geographers, it is important to have a good understanding of the social, political, economic and environmental factors that affect places from a local to a global scale.

Geography is a fascinating subject that is always changing. Geography is classed as a Science whereby 'Geo' means earth and 'graphy' means to write about. A Geographer is someone that studies the Earth. In the words of my hero David Attenborough:

"It seems to me that the natural world is the greatest source of excitement; the greatest source of visual beauty; the greatest source of intellectual interest. It is the greatest source of so much in life that makes life worth living."

— David Attenborough

Geography is separated into 'Human' and 'Physical'. The Human geography is a branch of geography that deals with the study of people and their communities, cultures, economies, and interactions with the environment by studying their relations with and across space and place. The Physical Geography is the study of natural processes and patterns. These include the atmosphere, hydrosphere, biosphere and geosphere.

We live in a world of amazing beauty, infinite complexity and rigorous challenge. Geography is the subject which opens the door to this dynamic world and prepares each one of us for the role of global citizen in the 21st century. Through studying geography, people of all ages begin to appreciate how places and landscapes are formed, how people and environments interact, what consequences arise from our everyday decisions and what a diverse range of cultures and societies exist and interconnect. Geography is a subject which builds on young people's own experiences, helping them to formulate questions about the Earth.

Year 11 Geography Curriculum Aims:

The GCSE Geography course is with AQA. We teach the new SPEC from 2016 onwards. Each student has a full copy of the Specification. Geography is made up of three exams:

1. Living with the Physical Environment (1hour 30 minutes) 35%
2. Challenges in the Human Environment (1 hour 30 minutes) 35%
3. Geographical Applications (1 hour and 15 minutes) 30%

Year 11 Geography Curriculum	Topics	Content
Term 1	Fieldwork preparation and Fieldtrip. UK Landscapes: Rivers	There will be a short burst of fieldwork preparation lessons before we go out on our fieldtrip. We will be looking at human and physical processes that act on a coastal resort. In the Autumn Term, we continue with learning about UK landscapes and are able to apply some of the key processes from coastal landscapes to river landscapes. Furthermore, we learn about the management strategies areas can put in places to protect communities from river flooding.
Term 2	The Living World	In the Spring Term, we learn about different biomes with particular focus on Tropical Rainforests and Hot Deserts. We learn about the risks that are placed on the ecosystems from human and physical activity on the landscapes and how we can mitigate and adapt.
Term 3	Resource Management and Water DME Preparation	In the Summer Term. We learn about the demand for water resources and the different strategies to increase water supply. We receive the pre-release booklet a month before paper 3, so we can analyse the booklet and practice potential questions.

What resources can my child access for support?

www.aqa.org.uk [GCSE POD](http://GCSE_POD) www.exampro.co.uk www.senecalearning.com www.s-cool.co.uk www.internetgeography.net www.coolgeography.co.uk

What enrichment opportunities are available and how do these support learning?

Geography Intervention once a week with the class teacher. Revision guides and Revision cards to purchase.

Head of Department: Mr S Elliott s.elliott@gshs.omegamat.co.uk

Graphic Design Curriculum vision:

Creativity is at the heart of our vision for Graphic Design students. In school the subject sits in the Design & Technology department and embraces traditional Art & Design techniques with new technology. Our vision is to make our students versatile multi-disciplined designers. The course is designed to build skills based whilst teaching the theory that relate to the skills, techniques and designers that they are currently producing work around. Our students study NCFE technical award Level 2. This is a new specification but this builds on the course that we have already taught with the same exam board. Students are asked to produce coursework and have a written element in year 11. It is designed to give students a well-rounded project-based introduction into the world of graphic design. Students will use industry standard software, produce a professional portfolio and learn about the wider culture of graphic design to prepare then to progress to A-Level, enter an apprenticeship or study to complement their other GCSE's.

Year 11 Curriculum Aims:

Last year in Year 10 was both a foundation year and a skills-based introduction to Graphic Design. This year students will be asked to learn about Design History and more complex aspects of Graphic Design. Students will also complete their NEA (practical project). This will use research, knowledge and development to create a piece of work that solves a design problem. Each time students research, develop and produce work they will look at the inspiration, materials, techniques and processes involved. The work they create will form some of the content for their coursework to be produced in year 11. The course will introduce them to famous graphic designers and look at typography and understand some of the basic terminology they will need to communicate their ideas and evaluate the work of others.

Subject content:

Learners will develop skills and knowledge: in using different tools and equipment competently, when experimenting with materials and techniques, in adapting their own ideas and responding to feedback and in evaluating their own work that are essential for the modern workplace, such as team working; presentation skills; independent working; working to deadlines; efficient use of resources.

Year 11 V-Cert Technical award in Graphic Design	Topics	Content
Term 1	NEA major coursework project	Researching a brief, mind mapping. Designing for a target client. Evaluating Graphic design using the design components.. Learning to use the design process to create work for others.
Term 2	Design history, revision and mock exams	Design history and timeline. Designing in the style of a designer. Significance of the Bauhaus and typeface design. Industrial processes. Continuation of NEA.

Term 3	Completion of NEA and revision. Written paper	Research a brief and execute their NEA. Analysing existing products. Students design their own solution to the challenge set by the examboard. Preparation and revision of Graphic Design theory.
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What resources can my child access for support? The exam board's website will have sample materials and information including mark schemes and assessment criteria. The Graphics department will also have a Pinterest site, with lots of inspiration and example of good Graphic design to encourage students to widen their diet of the subject. The class also have a Teams classroom page, which your son or daughter will be signed up to, where I post information/materials, classroom and homework. You can also sign up to this if you contact me via email where you will be able to read content as a guardian. YouTube is a great resource of 'how to's' especially of techniques and especially how to use the main computer programmes the students use. Plus, information on how to improve Photoshop and Illustrator skills is available from the Adobe website. Parents may also choose to purchase those programmes on a monthly fee but there is no obligation to do so as coursework must be completed in school time. <https://www.adobe.com/uk/education.html?marketSegment=EDU>

What enrichment opportunities are available and how do these support learning? Graphics after school intervention takes place every Wednesday all year and is open to year 10 & 11. We also run A-Level Graphic Design and there are opportunities to receive help from older students.

Exam board NCFE <https://www.qualhub.co.uk/qualification-search/qualification-detail/ncfe-level-12-technical-award-in-graphic-design-5169#SupportMaterials>

Lead Teacher

Ruth Hill
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History Curriculum Vision:

To provide an education that allows students to develop a greater understanding of the world we live in and why it is the way it is. It will give students the skills and confidence necessary to challenge what they see and are told in the wider world. By studying history students are able to understand their place in the story of not just Britain but the wider world view. In an ever-changing world it is important for students to have the skills to be able to identify fact from fiction, why someone may want to mislead or manipulate an event and how to identify and learn from lessons in the past.

Year 11 History Aims:

A year 11 historian is able to build on the skills they have studied in since year 7 to not only pass their GCSE with confidence but to go into the world with a sound knowledge of history and a love of learning that will go beyond a set of exam certificates.

Year 11 History Curriculum	Topics	Content
Term 1	<p>Why did Elizabeth look after the poor and how did that change society? Students will understand the social conditions during the Elizabethan period and how that had an impact on the social hierarchy.</p> <p>Why did Elizabeth face challenges at home and abroad? Students will understand the threats to her reign both at home and abroad. Students will complete a case study of the Spanish Armada.</p> <p>Why did Elizabeth have a Court and how did she rule the country? Students will understand the reasons for Elizabeth's court and how she used it to control her country.</p>	<p>At the start of year 11 we begin our third topic of life in Elizabethan England. We start this topic with a depth study on the Royal Court, the people who are in it and the power they held. Again, students are assessed using a mix of low stakes retrieval quizzes and formal exam style assessments. In the term students will continue to study life in Elizabethan England continue to build on schemas that were created in year 7 and 8 history. Students will complete a depth study on Elizabethan society and societies attitudes towards the poor and how society tried to help those in need. The final section of the course will ask students to study the challenges Elizabeth faces at home and abroad. Students are assessed at the end of each topic and a final formal mock exam</p>
Term 2	<p>Why did the US experience an economic boom and did everybody benefit from it? Students will understand why the USA were able to use new technology to power an economic boom and how society was not equal.</p> <p>Why was there a Great Depression and did the New Deal fix it? Students will understand what caused the Great Depression and how Hoover failed to deal with it and how FDR used the New Deal to try and fix it.</p>	<p>In the Spring term we complete year 11 with our USA 1920-73 topic. It starts with the causes of the economic boom we then study the consequences of the economic boom on different groups within society including women, African Americans, immigrants, workers and other aspects of society. After that student will study the causes of the Great Depression and how there was a change in the political landscape of America and the role of government. Students will evaluate the effectiveness of the New Deal, the impact of the Second World War and the social changes that took place as a result of both events. Throughout the course students will be assessed using a mix of low stakes retrieval quizzes and formal exam style assessments.</p>
Term 3	<p>Why did the USA enter the Second World War and what were the consequences? Students will understand how the Second World War caused a new period of prosperity. They will also be able to understand how inequality got worse in society and what groups tried to stop it.</p>	<p>In the summer term we complete the third topic of GCSE history by looking at the Civil Rights Movement. Students will be able to make a judgement on why the movement began and evaluate how successful it was. Throughout the topic students will be building on schemas that began in year 9</p>

What resources can my child access for support?

Students can access core information within their knowledge organisers, the ILC has a broad range of reference books alongside copies of the AQA published hindsight magazine. There is also GCSE pod, AQA approved revision guides and GSHS workbooks to support learning.

Exam board: [AQA specification](#)

What enrichment opportunities are available and how do these support learning?

There is a ks4 drop in sessions for students to provide extra support. There is also a ks4 battle fields trip to supplement the learning of GCSE students.

Head of Department: Mark Farrer

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IT Curriculum Vision:

“We strive to prepare all pupils at Great Sankey High School to be workplace ready and digitally literate through sequencing a relevant and knowledge rich curriculum that enthuses, engages and challenges all. We will enable our computer scientists to become autonomous and ambitious learners. We aspire for each of our pupils to be resilient, independent and creative.”

In IT, we will help pupils to develop skills that will serve them well at A Level and beyond, irrespective of the course and career they pursue after GSHS. In particular, pupils will understand and apply the fundamental principles and concepts of Information Technology including the use of IT in the digital world, Internet of Everything, data manipulation and Augmented Reality. They will be understanding, applying and using IT appropriately and effectively for a purpose and audience. They will be expected to think creatively, innovatively, analytically, logically and critically. Pupils will be expected to plan, design, create, test and evaluate IT solutions and products which are fit for purpose and meeting user or client requirements and apply design and Human Computer Interface (HCI) considerations appropriate for a defined audience.

During IT, pupils will pick a multitude of skills and knowledge that will not only benefit them in their academic lives but also in their personal ones. As we look at a constantly changing picture in IT and Computing, it allows us to monitor and evaluate the world as it changes in front of our eyes. Pupils will acquire an insight into the impacts of digital technologies on the individual, organisation and wider society. Our wish for all pupils is that they become lifelong learners with a thirst to learn more.

Year 11 IT Curriculum Aims:

The Year 11 curriculum in IT aims to ensure all pupils are confident in a range of areas such as flowcharts, Gantt charts, planning, developing and testing IT solutions and products. Pupils will be able to apply this knowledge to manipulate data, consider IT in the digital world and through the generation of their own augmented reality (AR) app.

Year 11 IT Curriculum	What will pupils study?	Where and why?
Term 1	Augmented Reality. Devices and industries that use AR. How to create an AR prototype.	Building on from the knowledge learned in Year 10, pupils will design and create an AR model prototype, using a range of tools and techniques. Pupils will also be able to test and review their AR model prototype. This will be a 10-12 hour assessment which will count towards 30% of the overall grade.
Term 2	IT in the Digital World. Human Computer Interface, Cyber Security, Legislation, Digital Communications and The Internet of Everything.	For this unit, pupils will look back at the theoretical knowledge and understanding to apply design tools for applications, principles of human computer interfaces and the use of data and testing in different contexts when creating IT solutions or products. Pupils will build their understanding of the uses of Internet of Everything and the application of this in everyday life, cyber-security and legislations related to the use of IT systems. They will also explore the different types of digital communications software, devices and distribution channels. This will prepare pupils for the exam which will be sat in June.
Term 3	Final submission of OCR assignment and final exam.	In the final term, pupils will have a chance to resit/improve on their Non Exam Assessment from Term 1 to ensure the best possible grade if needed. The final exam will be sat in June covering all topics from IT in the Digital World. This will be worth 40% of the overall grade.

What resources can my child access for support?

Craig and Dave YouTube Channel, Teach ICT, Microsoft Teams / OneNote classbook, Seneca Learning and GCSEPod

What enrichment opportunities are available and how do these support learning?

From Year 9 upwards, we offer the Cyber Discovery competition, where pupils are able to put their in class knowledge of cyber threats to the test and complete different challenges against other pupils across the UK. Pupils who progress through each round will continue to develop new skills but also have the opportunity to take part in a live simulation in London. We strive to peak pupils' interest in all areas of Computing through experimentation, independent design and working well as a team.

Head of Department:

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Exam board: OCR <https://www.ocr.org.uk/qualifications/cambridge-nationals/it-level-1-2-j836>

Mathematics Curriculum Vision:

Mathematics is a universal language and one that our department is completely passionate about at all levels. It is a fundamental skill that is needed for everyday life and for understanding the world around us. Key to areas such as finance, science, technology and engineering, it is vitally important that a learner has the best possible grounding in mathematics from their education. They need to understand the mathematics they learn to approach problems that need to be solved creatively, whilst showing a level of confidence and fluency in using and enhancing the mathematical skills that are valued highly in industry and higher education.

Building upon the ten core values that are at the heart of our school, the department are tasked with delivering Quality First Teaching across all Key Stage. Regardless of the ability they are teaching, they encourage learners to develop their potential to the fullest. This is coupled with showcasing their enthusiasm and knowledge of our phenomenal subject to engage and engross all stakeholders in our learning community.

Year 11 Mathematics Curriculum Aims:

The Year 11 curriculum builds on units of work previously studied in Years 9 and 10 to complete the mathematical pathway at GCSE. Students will complete the final elements of the GCSE course at the key strands of Number, Algebra, Ratio, Proportion and Probability and Statistics. As part of the Recovery Curriculum, we will continue to revisit key skills that students need to be successful in the subject as retrieval activities or recaps. This will also include the review of topics identified as areas of development from the June 2022 Year 10 assessments

Year 11 Mathematics Curriculum: Foundation	Topics	Content
Term 1	<p>Geometry – Area, perimeter, volume, surface area, plans and elevations.</p> <p>Algebra – Simplifying, expanding, factorising expressions, substitution, setting up and solving linear equations, inequalities, substitution, rearranging formula, sequences, and simultaneous equations.</p> <p>Number – equivalences of fractions, decimals, and percentages, using a calculator effectively, calculating percentage increases, decreases, reverse, change, simple interest, and compound interest.</p> <p>Geometry -- Angle properties, interior and exterior angles, bearings, Pythagoras, and trigonometry in 2D.</p> <p>MOCK 1</p> <p>Number – Four operations with integers, decimals, and fractions, directed numbers, rounding, estimation and error intervals.</p>	<p>The first term begins by looking at geometric skills of area, perimeter, volume, surface area which develop into plans and elevations. These are key elements needed in maths and across the curriculum and beyond.</p> <p>The first term continues with a focus on algebra. We review and develop the skills of algebraic manipulation and then progress towards the solving of linear equations to all levels required at the Foundation Tier along with substitution, rearranging formula, sequences and simultaneous equations.</p> <p>We then review the skills needed in areas of number, with a primary focus on Fractions, Decimals and Percentages and looking at calculations involving percentage increase, decrease, change, reverse percentages, simple interest and compound interest. It is important students know how to use their calculator effectively when working on percentages.</p> <p>The term then moves onto a geometrical focus by firstly looking at angle properties to grade 5, including working with interior and exterior angles within bearings and polygons. This then leads into Pythagoras and Trigonometry in 2D.</p> <p>Mock 1 – The preparation for the final exams begins with mocks towards the end of the first term, from this we will get a question-by-question analysis of students' knowledge in preparation for reviewing their key areas of development to work on in the coming weeks after the mocks.</p> <p>Later in the term we look at more number elements, reviewing the ability for students to calculate with decimals, integers, and fractions before moving onto approximations and error intervals.</p>
Term 2	<p>Number – HCF, LCM, product of primes, standard form, laws of indices.</p> <p>All areas of Probability</p> <p>Algebra – Graphs: Linear including the properties of the equation of a straight-line $y = mx + c$, quadratic and Real-Life graphs</p>	<p>After receiving the Mock results in January, areas for development are identified and retrievals and homework are tailored to working on embedding and enhancing the knowledge in these areas.</p> <p>The second term then starts with a focus on HCF, LCM, product of primes, standard form and then linking in indices.</p> <p>Building upon earlier work, students gain a further understanding of probability and looking at how it works in a variety of settings, including with probability trees and Venn diagrams. This allows students to gain an appreciation of the suitability of these diagrams in a range of different situations and impacts on probability, allowing students to be able to identify the potential for an event (or events) happening in</p>

	<p>Ratio: Simplifying and sharing into a given amount Proportion: Direct and Indirect Proportion, Best buy problems, Recipes, scale maps, drawings</p> <p>Mock 2</p> <p>Statistics – Calculating and using averages for discrete and continuous data, draw and interpret all statistical diagrams</p>	<p>addition allowing students to gain an ability to measure a level of risk via expected results. Students also gain an appreciation for the potential identification of bias in experimental probability situations.</p> <p>We then move onto graphs, reviewing the key skills for finding the equation of a straight line and developing the higher access Foundation Skills of drawing and interpreting the properties of quadratic and real-life graphs, including distance-time graphs which also links into Physics.</p> <p>Next, we look at ratio, a key element in maths and in other areas such as Food Technology, Science and Geography. This then links into proportion including best buy problems and direct and indirect proportion. It also links into scale maps and drawings.</p> <p>Within the later part of this term, we will be looking at the next mock to monitor students' progression since the mocks in term 1.</p> <p>We then review statistics by looking at the calculation and interpretation of key statistical measures such as the mean, median, mode and range and then moving this on to the interpretation and creation of statistical diagrams such as scatter diagrams, frequency polygons and pie charts.</p>
<p>Term 3</p>	<p>Geometry – transformation, column vectors, similarity and congruence, loci</p> <p>Exam Preparation</p> <p>Tailored lessons towards the key topics identified as areas of development from previous set of mock papers.</p> <p>Past paper practice – will prepare students and develop exam technique along with the style of exam paper questions.</p>	<p>We finish the scheme with looking at transformations via translations (including with column vectors), reflection, rotation and enlargements and then understanding about similarity and congruence which are aligned with transformations and then loci.</p> <p>We then complete preparations for the exams by working through past papers and areas that have been identified from the two mocks in December and March looking at exam technique.</p>

Year 11 Mathematics Curriculum: Higher	Topics	Content
Term 1	<p>Geometry – Area and circumference of circles, area of sectors, arc lengths, volume, surface area, cones, spheres, similarity, and congruence.</p> <p>Algebra – Expanding, factorising quadratic expressions, solving quadratic equations, completing the square, solving linear and quadratic inequalities, simultaneous equations, quadratics sequences and algebraic proof.</p> <p>Number – percentages including increase, decrease, change, reverse, simple and compound interest, recurring decimals, standard form and surds.</p> <p>Geometry – Pythagoras’ Theorem and Trigonometry in 2D and 3D, Sine and Cosine Rule, Sine Area Rule, Trigonometric Graphs, interior and Exterior Angles, bearings, and circle theorems.</p> <p>This leads into the first set of Mocks where we ascertain the progress made so far during GCSE</p>	<p>Students begin the first term of year 11 by looking at geometrical elements focussing on extending 2-D and 3-D parts such as extension of an area sector and moving this onto volume and surface area of many advanced 3-D solids such as cones, spheres, pyramids and frustums. This finishes with looking at similarity with area and volume scale factor.</p> <p>We then move onto key algebra topics where we expand upon quadratic expressions and equations, including the methods of completing the square and the quadratic formula, including the key properties which can be used within these methods. This area of algebra is completed by looking at the solutions created when solving linear and quadratic inequalities. As it is a higher tier it will also focus on proof, developing a range of strategies to approach problems that could require algebraic, geometric or numerical reasoning. This is a fundamental skill needed for students progressing to A-Level courses.</p> <p>As we move onto number, we look at their applications across the subject and across the curriculum, we then look at percentages in all elements, as well as extending students at the highest grades by looking at percentages in AO3 situations which may require additional problem solving and communication skills. Students will look over standard form and a more demanding topic – surds.</p> <p>The term then reviews geometry and pays particular focus to Pythagoras's Theorem and trigonometry of right-angled triangles. This is extended towards the sine and cosine rules and the graphs of trigonometric functions. We then continue to link in the applications of interior and exterior angles within polygons and bearings.</p> <p>The preparation for the final exams begins with mocks towards the end of the first term, from this we will get a question-by-question analysis of students in preparation for reviewing their key areas of development to work on in the coming weeks after the mocks.</p>
Term 2	<p>Geometry - Circle theorems</p> <p>Probability</p> <p>Algebra - The equation of</p> <ul style="list-style-type: none"> • a straight line • a tangent to a circle • a circle • lines parallel to a given line • perpendicular to a given line • cubic and non-linear graphs <ul style="list-style-type: none"> • Algebra – Laws of indices and rearranging formula. 	<p>Students start term 2 by reviewing the topic of circle theorems, which is a key element of advanced Physics.</p> <p>We then move on to probability and build upon earlier knowledge, students gain further understanding of how tree diagrams and Venn Diagrams work within a probability scenario. This allows students to gain an appreciation of the suitability of these diagrams in a range of different situations and impacts on probability, allowing students to be able to identify the potential for an event (or events) happening in addition allowing students to gain an ability to measure a level of risk via expected results. Students also gain an appreciation for the potential identification of bias in experimental probability situations.</p> <p>Next students move onto extending algebraic skills by focussing on the role of algebra in graphs. This begins by reviewing the concept of the equation of a straight line and its links to $y = mx + c$ before combining this with the properties of what parallel and perpendicular lines are algebraically. This then moves onto non-linear graphs, including cubic, reciprocal, and exponential graphs, which then finishes off with equations of a circle. This is a fundamental part of both Level 2 Further Mathematics and A-Level Mathematics and Further Mathematics so a quality understanding of it is key to being successful.</p> <p>Number and algebra come back to the fold with the more extensive elements of looking at indices including fractional and negative indices. This then leads into looking at algebraic ideas such as rearranging of formulas including those of a more demanding level.</p>

	<p>Ratio and Proportion-recapping direct and inverse, work algebraically with constant (k) and corresponding graphs.</p> <p>Mock 2 assessments</p> <p>Statistics – calculations and diagrams Cumulative Frequency, Box Plots, Histograms.</p>	<p>Next in the term we review ratio and proportion and look at the key skills from this element that are required for questions which are more contextual in appearance. This leads onto looking at direct and inverse proportion working algebraically with constant (k) and corresponding graphs which is a key element of mathematics, physics and engineering.</p> <p>Within the later part of this term, we will be looking at the next mocks to monitor students' progression since the mocks in term 1.</p> <p>The next stage then focuses on statistical calculations and diagrams including looking at cumulative frequency, box plots and histograms as well as comparing these via calculations such as mean and interquartile range.</p>
<p>Term 3</p>	<p>Calculating bounds, transformations, Trigonometric Graphs, Iteration, Functions, Gradients of curves and the area under a curve.</p> <p>Exam Preparation Tailored lessons towards the key topics identified as areas of concern from previous set of mock papers.</p> <p>Past paper practice – will prepare students and develop exam technique along with the style of exam paper questions.</p>	<p>Before working on preparations for the final papers we look at calculating bounds and the continuation of graphs, including the use of trigonometric graph transformations. We also work through final elements of things such as iteration, functions and gradient and areas under graphs (including speed-time and distance-time graphs)</p> <p>We then complete preparations for the exams by working through past papers and areas that have been identified from the two mocks in term 1 and term 2 looking at exam technique.</p>

What resources can my child access for support?

The department subscribes to [MathsWatch](#) and encourages the use of [GCSEPod](#) for which students are provided with logins for both. Students also have access to [Kerboodle](#) where the textbook that links to our programme of study is located. The excellent resources on [Corbett Maths](#), including the 5-a-day questions, worksheets and exam-style questions are also an excellent resource to use, along with [BBC Bitesize](#) and [Seneca Learning](#) provide additional support for students.

What enrichment opportunities are available and how do these support learning?

Year 11 students have the opportunity to attend weekly support sessions which cater for a range of topics at all grades in preparation for GCSE.

High-achieving students who have already started with the FSMQ Additional Mathematics Pathway are encouraged to continue with this in preparation for post-16 studies. In addition to this there are opportunities to take the UKMT Intermediate Mathematics Challenge and the GCSE Statistics qualification

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Exam board

[AQA 8300](#)

Media Curriculum Vision:

A 'Great Sankey Media Student' is creative, original and has a passion for communication. They will investigate the codes and conventions of specific media texts across the three main industry sectors: Moving Image, Publishing and Interactive. They will research products, developing analytical skills and understanding of composition, images and editing. They will explore media ownership, legal and ethical constraints and budget allocations. They will understand how and why media texts are constructed to provide meaning for a target audience. They will develop original and innovative production ideas, and create media texts that fulfil a set brief, using relevant technology and software. They will be able to refine and improve their productions and evaluate their effectiveness. They will strive to use technical terminology in their written communication. They will study a truly contemporary subject which is relevant to all. The media saturates everything we do in the developed world – a great media student will use these tools to analyse and critique the media which pervades their lives. Working in the creative media industry involves a wide range of practical processes, skills and techniques – from broadcast media to increasingly interactive products and platforms. As digital technology continues to evolve, media techniques have become more sophisticated and media products are becoming more advanced. However, what has not changed is that media products still have the power to enthrall, intrigue and affect audiences.

Year 11 Media Curriculum Aims:

Building on the skills from Year 10, Year 11 Media students will be further developing their production skills and evaluate their portfolio.

Year 11	What will pupils study?	Where and why?
Term 1	Component 2 Learning Aim B – Develop and Apply Media Production and post-production processes, skills and techniques to create a media product	Working to a vocational brief, students will produce a portfolio showing development of media production skills: <ul style="list-style-type: none">• skilfully and creatively experiment with production and post-production skills to combine and refine content.• experiment with post-production techniques to edit content and produce your final reworked media product. You must keep a log of the techniques you use including annotated screenshots of editing decisions and processes. Component 2 Formal Assessment – December - The Pearson-set Assignment will be completed in approximately 10 hours of supervised assessment.
Term 2	Component 3 – Create a Media Product in Response to a Brief	The external assessment is based on a key task that requires learners to demonstrate that they can identify and use effectively an appropriate selection of skills, techniques, concepts, theories and knowledge from across the whole qualification in an integrated way. The external assessment takes the form of a set task taken under supervised conditions, which is then marked and a grade awarded by Pearson. Component 3 Formal Assessment – May/June

What resources can my child access for support?

<https://www.bbc.co.uk/bitesize/subjects/ztnygk7>

<https://www.bfi.org.uk/>

<https://www.screenskills.com/careers/job-profiles/>

What enrichment opportunities are available and how do these support learning?

Trip to Warner Bros Studio – December 2022 – Making of Harry Potter Workshop - to enhance learner experience.

We will be visited by industry experts for Q&A, workshops and technical skills. Specialist software will be available.

Exam board Pearson BTEC – <https://qualifications.pearson.com/content/dam/pdf/btec-tec-awards/creative-media-production/2022/specification-and-sample-assessments/btec-tech-award-creative-media-production-2022-spec.pdf>

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MFL Vision

A 'Great Sankey Linguist' will have a strong desire to be able to communicate in another language. They will appreciate the concept that 'English is not enough' and they will have a deep interest in broadening their knowledge of the cultures of the people who speak the language they study. They will be open-minded and have a desire to learn about the customs, traditions and daily routines in countries around the world. They will be risk-takers and be willing to take on the challenge of communicating in a language other than their own native tongue. They will develop the ability to express themselves in a different language through an increasingly growing vocabulary and a deepening knowledge of grammar. They will become more confident as their fluency and spontaneity increase and will develop the linguistic skills which could enable them to pursue the study of further foreign languages. In our global society, where there is a strong likelihood that future employment will transport today's young people to distant horizons, the ability to speak a foreign language is and will continue to be, a much sought-after skill.

Year 11 French GCSE Curriculum Aims:

The aim in year 11 in the second year of the GCSE course in French is to enable students to further develop their French language skills and to equip them with the knowledge to communicate confidently in a variety of contexts. There is equal emphasis on the four skills of speaking, listening, reading and writing and students will simultaneously strengthen these skills and expand their cultural knowledge of France and the French-speaking world. Students will be able to understand and provide information and opinions about a range of themes relating to their own experiences as well as those of other people including those of people living in France and countries and communities where French is spoken. They will be equipped with the skills to enable them to progress to further study at A level.

Year 11 MFL Curriculum	Topics	Content
Term 1	<p><u>Culture and identity</u>: social media and mobile technology free-time activities in the past present and future, re-visit language to talk about sports</p> <p><u>Local, national and international areas of interest</u>: global issues, the environment, problems and solutions</p> <p><u>Local, national and international areas of interest</u>: social issues, homelessness, poverty, voluntary work</p> <p>Grammar: expressions of obligation</p>	<p>Mobile technology and social media form an integral part of the lives of today's young people and the students will be able to discuss their personal opinions and consider the advantages and disadvantages and potential dangers of technology.</p> <p>This unit will teach students how to talk about environmental problems and solutions. They will be able to talk and write about what they do to protect the environment and will learn language to talk about long-term solutions such as sources of sustainable and renewable energy. Students will be able to understand personal and factual information from longer and more complex spoken and written texts.</p> <p>They will be able to describe charitable work and the role of organisations. They will be able to discuss causes of poverty and identify vulnerable groups in society who might need help from such organisations.</p> <p>They will re-inforce all skills but in particular there will be a focus on the role-play and photo card for the October speaking assessment and the writing tasks in preparation for the December mock exam.</p>
Term 2	<p><u>Current and future study</u>: future plans, future jobs and careers</p> <p>Grammar: re-visit simple future of regular verbs, key irregular verbs in the future tense, future time expressions, use of 'quand', re-visit 'si' clauses, modal verbs, identify the present subjunctive, conditional form of devoir and pouvoir + inf., re-visit imperfect tenses, il vaudrait + inf.</p>	<p>Students will be able to understand information referring to a range of options relating to post-16 study. They will be able to identify positive and negative aspects of future pathways. They will be able to express their own intentions with regards to their future choice of study and choice of career. They will be able to identify skills required for different jobs and use a range of structures and future time expressions.</p> <p>They will use strategies which will enable them to deduce meaning from longer texts. There will intensive reinforcement of the speaking skills to enable the students to complete their mock speaking exam in February as well as their final speaking exam in April.</p>
Term 3	<p>Speaking exams in April – date to be confirmed</p> <p>Revision and intensive practice of exam strategies and content for the listening, reading and writing exams.</p>	<p>At this stage the rationale is exam-focussed and students will practise strategies for all question types through a range of contexts so that skills and knowledge can be simultaneously reinforced.</p>

What resources can my child access for support?

Your child will have access to online resources through Kerboodle, GCSEpod and www.languagenut.com
www.bcbitesize.com www.quizlet.com

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Exam board: www.aqa.org.uk

MFL Vision

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Year 11 German GCSE Curriculum Aims:

The aim in year 11 in the second year of the GCSE course in German is to enable students to further develop their German language skills and to equip them with the knowledge to communicate confidently in a variety of contexts. There is equal emphasis on the four skills of speaking, listening, reading and writing and students will simultaneously strengthen these skills and expand their cultural knowledge of Germany and the German-speaking world. Students will be able to understand and provide information and opinions about a range of themes relating to their own experiences as well as those of other people including those of people living in Germany and countries and communities where German is spoken. They will be equipped with the skills to enable them to progress to further study at A level.

Year 11 MFL Curriculum	Topics	Content
Term 1	<p><u>Culture and identity:</u> social media and mobile technology</p> <p><u>Local, national and cultural areas of interest:</u> the environment, local environmental problems</p> <p><u>Social issues:</u> charity work at home and abroad, voluntary work abroad</p> <p>Grammar: using subordinating conjunctions, da, dass, wenn, bevor, nachdem, weil, using modal verbs, pluperfect tense, quantifiers and intensifiers, 'in' with accusative and dative, re=visit comparative and superlative adjectives</p>	<p>Mobile technology and social media form an integral part of the lives of today's young people and the students will be able to discuss their personal opinions and consider the advantages and disadvantages and potential dangers of technology as well as compare life in the present day to life in the past.</p> <p>Students will be able to understand personal and factual information from longer and more complex spoken and written texts. They will be able to express their viewpoints about the local and global environment. They will be able to talk about environmental problems and suggest ways to solve them.</p> <p>They will be able to speak and write about charity work. They will be able to describe charitable work and the role of organisations. They will embed reading strategies to work out meaning of more complex written and spoken texts.</p> <p>They will re-inforce all skills but in particular there will be a focus on the role-play and photo card for the October speaking assessment and the writing tasks in preparation for the December mock exam.</p>
Term 2	<p><u>Local, national and cultural areas of interest:</u> global issues, homelessness and poverty</p> <p><u>Current and future study:</u> future plans, university, career choices and ambitions</p> <p>Grammar: re-visit future tense, adverbs hoffentlich and vielleicht, wäre and hätte in conditional sentences, expressing possibility.</p> <p>Ich muss + infinitive, indefinite pronouns, re-visit reflexive verbs, weak masculine nouns</p>	<p>Students will be able to discuss causes of poverty and identify vulnerable groups in society who might need help. They will be able to use expressions of obligation in order to suggest solutions to social problems.</p> <p>Students will be able to understand information referring to a range of options relating to post-16 study. They will be able to identify positive and negative aspects of future pathways. They will be able to express their own intentions with regards to their future choice of study and choice of career. They will be able to identify skills required for different jobs and use a range of structures and future time expressions.</p> <p>There will intensive reinforcement of the speaking skills to enable the students to complete their mock speaking exam in February as well as their final speaking exam in April.</p>
Term 3	<p>Speaking exams in April – date to be confirmed</p> <p>Revision and intensive practice of exam strategies and content for the listening, reading and writing exams.</p>	<p>At this stage the rationale is exam-focused and students will practise strategies for all question types through a range of contexts so that skills and knowledge can be simultaneously reinforced.</p>

What resources can my child access for support?

Your child will have access to online resources through Kerboodle, GCSEpod and www.languagenut.com
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MFL Vision

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Year 11 French GCSE Curriculum Aims:

The aim in year 11 in the second year of the GCSE course in Spanish is to enable students to further develop their Spanish language skills and to equip them with the knowledge to communicate confidently in a variety of contexts. There is equal emphasis on the four skills of speaking, listening, reading and writing and students will simultaneously strengthen these skills and expand their cultural knowledge of Spain and the Spanish-speaking world. Students will be able to understand and provide information and opinions about a range of themes relating to their own experiences as well as those of other people including those of people living in Spain and countries and communities where Spanish is spoken. They will be equipped with the skills to enable them to progress to further study at A level.

Year 11 Spanish Curriculum	Topics	Content
Term 1	<p><u>Global Issues:</u> The environment- reusing, recycling and reducing waste, environmental problems and solutions.</p> <p><u>Global issues:</u> Poverty and homelessness.</p> <p>Grammar: Si clauses, verbs of obligation + infinitive, impersonal verbs and the simple future tense, verbs expressing need, modal verbs, 'algo/alguien/nadie/nada.</p>	<p>This unit will teach students how to talk about environmental problems and solutions. They will be able to talk and write about what they do to protect the environment and will learn language to talk about long-term solutions such as sources of sustainable and renewable energy. Students will be able to understand personal and factual information from longer and more complex spoken and written texts.</p> <p>Students will talk about social issues and will be able to discuss problems arising from poverty in society such as homelessness. They will learn language to talk about ways of helping and supporting those who live in poverty and discuss what we should and shouldn't do to solve the problem.</p> <p>They will re-inforce all skills but in particular there will be a focus on the role-play and photo card for the October speaking assessment and the writing tasks in preparation for the December mock exam.</p>
Term 2	<p><u>Current and future study:</u> future plans, post-16 education, compare university and apprenticeships, future jobs and careers</p> <p>Grammar: Re-visit future tense to talk about future career and job choices, the conditional tense and key constructions of quisiera + infinitive</p>	<p>Students will be able to understand information referring to a range of options relating to post-16 study. They will be able to identify positive and negative aspects of future pathways. They will be able to express their own intentions with regards to their future choice of study and choice of career. They will be able to identify skills required for different jobs and use a range of structures and future time expressions.</p> <p>They will use strategies which will enable them to deduce meaning from longer texts. There will intensive reinforcement of the speaking skills to enable the students to complete their mock speaking exam in February as well as their final speaking exam in April.</p>
Term 3	<p>Speaking exams April (date to be confirmed). Revision and intensive practice of exam strategies and content for the listening, reading and writing exams.</p>	<p>At this stage the rationale is exam-focussed and students will practise strategies for all question types through a range of contexts so that skills and knowledge can be simultaneously reinforced.</p>

What resources can my child access for support?

Your child will have access to online resources through Kerboodle, GCSEpod and www.languagenut.com
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Year 11 Music Curriculum Aims (AQA GCSE Music):

At the start of year 11 pupils take a theory and listening test in order to recap and make targets for improvement. The focus for term 1 is performance, term 2 is composition and term 3 is the written exam, although the nature of the subject means that the history and theory of music are studied across the year via each component.

Year 11 Music Curriculum	Topics	Content
Term 1	Recap of theory and history of music AoS1- 4. Recap of set classical piece and set traditional pieces. Solo and Ensemble performance recording. Free & Brief Composition. Mock Paper 2	Students will take a theory and history of music AoS1- 4 test so we can audit their strengths and identify gaps in knowledge. Strategies such as Tier 3 vocabulary and memory recall tasks are common in lessons. Students will continue to study their set pieces in greater detail both through performance and research/ analysis tasks, relating to the wider context and cultural capital. Students perform their solo and ensemble performance exam in the recording studio. Students continue with their free composition and plan and embark on their brief composition, studying and exploring relevant genres, styles and traditions. Students constantly have the opportunity to develop their listening and analysis competency, allowing them to identify and discriminate musical elements, devices and styles via listening with increased confidence and commitment as the course develops.
Term 2	Completion of Free & Brief Composition with review. Recap of theory and history of music AoS1- 4. Recap of set classical piece and set traditional pieces. Solo and Ensemble performance recording. Past papers and wider context.	Students continue to embed, recall and apply their theory/ history knowledge through Tier 3 vocabulary and memory recall exercises. They complete their free and brief composition before the Easter holidays (30% of their final mark), allowing the summer term to focus on the 40% written examination. Opportunity for solo and ensemble recording in the recording studio for improvement.
Term 3	Past papers & wider context.	Revision and examination techniques are developed to their full capacity. Much further scope for KS5 and the wider context.

What resources can my child access for support?

Coursework and exam support resources will be available through Microsoft Teams. Students will be given coursework templates and exemplar material as well as revision material to support them for exams.

What enrichment opportunities are available and how do these support learning?

We offer an extensive programme with several extra-curricular groups and performance opportunities. As a performing arts faculty, we will be staging a production of “Shrek” in February 2024. In addition to this, extra-curricular groups and concerts will run throughout the year including vocal and instrumental ensembles. Students can also choose to have private instrumental/ vocal lessons delivered on a one to one basis.

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Exam board AQA

<https://filestore.aqa.org.uk/resources/music/specifications/AQA-8271-SP-2016.PDF>

PSHE Curriculum Vision:

PSHE will enable students to feel positive about who they are and to enjoy healthy, safe, responsible and fulfilled lives. Through active learning opportunities students will learn to recognise and manage risk, take increasing responsibility for themselves, their choices and behaviours and make positive contributions to their families, schools and communities.

Students will learn to recognise, develop and communicate their qualities, skills and attitudes. They build knowledge, confidence and self-esteem and make the most of their abilities. Students will learn to identify and articulate feelings and emotions, learn to manage new or difficult situations positively and form and maintain effective relationships with a wide range of people.

Our aim therefore for PSHE is to provide students with:

Accurate and relevant knowledge

Opportunities to turn that knowledge into personal understanding

Opportunities to explore, clarify and if necessary challenge, their own and others' values, attitudes, beliefs, rights and responsibilities

The skills and strategies they need in order to live healthy, safe, fulfilling, responsible and balanced lives.

At GSHS we know that learning and undertaking activities in PSHE education contribute to achievement of the curriculum aims for all young people to become:

Successful learners who enjoy learning, make progress and achieve

Confident individuals who are able to live safe, healthy and fulfilling lives

Responsible citizens who make a positive contribution to society.

At GSHS we will create a comfortable class room climate where students are confident and discuss their hopes, fears and sensitive issues; develop a set of ground rules for the PSHE class room; model good practice in the way we talk to students; provide enrichment opportunities that support and develop our students emotional and physical wellbeing; work with external providers to provide the best possible experience and expertise for our students; remain flexible with our Curriculum and respond to issues as and when they arise. Students will revisit content throughout the key stages developing knowledge and understanding which is age appropriate.

All students will receive two sessions of form time per week, split into three themes: Health and Wellbeing, Relationships and Wider World.

	Topics	Content
Term 1	<p>Health and Wellbeing Promoting self-esteem and coping with stress Learning and revision skills to maximise potential</p> <p>Wider World Understanding the college application process and plans beyond school</p> <p>Skills for employment and career progression</p>	<p>Students are now approaching their GCSE examinations and as such will be supported in developing strategies to manage stress and access relevant support when necessary. They will be encouraged to reflect on how self-esteem is affected by the judgement of others and develop attributes, skills and understanding which contribute to a healthy self-concept in the face of challenges. Students will have been developing study skills throughout their time at school but will focus now on preparing for the learning challenges of year 11 and will be supported to develop their metacognition further and will revisit the importance of using constructive feedback to improve learning. j</p> <p>In year 9 students looked at post-16 options in order to inform their GCSE choices. Students are now on the cusp of post-16 and so time will be spent revisiting options but also focusing on assessment of the appropriateness of different choices in their own circumstances. Although we encourage students to apply to our sixth form – Barrow Hall College; this is not the appropriate choice for all. They will learn how to access the best and most appropriate information, advice and support for them in relation to future choices. Students will be supported in their applications for education, apprenticeship or training.</p> <p>Students will revisit employability skills to enable them to maximise chances when applying for opportunities and to develop their career identity.</p>
Term 2	<p>Relationships Personal values and assertive communication in relationships Tackling domestic abuse and forced marriage</p>	<p>Students will be supported in developing an understanding of values, and communication strategies to maintain those values, in the context of maturing relationships. They will also learn how to handle unwanted attention, including stalking and harassment, both online and offline. Sessions will reinforce that violence in relationships is never acceptable and students will gain a greater understanding of the various forms of domestic abuse, honour based violence, and how to seek help for themselves and others. Students will learn about the legal, physical and emotional consequences of forced marriage and will be able to challenge religious, racial and gender stereotypes about forced marriage.</p>

	<p align="center">Health and Wellbeing</p> <p>Health and safety in independent contexts Taking responsibility for health choices</p>	<p>Students in year 11 will find themselves in new situations socially and so they will be supported in developing risk management and safety strategies in increasingly independent contexts. They will learn how to assess and manage risk in new situations, including those associated with attending music festivals and going on holiday without parental supervision. They will learn how to seek help in unfamiliar settings, learn more about emergency first aid and how to assess the need for different services and how to contact them. Students will be empowered to access health information and services independently and will explore the risks associated with cosmetic and aesthetic alterations to the body.</p>
<p>Term 3</p>	<p align="center">Wider World</p> <p>British values, human rights and community cohesion Challenging extremism and radicalisation</p>	<p>Students will explore the importance of British values in establishing community cohesion, their feelings about diversity, discrimination and conflicting values and develop strategies for challenging all forms of offensive behaviour. They will learn about the risks of radicalisation and extremism and about the recruitment techniques used by extremist groups.</p>

Lead Teacher

Lewis Twist

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Physical Education Curriculum Vision:

The intent of the Physical Education programme at Great Sankey High school is for students to enjoy and engage in physical activity, with the ambition to develop the skills and knowledge required to allow all learners, regardless of background and ability, to access a range of sports and physical activities both in school, during curricular and extra-curricular activities, as well as outside of the school environment. This could include an interest in sport both as a performer or spectator.

If learners have these skills and knowledge and enjoy physical activity, they will confidently adopt a physical healthy lifestyle that they will maintain into later life. They will be aware of the impact that sport and physical activity has on overall wellbeing.

Year 11 Core Physical Education Curriculum Aims:

Students should enjoy participation in physical activity. They should tackle complex and demanding physical activities. They should get involved in a range of activities that develops personal fitness and promotes an active, healthy lifestyle that in progressed into lifelong participation.

Building on the concept of Head, Heart, Hands used to assess students at Key Stage 3, we look to further develop students' knowledge, resilience and practical ability at Key Stage 4 looking to ensure students understand and implement regular physical activity in their daily life with clear pathways for lifelong participation.

Year 11 Curriculum Plan:

Activities are taught on a rotation basis. Students look to select a pathway best suited to their interests. The curriculum is designed to ensure students maintain a high level of physical activity throughout the lesson, challenging them both physically and mentally.

	Activities Include	Content
Term 1&2	Badminton	Throughout each activity students will be challenged to further develop knowledge and understanding alongside the practical performance of skills and techniques.
	Basketball	
	Dodgeball	
	Fitness	Key values of friendship, courage, inspiration, determination, equality, respect and excellence will be promoted through PE and sport.
	Football	
	Handball	
	Multi sports	

Netball	<p>Lessons are structured to ensure pupils are physically active for sustained periods of time.</p> <p>In Year 11 within practical lessons students will also focus on:</p> <p>Linking Physical activity and sport to health, fitness and mental well-being.</p> <p>Consequences of a sedentary lifestyle</p>
Rugby	
Volleyball	

What resources can my child access for support?

Information and resources for different sports can be found in the relevant National Governing Body websites. The BBC Sports Academy website is also a useful resource:

<http://news.bbc.co.uk/sport1/hi/academy/default.stm>

What enrichment opportunities are available and how do these support learning?

There is an extensive extra-curricular programme run by the PE department. Clubs are open to all students and (where applicable) competitive teams are selected from those students who attend the clubs. The department also runs a regular internal competition, giving all students the opportunity to play competitively.

Head of Department: Stuart Garry S.Garry@gshs.omegamat.co.uk

Psychology Curriculum Vision:

A Great Sankey Social Science student will have a keen interest in the world around them and want to discover what drives human behaviour. Students will be given the opportunity to explore different theoretical explanations of human behaviour in an analytical way, which will inspire them to keep questioning and will give them a thirst for knowledge over their whole lifetime. Students will develop an empathetic understanding and awareness of different social issues within society. This knowledge will enable them to develop their interpersonal skills which will enhance their ability to work with different types of people in a more productive way throughout their lives. In addition, they will have a solid grasp of the research process as it is research which underpins all areas of the Social Sciences. Students will also develop the ability to translate research findings into real world applications to use in their everyday life.

Year 11 Psychology Curriculum Aims:

The aim of our Year 11 Psychology GCSE curriculum is to aid our students to develop a real interest in Psychology which will help to motivate them to want to learn more. In addition, it will build upon the foundation created during year 10 and will help to prepare our students for their journey to study Psychology A-level at Barrow Hall College.

Year 11 GCSE	What will pupils study?	Rationale for learning journey
Psychology Curriculum		
Term 1	<p>Criminal psychology (Paper 2)</p> <p>Brain & Neuropsychology (Paper 1)</p>	<ul style="list-style-type: none"> • Criminal Psychology is interesting and relatable and will help to re-engage students after the summer break and re-vitalise their love for learning during their learning journey throughout the next year. This topic links well with the WJEC Applied Diploma in Criminology specification we study at Barrow Hall College. It also ensures we have completed all paper 2 units ahead of a full paper 2 mock in December to give an accurate 'On Track For'. • Brain and Neuropsychology is another topic students find interesting but is difficult in terms of the tier 3 vocab needed to access this topic. Studying it in year 11 means students will have gained a secure understanding of key concepts to access this topic. This topic links well with the AQA A level specification we use at A level at Barrow Hall College.
Term 2	<p>Development (Paper 1)</p> <p>Memory and Forgetting (Paper 1)</p>	<ul style="list-style-type: none"> • Development as a topic helps to go back over some of the information already learnt during the brain topic. It also helps to reinforce the growth mindset we try to instil, especially during the lead up to external exams. • Memory and forgetting - helps to recap experimental methods in time for the external exams and allows students to implement memory techniques and advice they learn in the topic in preparation for their upcoming exams. This topic links well with the AQA A level specification we use at A level at Barrow Hall College.
Term 3	External examinations	These occur from Mid-May to June. Scheduled revision would have been interleaved and completed prior to the first paper to avoid the need to 'cram'.

What resources can my child access for support?

- Our Microsoft SharePoint site - [GCSE Psychology \(sharepoint.com\)](https://sharepoint.com) - will provide access to the following resources: Curriculum map, Paper 1 & 2 Core notes, all topic activity booklets, all teacher slides, homework/revision activities, past exam questions/papers and mark schemes, careers information & Psychology beyond the classroom discovery material
- Optional purchase = Edexcel GCSE (9-1) Psychology Student Book by Christine Brain, Karren Smith, et al. | 12 May 2017 ISBN = 9781292182773
- Microsoft Teams
- For wider interest they could access the British Psychological Society Website and subscribe for £12 a year. <https://www.bps.org.uk/>
- Listen to a variety of podcasts and watch documentaries on Netflix/ YouTube. "The Mind explained" is an excellent series consisting of videos that are around 20 minutes long and accessible on YouTube

Head of Department: Lucy Kennedy l.kennedy@GSHS.omegamat.co.uk

Exam board: <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/psychology-2017.html>

Science Curriculum Vision:

A 'Great Sankey Scientist' is a curious individual with an inquisitive and enquiring mind. They strive for answers about how or why something behaves or acts the way it does. They investigate, considering all the factors that can affect their results and then evaluate their methods and strive to improve what they have done. They can make an open-minded attempt to explain the world around them using evidence and facts. They understand the value of evidence over opinion, can spot trends in data, make conclusions, and link them with explanations and understands the need for peer review. Students are not afraid to challenge ideas (in a positive way.) They have the self-motivation to read around the subject and continue their learning beyond the classroom. They think in a logical, systematic, and rational way. They are also able to use abstract thinking to link ideas and concepts together. They are problem solvers (solution focussed) with good numeracy, scientific literacy, and oracy skills. They can look at the complex systems within Biology, Chemistry and Physics and explain how they work in terms that anyone can understand. Science solves problems that affect everybody, and it enhances life where problems are not there anyway. Science provides the economic growth this country depends on. Science help pupils understand the world around them and 'how they fit.' Science provides knowledge and understanding that allows pupils to better engage in wider society. For example, pupils will have a more informed viewpoint on climate change, medical techniques, natural conservation, recycling of different materials, or nuclear power..... the list is endless! It may even lead them to become experts and leaders in these current issues; they could in turn influence future culture.

Year 11 Biology Curriculum Aims:

In year 11 students aim to consolidate learning themes from Year 9 and 10 and develop these further, deepening understanding and strengthening the links between key concepts, leading on to larger overarching topics and help to prepare to students for A level or Applied Science pathways post-16. There are two Science pathways in Yr. 11; trilogy Science and Separate Sciences. Students pathway has already decided prior to this point, those students on the separate science pathway will study some additional challenging content to further develop and deepen understanding of key biological areas. Alongside this, students will continue to develop practical, analysis and evaluative skills. The course is delivered as 4 lessons fortnightly with a Biology specialist teacher. The year curriculum is designed as a spiral to build upon and review their existing scientific knowledge from year 9 and 10, such as cells (cell transport) and Physiology (enzymes and immunity) and lead into new topics such as genetics which require a solid grounding in other areas if students are to properly grasp novel and ever-changing developments in this field. This review of knowledge from previous years will be important in preparation for firstly their mock exams in December, March and then the final exams in Summer.

Year 11 Biology Curriculum	Topics	Content
Term 1	Variation and Evolution	At the start of this term genetics modules are reviewed and covered in more depth looking at the influence the environment has on variation and also the way humans can use concepts to their advantage. Scientific discovery is also explored and how this has contributed to theories we use today. Separate scientists will build on concepts of reproduction delving further into inheritance and the importance of DNA, this understanding will be key when looking genetic modification of living organisms.
	Organising an ecosystem	Key terms previously learnt in KS3 are built upon and learners appreciate how ecosystems are organised and appreciate the diversity that occurs around the world. To further develop understanding of this, students will investigate biological sampling, by using quadrats and transects to estimate numbers of organisms in a given area.
	Retrieval and consolidation (trilogy only)	The final part of this term will be used for retrieval and consolidation of prior units in preparation for the Yr.11 mocks, learners will review key knowledge and understanding, giving them the foundations to answer examination questions.
Term 2	Adaptations, interdependence and competition in plants and animals	In the second term these units build on the knowledge and understanding of the variation and evolution to see how organisms are adapted to their environment and how they provide essential services that support human life and continued development
	Homeostasis and response (separates only)	Separate scientists will explore and deepen understanding on different control systems in the body, by looking at the brain, eye and kidney, this will require prior knowledge on hormonal coordination in humans.
	Retrieval and consolidation (trilogy only)	The final part of this term will be used for retrieval and consolidation of prior units in preparation for the Yr.11 mocks, learners will review key knowledge and understanding, giving them the foundations to answer examination questions.
Term 3	Biodiversity and Ecosystems	In the final term learners will consolidate all of the knowledge and understanding about genetics and variation and appreciate how biodiversity can be impacted by the actions of human activity of on the earth and the ways to minimise such actions.
	Retrieval and consolidation	The final few weeks of the term will be used for retrieval and consolidation of prior units in preparation for the GCSE examinations. A detailed revision plan will be shared with all students to help support them through the revision period.

What resources can my child access for support?

Their classroom teacher will provide guidance and support throughout the year, also your child will have access to online resources including text books, podcasts, exercises and questions through www.kerboodle.com. Students may also find the following resources useful to access the national curriculum and revision materials. When using these websites please make sure, AQA, trilogy (combined) science is selected.

Cognito - [Cognito \(cognitoedu.org\)](http://cognitoedu.org)

SENECA- [Free Homework & Revision for A Level, GCSE, KS3 & KS2 \(senecalearning.com\)](http://www.senecalearning.com)

BBC bitesize - www.bcbitesize.com,

Maths and physics tutor - [Physics Revision - PMT \(physicsandmathstutor.com\)](http://www.physicsandmathstutor.com)

Alongside this they will also have a knowledge organiser and can purchase revision guides from ourselves in school.

What enrichment opportunities are available and how do these support learning?

Throughout the year students will be invited to bespoke intervention sessions, alongside this STEM club provides opportunities to apply science and engineering outside of the regular curriculum. Year 11 students are encouraged to act as coaches and mentors to younger members of the club or to take on a longer-term STEM Project.

Head of Science:

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Head of Biology

Michael Davies

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Exam board AQA <https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464> (Trilogy)

Science Curriculum Vision:

A 'Great Sankey Scientist' is a curious individual with an inquisitive and enquiring mind. They strive for answers about how or why something behaves or acts the way it does. They investigate, considering all the factors that can affect their results and then evaluate their methods and strive to improve what they have done. They can make an open-minded attempt to explain the world around them using evidence and facts. They understand the value of evidence over opinion, can spot trends in data, make conclusions, and link them with explanations and understands the need for peer review. Students are not afraid to challenge ideas (in a positive way.) They have the self-motivation to read around the subject and continue their learning beyond the classroom. They think in a logical, systematic, and rational way. They are also able to use abstract thinking to link ideas and concepts together. They are problem solvers (solution focussed) with good numeracy, scientific literacy, and oracy skills. They can look at the complex systems within Biology, Chemistry and Physics and explain how they work in terms that anyone can understand. Science solves problems that affect everybody, and it enhances life where problems are not there anyway. Science provides the economic growth this country depends on. Science help pupils understand the world around them and 'how they fit.' Science provides knowledge and understanding that allows pupils to better engage in wider society. For example, pupils will have a more informed viewpoint on climate change, medical techniques, natural conservation, recycling of different materials, or nuclear power..... the list is endless! It may even lead them to become experts and leaders in these current issues; they could in turn influence future culture.

Year 11 Chemistry Curriculum Aims:

In year 11 aim students aim to consolidate learning themes from Year 9 and 10 and develop these further, deepening understanding and strengthening the links between key concepts, leading on to larger overarching topics and help to prepare to students for A level or Applied Science pathways post-16. Alongside these students will continue to develop practical, analysis and evaluative skills. The course is delivered as 4 lessons fortnightly with a Chemistry specialist teacher. The year curriculum is designed as a spiral to build upon and review their existing scientific knowledge from year 9 and 10, such as elements and compounds and application of where these are used in industry leading to new topics such as electrolysis and organic chemistry which require a solid grounding in these areas if students are to properly grasp these new concepts. Alongside this student will need to apply knowledge on common substances studied so far (e.g. metals and plastics) linking this to their usefulness and the impacts they have on the environment, naturally this then naturally leads into the chemistry of the atmosphere topic where students will understand our ever-changing climate and evaluate the impact of natural and human activities. Students will gain knowledge and appreciate the significance of sustainable living in how we obtain and use natural resources from our earth and the importance of how and why we should reuse and recycle these resources, within this topic students will review reversible reactions and apply knowledge to describe specific reaction conditions. This review of knowledge from previous years will be important in preparation for firstly their mock exams in December, March and then the final exams in Summer.

Year 11 Chemistry Curriculum	Topics	Content
Term 1	Chemistry of the atmosphere	Scientists and engineers are trying to solve the problems caused by increased levels of air pollutants. To do this we have to understand the levels of gases in our atmosphere, how they have changed and impacts the changes are having. Evaluating these changes allows scientists to make informed decisions on how pollutant gases can be reduced to minimise these impacts, whilst educating society on our ever-increasing carbon 'footprint'.
	Chemical calculations (separates only)	Atoms are the chemical building blocks of our world and it is important to understand what happens to them when chemical reactions take place. This unit expands on previous knowledge from common chemical reactions and looks at when elements react together, what happens to the mass linking to the atoms involved. These concepts start to build on the foundations of balanced symbol equations how to make reactions more sustainable.
	Chemical changes – electrolysis	All the accumulated knowledge of particles and bonding is now brought together within this chemical change's unit. Pupils will review knowledge on structure and bonding focusing particularly on knowledge of ionic substances, this will then allow pupils to look at how ionic substance can be separated via electrolysis and application of fuel cells.
	Retrieval and consolidation (trilogy only)	The final part of this term will be used for retrieval and consolidation of prior units in preparation for the Yr.11 mocks, learners will review key knowledge and understanding, giving them the foundations to answer examination questions.

Term 2	Organic Chemistry (separates only)	A great variety of organic compounds is possible because carbon atoms can form chains and rings linked by C – C bonds. Chemists can modify these organic molecules in many ways to make new and useful materials such as polymers, pharmaceuticals, perfumes, flavourings, dyes and detergents. This unit has links to the organic chemistry and Earth’s atmosphere units previously studied.
	The Earth’s Resources	Scientists and engineers are trying to solve the problems to create a more sustainable earth. Industries use the Earth’s natural resources to manufacture useful products. In order to operate sustainably, chemists seek to minimise the use of limited resources, the use of energy, waste produced and environmental impact.
	Retrieval and consolidation (trilogy only)	The final part of this term will be used for retrieval and consolidation of prior units in preparation for the Yr.11 mocks, learners will review key knowledge and understanding, giving them the foundations to answer examination questions.
Term 3	Retrieval and consolidation	The final weeks of the term will be used for retrieval and consolidation of prior units in preparation for the GCSE examinations. A detailed revision plan will be shared with all students to help support them through the revision period.

What resources can my child access for support?

Their classroom teacher will provide guidance and support throughout the year, also your child will have access to online resources including text books, podcasts, exercises and questions through www.kerboodle.com. Students may also find the following resources useful to access the national curriculum and revision materials. When using these websites please make sure, AQA, trilogy (combined) or AQA separate science is selected based on the student’s science pathway.

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BBC bitesize - www.bbcbitesize.com,

Maths and physics tutor - [Physics Revision - PMT \(physicsandmathstutor.com\)](http://physicsandmathstutor.com)

Alongside this they will also have a knowledge organiser and can purchase revision guides from ourselves in school.

What enrichment opportunities are available and how do these support learning?

Throughout the year students will be invited to bespoke intervention sessions, alongside this STEM club provides opportunities to apply science and engineering outside of the regular curriculum. Year 11 students are encouraged to act as coaches and mentors to younger members of the club or to take on a longer-term STEM Project.

Head of Science:

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Head of Chemistry

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Exam board AQA [AQA | GCSE | Combined Science: Trilogy | Specification at a glance](#) (TRILOGY)

[AQA | GCSE | Chemistry | Specification at a glance](#) (SEPARATE)

Science Curriculum Vision:

A 'Great Sankey Scientist' is a curious individual with an inquisitive and enquiring mind. They strive for answers about how or why something behaves or acts the way it does. They investigate, considering all the factors that can affect their results and then evaluate their methods and strive to improve what they have done. They can make an open-minded attempt to explain the world around them using evidence and facts. They understand the value of evidence over opinion, can spot trends in data, make conclusions, and link them with explanations and understands the need for peer review. Students are not afraid to challenge ideas (in a positive way.) They have the self-motivation to read around the subject and continue their learning beyond the classroom. They think in a logical, systematic, and rational way. They are also able to use abstract thinking to link ideas and concepts together. They are problem solvers (solution focussed) with good numeracy, scientific literacy, and oracy skills. They can look at the complex systems within Biology, Chemistry and Physics and explain how they work in terms that anyone can understand. Science solves problems that affect everybody, and it enhances life where problems are not there anyway. Science provides the economic growth this country depends on. Science help pupils understand the world around them and 'how they fit.' Science provides knowledge and understanding that allows pupils to better engage in wider society. For example, pupils will have a more informed viewpoint on climate change, medical techniques, natural conservation, recycling of different materials, or nuclear power..... the list is endless! It may even lead them to become experts and leaders in these current issues; they could in turn influence future culture.

Year 11 Physics Curriculum Aims:

In year 11 students aim to consolidate learning themes from Year 9 and 10 and develop these further, deepening understanding and strengthening the links between key concepts, leading on to larger overarching topics and help to prepare to students for A level or Applied Science pathways post-16. There are two Science pathways in Yr. 11; trilogy Science and Separate Sciences. Students pathway has already decided prior to this point, those students on the separate science pathway will study some additional challenging content to further develop and deepen understanding of key physics areas. Alongside this, students will continue to develop practical, analysis and evaluative skills. The course is delivered as 4 lessons fortnightly with a Physics specialist teacher. The year curriculum is designed as a spiral to build on scientific concepts from Year 9 and 10, students will build upon their existing scientific knowledge from these topics and look at Physics core theories and their application in context, giving them the ammunition to make informed judgements about scientific issues affecting our world today. This review of knowledge from previous years will be important in preparation for firstly their mock exams in December, March and then the final exams in Summer.

Year 11 Physics Curriculum	Topics	Content
Term 1	Forces in motion	This unit will refer to the fundamental laws of Physics first described by Sir Isaac Newton and use concepts of forces that have previously been studied. Students will then explore Newton's second law through practical discovery and expand on knowledge of forces by studying mechanical physics and its importance in the safety design of cars. All of which brings in ideas of energy transfer and stores seen in previous years.
	Forces and pressure (separates only)	Forces and pressure start with how pressure in a solid, first seen in year 8 is linked to pressure in gases seen in year 7 before talking about pressure in liquids.
	Light and sound (separates only)	Pupils will draw on knowledge from the electromagnetic spectrum from year 10 and look at how waves create colour, allow us to hear and investigate the structure of the Earth.
	Retrieval and consolidation (trilogy only) Focus on Energy transfer and stores	The final part of this term will be used for retrieval and consolidation of prior units in preparation for the Yr.11 mocks, learners will review key knowledge and understanding, giving them the foundations to answer examination questions.
Term 2	Electromagnetism	In year 8 students studied magnetism and electromagnets. The electromagnetism unit builds on this previous knowledge by looking at the applications of electromagnetism. The use of transformers in the national grid links back to ideas about domestic electricity covered in year 10.
	Space (Separates Only)	Those students studying the separate sciences will study an additional module about the universe. The unit brings together ideas from across the science curriculum to explain astrophysical phenomena.
	Retrieval and consolidation	The final part of this term will be used for retrieval and consolidation of prior units in preparation for the Yr.11 mocks, learners will review key knowledge and understanding, giving them the foundations to answer examination questions.

Term 3	Retrieval and consolidation	The final weeks of the term will be used for retrieval and consolidation of prior units in preparation for the GCSE examinations. A detailed revision plan will be shared with all students to help support them through the revision period.
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What resources can my child access for support?

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Maths and physics tutor - [Physics Revision - PMT \(physicsandmathstutor.com\)](http://physicsandmathstutor.com)

Alongside this they will also have a knowledge organiser and can purchase revision guides from ourselves in school.

What enrichment opportunities are available and how do these support learning?

Throughout the year students will be invited to bespoke intervention sessions, alongside this STEM club provides opportunities to apply science and engineering outside of the regular curriculum. Year 11 students are encouraged to act as coaches and mentors to younger members of the club or to take on a longer-term STEM Project.

Head of Science:

Emily Dulson

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Head of Physics

Sophie Warne

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Exam board AQA [AQA | GCSE | Combined Science: Trilogy | Specification at a glance](#) (TRILOGY)

[AQA | GCSE | Physics | Specification at a glance](#) (SEPARATES)

GCSE Physical Education Curriculum Aims:

The aim of our Year 11 PE GCSE curriculum is to aid our students to further develop a real interest in all aspects of Physical Education. The course offers students the opportunity to develop both practical and theoretical skills. Students will engage with key issues and themes relating to contemporary global influences on physical education and sport, receiving a well-rounded and full introduction to the world of PE, sport and sport science through the combination of physical performance and academic challenges.

Subject Content:

The GCSE is made up of four components:

Component 1: Fitness and Body Systems.

Component 2: Health and Performance.

Component 3: Practical Performance.

Component 4: Personal Exercise Programme.

How will you be assessed:

Assessment will consist of two externally examined papers and two non-examined assessment components.

Components 1 & 2 are written examinations, making up 50% of the overall grade. The assessment consists of multiple-choice, short-answer, and one extended writing question.

In component 3 the assessment consists of students completing three physical activities from a set list. One must be a team activity. One must be an individual activity. The final activity can be a free choice. This accounts for 30% of the overall grade.

Students will complete a Personal Exercise Programme in component 4, the assessment consists of students producing a Personal Exercise Programme (PEP) and will require students to analyse and evaluate their performance. This accounts for 10% of the overall grade.

Year 11 GCSE PE Curriculum Plan:

	Topics	Content
Term 1	Component 4- PEP.	The aim of the PEP is for students to develop their ability to analyse and evaluate their personal fitness to improve/optimize performance in physical activity and sport.
	Component 1- Topic 1 Anatomy and physiology	In this topic students will develop knowledge and understanding of structures and functions of skeletal and muscular systems. Students will understand how each are used during exercise.
Term 2	Component 1- Topic 2: Movement analysis	In this topic students will develop knowledge and understanding of lever systems and how they are used in physical activity.
	Revision	Students will revisit key content covered throughout the course. Students will look to further develop exam technique.
Term 3	Revision	Students will revisit key content covered throughout the course. Students will look to further develop exam technique.

One out of four lessons over a fortnight will be dedicated to developing practical skills, a link to activities that students can be assessed in can found on the link below.

What resources can my child access for support?

Students can use GCSE Pod to support progress.

A link to the specification can be found at:

<https://qualifications.pearson.com/content/dam/pdf/GCSE/Physical%20Education/2016/Specification%20and%20sample%20assessments/GCSE-physical-education-2016-specification.pdf>

What enrichment opportunities are available and how do these support learning?

Intervention session will be provided to help students achieve their best possible grades. Students will be able to access the PE Departments extensive extra-curricular programme to help develop their practical performance to assists with practical development.

Head of Department: Stuart Garry S.Garry@gshs.omegamat.co.uk Exam board: Pearson

Year 11 Textiles Curriculum Aims:

Our year 11 pupils will be completing their final major project outcome/s and finishing their sketchbook work, this will be submitted before the Christmas holidays making up 60% of their final grade. In January, our pupils will begin their exam (40%) preparation before sitting the final exam in March. Once the final submission has taken place pupils will be using our lesson time to revise for their other subjects.

Year 11 Textiles Curriculum	Topics	Content
Term 1	Completing their coursework and major final project final piece. Coursework will be handed in before the Christmas holidays. Mock 3hr exam. (60%)	Before our Christmas break pupils will be submitting their final major project piece/s and completed sketchbook with preparation pieces. This will make up 60% of their final grades. Students will be focusing on improving the quality of their work and showing a deeper level of understanding to gain extra marks. Incomplete work shows inconsistency, and this will hold their final grade back, so it is vital that both in school and at home pupils are spending the time to complete tasks to the best of their ability. Our Mock exam 3hrs will be spend focused on the last remaining final changes to maximise each pupil's potential.
Term 2	Towards the end of this half term our course ends. Pupils will have sat their final exam in March and handed in their preparation work. (40%)	First lesson back after Christmas pupils will be given their exam paper, they will select 1 question and build a project around their choice. All preparation work will be produced both in class and for homework, it is vital that students work hard and to a consistently good standard from day 1. Our final 10-hour exam will be sat in March, after this date our pupils will have completed both unit 1 and unit 2. Work will then be selected and displayed for our exam moderator to mark and submit each pupil's final grade.
Term 3 – Revision for other subjects.	Our cohort will have submitted their coursework and completed their exam. Our lessons will then be used for revision and GCSE Pod.	Computer rooms have been booked for our pupils to revise using GCSE pod. When not in computer rooms pupils will be using their revision guides to write out topic cards and complete past papers.

What enrichment opportunities are available and how do these support learning?

Art club is available after school; pupils need to speak to their teacher for further details. Regular homework tasks are set to strengthen understanding and improve control with the mediums.

Follow Art@GSHS on - <https://www.pinterest.co.uk> .

<https://www.wjec.co.uk/students/index.html>

After Easter <https://www.gcsepod.com/>

Where can I visit to help with my learning?

<https://wmag.culturewarrington.org/whats-on/>

<https://www.tate.org.uk/visit/tate-liverpool>

<https://www.liverpoolmuseums.org.uk/walker/>

<https://www.whitworth.manchester.ac.uk/>

<http://manchesterartgallery.org/>

Head of Department: Mrs Lorna Philcock.

L.Philcock@gshs.omegamat.co.uk