

St Mary's CE High School Year 10 OVERVIEW Curriculum Map 2023-2024



Year 10 Autumn Term 2023-24

As a Church school, our Christian values are central to our curriculum intent:

- A passion for learning where knowledge is appreciated and valued for its intrinsic value
- Strong, confident and happy individuals who are able to live safe, healthy, fulfilling lives and be resilient when challenged with adversity
- To create citizens of the future who make a positive contribution to society and are equipped for the world of work by achieving nationally recognised qualifications that develop career progression
- A strong understanding of social justice which seeks to embed the values of inclusion, equality and human rights so that students can confidently recognise and challenge injustice

Individual Subject Curriculum Maps can be found on the School website using this link: [Curriculum Maps](#)

Christian themes and values	The St Mary's Way, Telling the Truth, Supporting each other, Friendship, Harvest, Black History Month, Second Chances, Creation, Remembrance, Peace, Making Good Decisions, Reverence, Preparing for Christmas /Advent, Christmas/Eucharist,	SMSC across the curriculum
Tutorial programme	Students will read two texts over the year in form time: Iain Banks: The Wasp Factory Harper Lee: To Kill a Mockingbird	Keeping healthy
PSHE / RSE citizenship British values	<p>Students study PSHE two mornings a fortnight.</p> <p>The theme for Personal Development this term is Mental well-being and the impact our mental health has on our physical health. The scheme of learning aims to cultivate a holistic approach to Personal Development, nurturing students' growth, resilience, and well-being.</p> <p>Key Topic: Mental Health Key Concept: Physical Health Big Question: How can we promote and prioritize mental well-being in ourselves and others?</p> <p>The Enquiry Question covered includes:</p> <ul style="list-style-type: none"> • How do I look after my physical health? • How can our physical health impact our self-image? • Does my own self-image align with my true qualities? • How can we manage exam stress and promote mental health during exam season? • Am I making healthy choices for my mental and physical wellbeing? <p>Alignment with the 5 fundamental British Values:</p> <p>Individual Liberty: It emphasizes personal responsibility for one's physical health. It encourages individuals to make choices and take actions to maintain their physical well-being.</p> <p>How can our physical health impact our self-image?</p>	<p>Race</p> <p>Disability</p> <p>Loneliness</p> <p>Isolation</p> <p>Nature vs nurture</p> <p>Appreciation of other religions</p> <p>Good and evil</p> <p>Suffering</p>

	<p>Mutual Respect and Tolerance of Different Faiths and Beliefs: This question can connect to mutual respect and tolerance as it highlights the potential impact of physical health on self-image. It suggests that individuals may have varying beliefs and perceptions about their bodies and self-image, and it's important to respect and understand these differences.</p> <p>Does my own self-image align with my true qualities?</p> <p>Mutual Respect and Tolerance of Different Faiths and Beliefs: This enquiry delves into self-perception, which can vary among individuals. It encourages reflection on personal beliefs and self-image, promoting tolerance for diverse self-perceptions.</p> <p>How can we manage exam stress and promote mental health during exam season?</p> <p>Individual Liberty: This question relates to individual liberty as it focuses on managing stress and promoting mental health during exams, emphasizing personal agency in dealing with mental well-being.</p> <p>Am I making healthy choices for my mental and physical wellbeing?</p> <p>Democracy: This question connects to democracy as it encourages individuals to make informed choices about their mental and physical well-being. It implies that individuals should have access to information and the ability to make decisions that benefit their overall health.</p> <p>While not all the questions directly relate to the British values, they can be discussed and explored in ways that align with these values, especially through encouraging individual agency, respecting diverse perspectives, and promoting informed decision-making in matters related to physical and mental health.</p>		<p>Multiculturalism</p> <p>Race and love</p> <p>Modernism – an appreciation of art and its influence</p> <p>Conflict and impacts</p> <p>Cultural awareness</p> <p>Appreciating different societies</p> <p>Global development</p> <p>First aid</p> <p>Healthy lifestyles</p> <p>Migration</p> <p>Integration</p> <p>Climate change</p>
Core Subjects	<p>English Language Exam Board & Syllabus: AQA GCSE English Language 8700 Link to website: http://www.aqa.org.uk/subjects/english/gcse/english-literature-8702</p> <p>Link to the ENGLISH CURRICULUM MAP</p> <p>Students study a Literature unit this term</p>	<p>English Literature Exam Board & Syllabus: AQA GCSE English Literature 8702 Link to website: http://www.aqa.org.uk/subjects/english/gcse/english-literature-8702 Link to the ENGLISH CURRICULUM MAP</p> <p>In the first term of Year 10, students revisit Shakespeare and study one of his most popular plays: Romeo and Juliet. Students revisit the time that Shakespeare was writing to contextualise the themes he advances such as gender and masculinity and reputation; tragedy and loyalty. Students also consider the purpose, audience and format of the play. They also consider the writing devices and compare the intent and varying readers.</p>	
	<p>Maths FOUNDATION Exam Board & Syllabus: Pearson Edexcel GCSE Mathematics 1MA1 Link to website: MATHS EDEXCEL Link to the Curriculum Map MATHS FOUNDATION</p> <p>At the start of term students study Algebra: Simultaneous Equations</p>	<p>Maths Exam Board & Syllabus: Pearson Edexcel GCSE Mathematics 1MA1 Link to website: MATHS EDEXCEL Link to the Curriculum Map MATHS HIGHER</p> <p>At the start of term students study how to Solve quadratics by studying</p>	

	<p>Algebra is the language of maths. As the complexity of problems increase, as does the knowledge of algebra. This half term is vital for manipulating algebra in more advanced settings.</p> <p>Students will be able to:</p> <ul style="list-style-type: none"> • Solve complex linear equations • Rearrange formula • Simplify the sum of algebraic fractions in simple cases • Solve linear simultaneous equations <p>In the latter term students grapple with Percentage Growth and Decay. Percentage growth and decay attributes itself to other areas of mathematics. Having a good understanding of this allows chances of incorporating into practice later in the year.</p> <p>In this topic, students will be able to:</p> <ul style="list-style-type: none"> • Revisit converting between fraction, decimals and percentages • Recap manipulating fractions • Recap finding percentages of amounts • Find the value after a percentage in/decrease • Find the original value given a in/decreased value 	<p>Functions Algebraic Fractions. These topics will allow students to problem solve with situations involving quadratics. Students will be able to:</p> <ul style="list-style-type: none"> • Solve complex linear equations • Rearrange formula • Solve complex linear simultaneous equations • Interpret and evaluate functions, composite functions and inverse functions • Solve quadratics by completing the square • Solve equations involving algebraic fractions <p>In the latter term, students study Algebraic Fractions, Surds and Percentage Growth and Decay. These topics will allow students to problem solve with situations involving quadratics. Students will practice and master how to:</p> <ul style="list-style-type: none"> • Solve quadratics by completing the square • Solve equations involving algebraic fractions • Use surds in different contexts <p>Find reverse percentages, evaluate an amount after a repeated appreciation or depreciation</p>	<p>Global accountability</p> <p>Appreciation of art, design and music</p> <p>Challenging hate</p> <p>Problem solving</p> <p>Personal responsibility</p>
	<p>Science</p> <p>Exam Board and web link:</p> <p>AQA Trilogy (combined Science) 8464 https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464</p> <p>AQA Biology 8461 https://www.aqa.org.uk/subjects/science/gcse/biology-8461</p> <p>AQA Chemistry 8462 https://www.aqa.org.uk/subjects/science/gcse/chemistry-8462</p> <p>AQA Physics 8463 https://www.aqa.org.uk/subjects/science/gcse/physics-8463</p> <p>Link to the curriculum map SCIENCE</p> <p>AQA Trilogy (combined science). Students study for two GCSES over 8 periods in a two-week time table cycle.</p>	<p>Religious Studies</p> <p>Exam Board and Syllabus: AQA Religious Studies A (8062) Link to website: http://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-a-8062</p> <p>Link to the curriculum map RELIGIOUS STUDIES</p> <p>In the first term of Year 10 students complete the unit: Christianity beliefs and teachings. This unit involves students contemplating and being able to explain:</p> <ul style="list-style-type: none"> • God as omnipotent, loving and just, and the problem of evil and suffering. • The oneness of God and the Trinity: Father, Son and Holy Spirit. <p>In order to show their understanding, students will use different Christian beliefs about creation including the role of Word and Spirit (John 1:1-3 and Genesis 1:1-3) to illustrate their argument or viewpoint. Students will also explore:</p>	

	<p>AQA Separate Sciences. 3 GCSES are studied in year 10 over 13 periods in the two-week time table cycle (an option choice is used to accommodate for this).</p> <p>At the start of year 10, students engage in the unit: Living together – food and ecosystems. Within this unit students revisit past knowledge to build on it to secure an understanding of:</p> <ul style="list-style-type: none"> • Photosynthesis • Mode and function of enzymes • Diffusion, osmosis, active transport • Structure and function of plants • Food chains and webs • Pyramids of number and biomass transfer • Biotic and abiotic factors • Sampling methods <p>Students use this developed knowledge to demonstrate their competence in answering questions such as:</p> <ul style="list-style-type: none"> • What happens during photosynthesis? • How do producers get the substances they need? • How are organisms in an ecosystem interdependent? • How are populations affected by conditions in an ecosystem? <p>In the latter term, students then study: Chemicals of the natural environment. This requires students to gain knowledge on the:</p> <ul style="list-style-type: none"> • Properties of metals • Extracting metals • Electrolysis • Extraction and separation of crude oil <p>Students use this knowledge to consider:</p> <ul style="list-style-type: none"> • How atoms are held together in a metal • How metals react with different reactivities extracted • What are electrolytes and what happens during electrolysis 	<ul style="list-style-type: none"> • Different Christian beliefs about the afterlife and their importance, including: resurrection and life after death; judgement, heaven and hell. • The incarnation and Jesus as the Son of God, the crucifixion, resurrection and ascension. • The means of salvation, including law, grace and Spirit. The role of Christ in salvation including the idea of atonement <p>In the second term students examine Christian practices and how these are influenced by belief. Students will study:</p> <ul style="list-style-type: none"> • Liturgical, non-liturgical and informal worship, including the use of the Bible, private worship, prayer and its significance, including the Lord’s Prayer, set prayers and informal prayer. • The role and meaning of the sacraments. • The role and importance of pilgrimage and celebrations. <p>Students will also study the role of the Church in the local community including:</p> <ul style="list-style-type: none"> • food banks • street pastors • the place of mission • evangelism and Church growth. <p>They will also explore and explain the importance of the worldwide Church including:</p> <ul style="list-style-type: none"> • working for reconciliation • how Christian churches respond to persecution • the work of Christian Aid. <p>Students will be assessed before they move onto the next unit at the end of this term which is Islamic Beliefs. This includes:</p> <ul style="list-style-type: none"> • The nature of God: Tawhid • Prophethood • Holy books • Sunni and Shi’a beliefs 	
Foundation Subjects	Btec Art and Design Exam Board and syllabus: Pearson Edexcel BTEC Level 2 Art and Design Link to website: Art and Design Practice Pearson qualifications	Business Studies & Enterprise Enterprise: Exam Board: Pearson BTEC Level 2 Enterprise Link to website: ENTERPRISE Business: Pearson (GCSE 9-1)	Computer Science Exam Board & Syllabus: OCR J276 Computer Science Link to website: COMPUTER SCIENCE

	<p>Link to the curriculum map BTEC ART</p> <p>GCSE Art and Design Exam Board and syllabus: AQA Art & Design (Fine Art) Link to website: Art and Design GCSE Link to the Curriculum map ART GCSE</p>	<p>Link to the curriculum map: ENTERPRISE</p> <p>GCSE Business: Exam Board: Pearson Edexcel GCSE (9-1) in Business (1BS0) Website: Specification (pearson.com)</p>	<p>Link to the curriculum map: COMPUTER SCIENCE</p>	
	<p>Digital Information Technology Exam Board & Syllabus: BTEC Tech Awards Digital Information Technology Link to website: DIT Link to the curriculum map DIT</p>	<p>Drama Exam Board & Syllabus: Pearson Edexcel Level 1/Level 2 GCSE Drama (9-1) in Drama (1DR0) Link to website: DRAMA Link to the curriculum map DRAMA</p>	<p>Engineering Design Exam Board & Syllabus: OCR Cambridge National: Engineering Design Level 2 Certificate Link to website: ENGINEERING Link to the curriculum map ENGINEERING</p>	
	<p>French Exam Board: AQA Link to website: www.aqa.org.uk</p>	<p>Geography Exam Board & Syllabus: OCR Geography B (Geography for Enquiring Minds)) - J384 Link to exam board website: GEOGRAPHY Link to the department Website: https://smhsgeographydept.weebly.com/</p>	<p>Health and Social Care Exam Board and Syllabus: OCR Cambridge Technical award in Health and Social Care Link to website: Cambridge Technicals - Health and Social Care - OCR</p>	
	<p>Hospitality and Catering Exam Board & Syllabus: WJEC Level 2 Hospitality & Catering Link to website: HOSPITALITY & CATERING Link to the curriculum map HOSPITALITY</p>	<p>History Exam Board & Syllabus: 60180924 Pearson Edexcel Level 2 GCSE in History Link to website: HISTORY Link to the curriculum map HISTORY</p>	<p>Music Exam Board & Syllabus: Pearson - BTEC Tech Award in Music Practice Link to website: MUSIC Link to the curriculum map MUSIC</p>	
	<p>Spanish Exam Board: AQA Spanish 8698 Link to website: SPANISH Link to the curriculum map SPANISH</p>	<p>Sports Science Exam Board and Syllabus: OCR Cambridge Nationals Sport Science Link to website: https://www.ocr.org.uk/qualifications/cambridge-nationals/sport-science-level-1-2-j828/ Link to the curriculum map SPORT SCIENCE</p>	<p>Textile Design Exam Board & Syllabus: AQA GCSE Art & Design: Textile Design Link to website: TEXTILES Link to the curriculum map TEXTILES</p>	
CEIAG	<p>The focus of the year is to understand the link between revision effort in practice exams and the links to next steps P16, P18 and Careers. Students will gain an experience of a workplace for a week. In this term students will use UNIFROG to continue to explore qualifications required for careers of interest. Students will also write an action plan to focus them on what is needed to achieve their goals and aspirations.</p>			

Year 10 Spring Term 2024

Christian themes and values	New Beginnings, Forgiveness, Holocaust Memorial Week, RESPECTFULNESS, Compassion., Following the rules, Hope, Faithfulness, Thankfulness, Dignity, Lent/Eucharist		SMSC across the curriculum
Tutorial programme	Students will read two texts over the year in form time: Iain Banks: The Wasp Factory Harper Lee: To Kill a Mockingbird		Keeping healthy Race
PSHE / RSE citizenship British values	Students study PSHE two mornings a fortnight. Students cover aspects of the curriculum such as: Your healthy body: this includes keeping physically healthy, self-image, first aid Your healthy mind: Students explore mental health and exam stress You and your life: Students consider how well they know themselves as well as exploring the concept of family. You and your relationships: This unit involves showing respectful for each other, healthy relationships and dating as well as how to recognise signs of an unhealthy relationship Sexuality and gender identity: Students look at the subject of gender and sexuality		Disability Loneliness Isolation
Core Subjects	English Language Exam Board & Syllabus: AQA GCSE English Language 8700 Link to website: http://www.aqa.org.uk/subjects/english/gcse/english-literature-8702 Link to the Curriculum Map ENGLISH LANGUAGE Students study the Poetry Anthology unit for Literature this term	English Literature Exam Board & Syllabus: AQA GCSE English Literature 8702 Link to website: http://www.aqa.org.uk/subjects/english/gcse/english-literature-8702 Link to the curriculum Map ENGLISH LITERATURE Within this term, students are introduced to the unit on Poetry anthology: Power and conflict collection. Students will consider the context of the poet, the writers' intent as well as the structure used. Students also consider how themes between poems are linked, poetic movements and the use of imagery. Students are also introduced to the poetry anthology and unseen poetry using the skills they have learnt throughout their curriculum to annotate and analysis poetry.	Nature vs nurture Appreciation of other religions Good and evil Suffering Multiculturalism
	Maths Exam Board & Syllabus: Pearson Edexcel GCSE Mathematics 1MA1 Link to website: MATHS EDEXCEL Link to the Curriculum Map: MATHS FOUNDATION In the Spring term, students explore Trigonometry and Bearings . Trigonometry and bearings appear together as, for students that are more able, it allows more complex questions to be practiced, which mix these two skills together. Students will be practice and master the: <ul style="list-style-type: none"> • Use trigonometry in 2D right angled triangles • Use trigonometry without the aid of a calculator • Solve problems involving bearings 	Maths Exam Board & Syllabus: Pearson Edexcel GCSE Mathematics 1MA1 Link to website: MATHS EDEXCEL Link to the Curriculum Map MATHS HIGHER In the Spring term, students grapple with Iteration and 3D Trigonometry . This topic will allow student to find the volumes and surface area of challenging pyramids, cones, frustums and certain prisms. By the end of this topic students will be able to: <ul style="list-style-type: none"> • Convert recurring decimals to fractions • Use and solve problems with iterative formula • Use trigonometry in 2d with and without a calculator • Use trigonometry in 3d contexts 	Race and love Modernism – an appreciation of art and its influence Conflict and impacts

<ul style="list-style-type: none"> Construct triangles using a pair of compasses Solve loci problems <p>In the second part of the term, students focus on 3D Shape. Students use the prior understanding of area of shape to work with volumes and surface areas. In this term students practice and master how to:</p> <ul style="list-style-type: none"> Draw the net of a prism Use the language of 3d shapes Find the surface area of prisms Find the surface area of simple non-prisms Find the volume of prisms and cylinders Convert between units of area and volume. 	<ul style="list-style-type: none"> Solve problems involving bearings <p>In the last term of Year 10, students study 3D Shape and Advanced Statistics. Having studied 3d Pythagoras and trigonometry earlier in the year, students have the skills to find surface areas and volumes of 3D shapes with missing information. Students will be able to:</p> <ul style="list-style-type: none"> Find the volume of pyramids, cones and spheres Find the volume and surface areas of frustums Convert units of area/volume Find the averages from grouped frequency tables Use interquartile range and apply to box plots 	<p>Cultural awareness</p> <p>Appreciating different societies</p> <p>Global development</p> <p>First aid</p>
<p>Science Exam Board and web link: AQA Trilogy (combined Science) 8464 https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464 AQA Biology 8461 https://www.aqa.org.uk/subjects/science/gcse/biology-8461 AQA Chemistry 8462 https://www.aqa.org.uk/subjects/science/gcse/chemistry-8462 AQA Physics 8463 https://www.aqa.org.uk/subjects/science/gcse/physics-8463</p> <p>In this term students study Bioenergetics. The main sub-topics for this unit are:</p> <ul style="list-style-type: none"> Photosynthesis Respiration <p>Students are also taught Quantitative Chemistry. The main sub-themes for the unit are:</p> <ul style="list-style-type: none"> Chemical measurements Conservation of mass Chemical equations What is a pure substance? <p>Finally, students will explore Chemical Changes where they will learn about:</p> <ul style="list-style-type: none"> Reactivity of metals 	<p>Religious Studies Exam Board and Syllabus: AQA Religious Studies A (8062) Link to website: http://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-a-8062 Link to the Curriculum Map RELIGIOUS STUDIES</p> <p>In the Spring term, students will complete the unit above but then learn about Islam beliefs and teachings. Students will study the:</p> <ul style="list-style-type: none"> The six articles of faith in Sunni Islam and five roots of Usul ad-Din in Shi'a Islam, including key similarities and differences. The Oneness of God (Tawhid), Qur'an Surah 112. The nature of God: omnipotence, beneficence, mercy, fairness and justice (Adalat in Shi'a Islam), including different ideas about God's relationship with the world: immanence and transcendence. Angels, their nature and role, including Jibril and Mika'il. Predestination and human freedom and its relationship to the Day of Judgement. Life after death (Akhira), human responsibility and accountability, resurrection, heaven and hell. <p>In the latter term students will continue with their study of Islam to build a knowledge on Islamic beliefs and practices. Students will be able to explain their answers with an awareness of how and why Muslims practice their faith. Students will learn about:</p> <ul style="list-style-type: none"> The Five Pillars of Sunni Islam and the Ten Obligatory Acts of Shi'a Islam. 	<p>Healthy lifestyles</p> <p>Migration</p> <p>Integration</p> <p>Climate change</p> <p>Global accountability</p> <p>Appreciation of art, design and music</p> <p>Challenging hate</p> <p>Problem solving</p> <p>Personal responsibility</p>

	<ul style="list-style-type: none"> Reactions of acids Electrolysis 	<ul style="list-style-type: none"> Sawm: the role and significance of fasting during the month of Ramadan including origins, duties, benefits of fasting, the exceptions and their reasons, and the Night of Power, Qur'an 96:1-5. Zakah: the role and significance of giving alms including origins, how and why it is given, benefits of receipt, Khums in Shi'a Islam. Hajj: the role and significance of the pilgrimage to Makkah including origins, how hajj is performed, the actions pilgrims perform at sites including the Ka'aba at Makkah, Mina, Arafat, Muzdalifah and their significance. Jihad: different understandings of jihad: the meaning and significance of greater and lesser jihad; origins, influence and conditions for the declaration of lesser jihad. Festivals and commemorations and their importance for Muslims in Great Britain today, including the origins and meanings of Id-ul-Adha, Id-ul-Fitr, Ashura. 	
Foundation Subjects	Btec Art and Design Exam Board and syllabus: Pearson Edexcel BTEC Level 2 Art and Design Link to website: Art and Design Practice Pearson qualifications	Business Studies & Enterprise Enterprise: Exam Board: Pearson BTEC Level 2 Enterprise Link to website: ENTERPRISE Business: Pearson (GCSE 9-1)	Computer Science Exam Board & Syllabus: OCR J276 Computer Science Link to website: COMPUTER SCIENCE
	GCSE Art and Design Exam Board and syllabus: AQA Art & Design (Fine Art) Link to website: Art and Design GCSE	GCSE Business: Exam Board: Pearson Edexcel GCSE (9-1) in Business (1BS0) Website: Specification (pearson.com)	
	Digital Information Technology Exam Board & Syllabus: BTEC Tech Awards Digital Information Technology Link to website: DIT	Drama Exam Board & Syllabus: Pearson Edexcel Level 1/Level 2 GCSE Drama (9-1) in Drama (1DR0) Link to website: DRAMA	Engineering Design Exam Board & Syllabus: OCR Cambridge National: Engineering Design Level 2 Certificate Link to website: ENGINEERING
	French Exam Board: AQA Link to website: www.aqa.org.uk	Geography Exam Board & Syllabus: OCR Geography B (Geography for Enquiring Minds)) - J384 Link to exam board website: GEOGRAPHY	Health and Social Care Exam Board and Syllabus: OCR Cambridge Technical award in Health and Social Care

		Link to the department Website: https://smhsgeographydept.weebly.com/	Link to website: Cambridge Technicals - Health and Social Care - OCR
	Hospitality and Catering Exam Board & Syllabus: WJEC Level 2 Hospitality & Catering Link to website: HOSPITALITY & CATERING	History Exam Board & Syllabus: 60180924 Pearson Edexcel Level 2 GCSE in History Link to website: HISTORY	Music Exam Board & Syllabus: Pearson - BTEC Tech Award in Music Practice Link to website: MUSIC
	Spanish Exam Board: AQA Spanish 8698 Link to website: SPANISH	Sports Science Exam Board and Syllabus: OCR Cambridge Nationals Sport Science Link to website: https://www.ocr.org.uk/qualifications/cambridge-nationals/sport-science-level-1-2-j828/	Textile Design Exam Board & Syllabus: AQA GCSE Art & Design: Textile Design Link to website: TEXTILES
CEIAG	Students will take part in a Wexability day and use their CV to partake in an interview. Students will take part in work experience over this term		

Year 10 Summer Term

As a Church school, our Christian values are central to our curriculum intent:

- A passion for learning where knowledge is appreciated and valued for its intrinsic value
- Strong, confident and happy individuals who are able to live safe, healthy, fulfilling lives and be resilient when challenged with adversity
- To create citizens of the future who make a positive contribution to society and are equipped for the world of work by achieving nationally recognised qualifications that develop career progression
- A strong understanding of social justice which seeks to embed the values of inclusion, equality and human rights so that students can confidently recognise and challenge injustice

Individual Subject Curriculum Maps can be found on the School website using this link: [Curriculum Maps](#)

Christian themes and values	Keeping Promises, Acceptance, Empathy, Justice, Leadership, Eucharist, The Ten Commandments, Well-being/Pride, Loyalty, Well-Being, Global Citizenship, Courage, Celebrations		SMSC across the Curriculum
Tutorial programme	Students will read two texts over the year in form time: Iain Banks: The Wasp Factory Harper Lee: To Kill a Mockingbird		Keeping healthy
PSHE / RSE citizenship British values	<p>Students study PSHE two mornings a fortnight. Students cover aspects of the curriculum such as:</p> <p>Your healthy body: this includes keeping physically healthy, self-image, first aid</p> <p>Your healthy mind: Students explore mental health and exam stress</p> <p>You and your life: Students consider how well they know themselves as well as exploring the concept of family.</p> <p>You and your relationships: This unit involves showing respectful for each other, healthy relationships and dating as well as how to recognise signs of an unhealthy relationship</p> <p>Sexuality and gender identity: Students look at the subject of gender and sexuality</p>		Race Disability Loneliness Isolation
Core Subjects	<p>English Language Exam Board & Syllabus: AQA GCSE English Language 8700 Link to website: http://www.aqa.org.uk/subjects/english/gcse/english-language-8700 Link to the Curriculum Map ENGLISH LANGUAGE</p> <p>Students study Language Paper 1, which is focused on fiction. Students will explore:</p> <ul style="list-style-type: none"> • Fiction articles • Structural devices • Imagery • Sentence structures • Tone & atmosphere • Tier 2 vocabulary 	<p>English Literature Exam Board & Syllabus: AQA GCSE English Literature 8702 Link to website: http://www.aqa.org.uk/subjects/english/gcse/english-literature-8702 Link to the Curriculum Map ENGLISH LITERATURE</p> <p>This term students focus on Paper 1 and 2 of the English Language course.</p>	Nature vs nurture Appreciation of other religions Good and evil Suffering

	<p>In the second term, students study Paper 2 which is the non-fiction paper. Students will be exposed to a number of extracts and articles to identify, explain formal and informal language, colloquial language, varying reader and context through comparing a range of non-fiction articles.</p>		Multiculturalism
	<p>Maths Exam Board & Syllabus: Pearson Edexcel GCSE Mathematics 1MA1 Link to website: MATHS EDEXCEL</p> <p>Link to the Curriculum Map MATHS FOUNDATION</p> <p>In the last term of the year, students are taught Statistics. Students extend their knowledge of averages to include situations when data is presented in a table. By the end of unit, students will be able to:</p> <ul style="list-style-type: none"> • Revisit finding averages from lists • Find the average from a frequency table • Find the average from a grouped frequency table • Extend trigonometry use from earlier in the year • Draw and interpret real life graphs <p>In the latter term students study Geometry. Students recap some of the more challenging areas of geometry such as trigonometry first taught in spring 2a this year. Transformations and graphs are also reinforced and extended on from the KS3 curriculum. By the end of the unit students will have learnt and practiced the following:</p> <p>Students will be able to:</p> <ul style="list-style-type: none"> • Apply the four transformations to shapes • Find missing angles or missing lengths using trigonometry • Interpret and answer questions by reading from real life graphs • Use speed distance time graphs to answer questions • What does a flat line mean on a distance time graph? A speed time graph? • What does a “upward” line mean on a distance time graph? 	<p>Maths Exam Board & Syllabus: Pearson Edexcel GCSE Mathematics 1MA1 Link to website: MATHS EDEXCEL</p> <p>Students will study Advanced Statistics at the start of the Summer Term. After some recapping of averages, students will be able to extend their understanding of representing data with new graphs. By the end of this term students will be able to:</p> <ul style="list-style-type: none"> • Find the averages from grouped frequency tables • Use interquartile range and apply to box plots • Use box plots to compare data • Draw and interpret cumulative frequency diagrams • Draw and solve problems with histograms <p>In the latter part of the Summer term, students are taught Similarity and Non Right Angled Trigonometry. Having studied volumes and surface areas in the previous half term, students will now have the opportunity to study the effects of scaling the lengths of a shape/solid on the shapes area/volume. By the end of the unit, students will be able to:</p> <ul style="list-style-type: none"> • Use box plots to compare data • Draw and interpret cumulative frequency diagrams • Draw and solve problems with histograms • Apply similarity to area and volume • Find the area of triangles using trigonometry. • Use the cosine rule 	<p>Race and love</p> <p>Modernism – an appreciation of art and its influence</p> <p>Conflict and impacts</p> <p>Cultural awareness</p> <p>Appreciating different societies</p> <p>Global development</p> <p>First aid</p> <p>Healthy lifestyles</p> <p>Migration</p> <p>Integration Climate change</p>
	<p>Science Exam Board and web link: AQA Trilogy (combined Science) 8464</p>	<p>Religious Studies</p>	

	<p>https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464 AQA Biology 8461 https://www.aqa.org.uk/subjects/science/gcse/biology-8461 AQA Chemistry 8462 https://www.aqa.org.uk/subjects/science/gcse/chemistry-8462 AQA Physics 8463 https://www.aqa.org.uk/subjects/science/gcse/physics-8463</p> <p>In the final school term, students learn about Forces. Students will be taught about:</p> <ul style="list-style-type: none"> Forces and their interactions Work done and energy transfer Forces and elasticity Forces and motion Momentum (HT) <p>In the last term students learn about Homeostasis. They will explore:</p> <ul style="list-style-type: none"> What is homeostasis? The human nervous system Hormonal coordination in humans 	<p>Exam Board and Syllabus: AQA Religious Studies A (8062) Link to website: http://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-a-8062</p> <p>In the last term of Year 10, students study religion and Human relationships. This requires students to study a number of religions and their approaches to issues such as:</p> <p>Marriage and Divorce, including:</p> <ul style="list-style-type: none"> Reasons for divorce, and remarrying. Ethical arguments related to divorce, for example the sanctity of marriage <p>Families and gender equality The nature of families, including:</p> <ul style="list-style-type: none"> The role of parents and children Extended families and the nuclear family. <p>The purpose of families, including:</p> <ul style="list-style-type: none"> procreation stability and the protection of children educating children in a faith. <p>Contemporary family issues including:</p> <ul style="list-style-type: none"> same-sex parents polygamy. <p>The roles of men and women.</p> <ul style="list-style-type: none"> Gender equality. Gender prejudice. 	<p>Global accountability</p> <p>Appreciation of art, design and music</p> <p>Challenging hate</p> <p>Problem solving</p> <p>Personal responsibility</p>
Foundation Subjects	<p>Btec Art and Design Exam Board and syllabus: Pearson Edexcel BTEC Level 2 Art and Design Link to website: Art and Design Practice Pearson qualifications</p> <p>GCSE Art and Design Exam Board and syllabus: AQA Art & Design (Fine Art) Link to website: Art and Design GCSE</p>	<p>Business Studies & Enterprise Enterprise: Exam Board: Pearson BTEC Level 2 Enterprise Link to website: ENTERPRISE Business: Pearson (GCSE 9-1)</p> <p>GCSE Business: Exam Board: Pearson Edexcel GCSE (9-1) in Business (1BS0) Website: Specification (pearson.com)</p>	
	<p>Digital Information Technology Exam Board & Syllabus: BTEC Tech Awards Digital Information Technology</p>	<p>Computer Science Exam Board & Syllabus: OCR J276 Computer Science Link to website: COMPUTER SCIENCE</p>	

	Link to website: DIT		
	Drama Exam Board & Syllabus: Pearson Edexcel Level 1/Level 2 GCSE Drama (9-1) in Drama (1DR0) Link to website: DRAMA	Engineering Design Exam Board & Syllabus: OCR Cambridge National: Engineering Design Level 2 Certificate Link to website: ENGINEERING	
	Geography Exam Board & Syllabus: OCR Geography B (Geography for Enquiring Minds)) - J384 Link to exam board website: GEOGRAPHY Link to the department Website: https://smhsgeographydept.weebly.com/	Health and Social Care Exam Board and Syllabus: OCR Cambridge Technical award in Health and Social Care Link to website: Cambridge Technicals - Health and Social Care - OCR	
	History Exam Board & Syllabus: 60180924 Pearson Edexcel Level 2 GCSE in History Link to website: HISTORY	Music Exam Board & Syllabus: Pearson - BTEC Tech Award in Music Practice Link to website: MUSIC	
	Sports Science Exam Board and Syllabus: OCR Cambridge Nationals Sport Science Link to website: https://www.ocr.org.uk/qualifications/cambridge-nationals/sport-science-level-1-2-j828/	Textile Design Exam Board & Syllabus: AQA GCSE Art & Design: Textile Design Link to website: TEXTILES	
CEIAG	Students will be introduced to the 6 th form through a talk with the Director of Sixth Form and Sixth form students as well as conducting a tour of 6 th form area. Students will also visit or have opportunities to be exposed to university talks as they look forward to Post 18 options. Some students will have a visit to higher education and experience some vocational courses. Students will continue to log their progress on Unifrog		