

## Overview of the school curriculum for **Year 7 2016-2017**

- **Brief** details of topics taught in each term for subject area

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Maths</b>		Arithmetic and rounding Simplifying algebraic expressions Sequences Statistical diagrams Averages	Area and Perimeter Fractions and decimals Solving equations Probability	Angles Ratio and proportion Formulae Substitution Transformations	Number 3D shapes Coordinates Graphs	Revision of number and algebra for KS3 exam Measures Construction Comparing data
<b>English</b>		Baseline and Literacy Reading Age test Writing baseline: <i>Lighthouse narrative</i> Reading Baseline: <i>All Aboard</i> Literacy MOTs Autobiographical writing tasks	Poetry  Study a selection of 6 poems  <i>Assessment on one poem.</i>	Shakespeare  Openings and Shakespeare biography  <i>Assessment: Day in the life of a theatre goer.</i>	Writers' Viewpoint and Perspectives MI6 Animals Investigation  Literacy MOT 2 to be completed	Zoo Project
<b>Science</b>	<b>Biology topics covered throughout the year:</b> Cells- the building blocks of life Eating, drinking & breathing		<b>Chemistry topics covered throughout the year:</b> Mixing, dissolving & separating Elements, mixtures & compounds		<b>Physics topics covered throughout the year:</b> Forces & their effects Energy transfer & sound	
<b>Art</b>		Observational drawing with traditional fine art materials, Pop art, 3 dimensional sculpture of sweet packet.	Observational drawing with traditional fine art materials, Pop art, 3 dimensional sculpture of sweet packet.	Self portrait	Collage, mixed media skills and photography	Design a book cover and illustration
<b>French</b> Year 7 Year 8 1 <sup>st</sup> Year		Meeting and Greeting, counting, days and months, items in my bag, likes and dislikes, hobbies, colours, pets and animals, family, where you live, eating and drinking, weather	Myself and family Learn to talk and write about themselves and other people, likes and dislikes and their hobbies	School School subjects, opinions and reasons, time and numbers, classroom language, school day, food and drink, describing schools in France	Technology Computers and mobiles, sports, activities, talking about what you like doing and what your friends do.	My Area Describing your town Giving directions Talking about where you go Inviting someone out

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>German</b> Year 7  Year 8 - 1st Year		Introductions Alphabet Numbers and counting Where you live Character Belongings	Pets and animals Super pets Family and descriptions Birthdays Developing speaking skills	Free time Sports you play Leisure activities Mobiles and computers Prediction strategies	School Subjects and opinions Days and times Describing your teachers School facilities School rules	In my town What is there in your town? Buying souvenirs Buying snacks and drinks Holiday plans
<b>Geography</b>		1. Welcome to Geography – Induction Phase	1. Welcome to Geography – Induction Phase	2. Exploring England	2. Exploring England	<b>3. Rivers (The River Wyre: my local river)</b> <b>International Schools Week</b>
<b>Computer Studies</b>		Introduction to the network and Moodle. Research, bias and judging information quality – Students research some basic computing concepts. Networking – students cover some basic theory on how networks work.	Binary Spreadsheet – students are introduced to the concept of Binary and create a spreadsheet to convert from binary to denary. Databases - Super heroes. Students are introduced to database concepts using a super hero theme.	Databases - Super heroes. Students are introduced to database concepts using a super hero theme. Think Like A Computer – Students explore the concept of how a computer thinks and works, looking at instructions and algorithms and how it represents real world concepts.	Think Like A Computer – Students explore the concept of how a computer thinks and works, looking at instructions and algorithms and how it represents real world concepts. Visual Programming with Crocodile Clips-Dance Video. Students design and create a dance video by programming characters using flowchart shapes.	Visual Programming with Crocodile Clips-Dance Video. Students design and create a dance video by programming characters using flowchart shapes. Programming with Python – Students are introduced to a text based programming language Python.
<b>Music</b>	N/A	<b>Voiceworks</b> Singing skills and how to use the voice in performance activities	<b>Brass</b> Learning how to play the cornet and read notation through study pieces	<b>Ukulele Skills</b> Exploring common harmonic progressions and ensemble playing via ukulele	<b>Night and Day</b> Elements of music Performance activities Graphic scores Notation skills	<b>Keyboard Skills and</b> Arranging and performing using existing chords, bassline and melodic material

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Drama</b>		Introduction to Drama: Getting to know the building blocks of Drama and studying some of the key techniques to be used over the next 3 years. Improvisation: Learning about spontaneous and prepared improvisation.	Script, 40 Short Plays: Working with script, interpreting characters, the conventions of script layout, performance.	Shakespeare, The Tempest: Working with extracts from the text, the storm scene, power relationships.	Physical Theatre: Half a term looking at the conventions and skills of Physical Theatre – chair duets, physicality of objects, slow motion, ensemble. During the second half term the creation of pieces for performance in small ensemble groups.	
<b>RE</b>	N/A	Welcome to RE at Saint Aidan's & Baseline assessment. Illuminating Pathways Unit 7.3 – How do contemporary images reflect faith communities? Assessment	Archbishop of York Young Leaders Award Module 1 Faith. Advent and the Nativity Story.	Has Christmas lost its religious meaning? Assessment. Archbishop of York Young Leaders Award Complete Module 1.	Archbishop of York Young Leaders Award Module 2 – Hope. Lent and Holy Week	Ascension and Pentecost. Assessment. Illuminating Pathways Unit 8.1 – How do society and the media portray Islam? Assessment
<b>History</b>		<u>Module 1: Key enquiry questions</u> a) What was Britain like before 1066? b) Why was 1066 an important year in British History? c) What impact did the Norman invasion have on England?	<u>Module 1: Key enquiry questions</u> a) What was Britain like before 1066? b) Why was 1066 an important year in British History? c) What impact did the Norman invasion have on England?	<u>Module 2: Key enquiry question</u> What was life like in Medieval England?	<u>Module 2: Key enquiry question</u> What was life like in Medieval England?	<u>Module 3: Key enquiry questions</u> a) How deadly was the 'Black Death'? b) Who ruled? Power to the People, or power to the Crown?

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Citizenship</b>	Transition Moving on, moving up booklets to complete about roles in the community	Archbishop of York Scheme Volunteering in the local community	Spirituality day including year group visit to Blackburn Cathedral		Diverse Community Project Day	
<b>PE</b>		Baseline Tests Netball Football Fitness Training	Badminton Basketball Netball Gymnastics	Badminton Basketball Rugby Gymnastics	Badminton Basketball Rugby Gymnastics	Athletics
<b>Technology</b>	Technology subjects are taught on a rotation and students will complete all the projects below at some point in the year					
<b>Food Technology</b>	<u>Kitchen skills</u> Students will learn a variety of basic kitchen skills. They will learn how to safely use a sharp knife, the areas of the cooker and how to produce a variety of healthy food products. Students learn how to follow a variety of different instructions. Students also learn about the transference of heat, safety in the kitchen and the basics of healthy eating.					
<b>Resistant Materials</b>	<u>Workshop Skills</u> Students will learn to select and use a variety of workshop tools and basic skills through making a MDF jigsaw and hardwood key-fob. By the end the rotation, students should understand the characteristics of some common woods & plastics, how vacuum-forming can be used to batch-produce class sets of parts, be able to use a belt-sander and be able to set up and use a pillar drill independently					
<b>Graphics</b>	Introduction to Adobe Photoshop. Understanding brand identity. Understanding layout/composition. Advertising materials for Jack Wills.					

## Overview of the school curriculum for **Year 8 2016-2017**

**Brief** details of topics taught in each term for subject area

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Maths</b>	Arithmetic and rounding Simplifying algebraic expressions Sequences Area and Perimeter	Fractions and decimals Solving equations Angles	Averages Ratio and proportion Transformations	Probability 3D shapes Formulae Substitution	Number Coordinates Graphs	Revision of number and algebra for KS3 exam Measures Construction Comparing data
<b>English</b>	Literacy Unit  <i>Tornadoes</i>  Class Reader Extracts	Poetry  <i>People: study a selection of poems</i>  <i>Seen comparison assessment.</i>	Spoken Language & Media <i>Product and charity advertising</i>	Shakespeare <i>Midsummer</i>  <i>Assessment: Narrative: 'Potion' Extract</i>	Writers' Viewpoints and Perspectives  <i>Environment</i>	Detective genre  <i>Sherlock and Bond</i>
<b>Science</b>	<b>Biology topics covered throughout the year:</b>  Getting the energy your body needs  Plants & ecosystems		<b>Chemistry topics covered throughout the year:</b>  Physical changes  Chemical changes		<b>Physics topics covered throughout the year:</b>  Contact & non- contact forces  Magnetism & electricity	
<b>Art</b>	Drawing skills	Cubism and music  Fine art painting skills	Cubism and music  Fine art painting skills	Mark making and experimenting with new techniques and materials.	Mixed media outcome based on Blackpool	Design a rollercoaster
<b>French</b> Year 8 Year 9 - 2 <sup>nd</sup> Year	Media and Hobbies Television Films Reading What you did yesterday Describing Paris Saying what you did in Paris Tourist attractions Interviewing	Media and Hobbies Television Films Reading What you did yesterday Describing Paris Saying what you did in Paris Tourist attractions Interviewing	My Identity Talking about personality Relationships Music Clothes Talking about your passions	My Identity Talking about personality Relationships Music Clothes Talking about your passions	Describing where you live Describing your home Talking about meals Food Talking about an event	Talent and ambition Encouraging and persuading Rehearsing for a contest

<b>Subject</b>	<b>June/July</b>	<b>September/October</b>	<b>November/December</b>	<b>January/February</b>	<b>February/March</b>	<b>April/May</b>
<b>German</b> Year 8  Year 9 - 2 <sup>nd</sup> Year	Module 1/2 Holidays Describing places then and now Talking about what you did on holiday Travel Weather Asking and answering questions Media	Module 1/2 Holidays Describing places then and now Talking about what you did on holiday Travel Weather Asking and answering questions Media	Module 3 Healthy lifestyles Talking about typical German breakfasts Traditional German food Understanding recipes Training Describing a dinner party	Module 3 Healthy lifestyles Talking about typical German breakfasts Traditional German food Understanding recipes Training Describing a dinner party	Module 4 Youth Hostels Understanding rules in a youth hostel Daily routine Giving and understanding directions Describing a festival	Module 5 Discussing clothes and style Making plans for a date Talking about getting ready to go out with friends Describing how your date went Researching fair trade labels
<b>Geography</b>	<b>1. Rainforest Ecosystems</b> – biodiversity of this ecosystem, threats to and protection of the rainforest	<b>1. Rainforest Ecosystems</b> <b>2. Cool Geography</b> – The Polar regions, Climate Change, Glaciation in the Lake District	<b>2. Cool Geog (contd...)</b>	<b>3. The USA</b> – A journey through this popular country looking at topics ranging from hurricanes and tornadoes to migration	<b>3. The USA</b>	<b>4. A Passion for Fashion</b> – A look TNC's and issues affecting the fashion industry  <i><b>International Schools Week</b></i>
<b>Computer Studies</b>	Visual Programming with Scratch – Students produce a version of Pac man using the Scratch interface	Visual Programming with Scratch – Students produce a version of Pac man using the Scratch interface Python - Students construct a version of the magic8 ball using the text based language Python.	Python - Students construct a version of the magic8 ball using the text based language Python. Binary Spreadsheet PART 2- Students design and create a spreadsheet to convert from denary to binary.	Binary Spreadsheet PART 2- Students design and create a spreadsheet to convert from denary to binary. Databases - Students design and create a database for a computer hardware shop.	Databases - Students design and create a database for a computer hardware shop.  Web Design – Students are introduced to using HTML and CSS.	Web Design – Students are introduced to using HTML and CSS.
<b>Music</b>	<b>Classroom Workshopping</b> Whole class composition and performance on a variety of instruments.	<b>Samba!</b> Percussion and ensemble skills Performing and composing using the Samba Drums	<b>Music and Space</b> Audacity Project The planets, Holst 'Missing Moon' composition project	<b>The Blues</b> Historical and social contexts Blues harmony and form Keyboard performance	<b>Reggae</b> Features of reggae music, it's social and historical context. Methods of improvisation and style of performance.	<b>Band Skills</b> Insight into how 'real life' musicians work. Group composition and performance in a pop band setting.

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Music</b>	<b>Classroom Workshopping</b> Whole class composition and performance on a variety of instruments.	<b>Samba!</b> Percussion and ensemble skills Performing and composing using the Samba Drums	<b>Music and Space</b> Audacity Project The planets, Holst 'Missing Moon' composition project	<b>The Blues</b> Historical and social contexts Blues harmony and form Keyboard performance	<b>Reggae</b> Features of reggae music, it's social and historical context. Methods of improvisation and style of performance.	<b>Band Skills</b> Insight into how 'real life' musicians work. Group composition and performance in a pop band setting.
<b>Drama</b>	Stanislavski, An introduction to Naturalism: Looking at some of the basics of the work of Sanislavski and how to create naturalistic characters and scenarios.	Reportage: Using a topic of the day to create in depth character and ensemble work.	Commedia: Looking at the skills involved in creating fast paced slapstick comedy.	Joyriding: A half term of work based around the short play 'Joyriding' and looking at the consequences of one wrong decision. Large group script work.	Shakespeare, Macbeth: An exploration of Shakespeare's tragedy of greed, ambition and blood lust.	
<b>RE</b>	Believing in God Why do people believe in God and what are the consequences for society?	The Bible How was the Bible constructed? Assessment	Illuminating Pathways Unit 8.3 Do sacred texts enable individuals and groups to support faith and respond in times of crisis?	Illuminating Pathways Unit 8.3 Do sacred texts enable individuals and groups to support faith and respond in times of crisis? Assessment	Illuminating Pathways Unit 8.5 Should we commemorate the Holocaust?	Illuminating Pathways Unit 8.5 Should we commemorate the Holocaust? Assessment
<b>History</b>	<u>Module 1: key enquiry questions</u> a) What were the 'Wars of the Cross'? b) How much impact did religious changes have on Tudor England?	<u>Module 2: Key enquiry question</u> What was life like In Elizabethan England?	<u>Module 3: Key enquiry question</u> Who was to blame for the English Civil War?	<u>Module 4: Key enquiry questions</u> a) Oliver Cromwell: Hero or villain? b) Was Britain 'great' for all? What was the impact of the slave trade and the British Empire?	<u>Module 5: Key enquiry question</u> What was the Industrial Revolution?	<u>Module 5: Key enquiry questions</u> a) What was the impact of the Industrial Revolution on the lives of the poor? b) Did everyone accept change? Reaction and protest in the 19 <sup>th</sup> century

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Citizenship</b>	Feed the world day – <i>Personal Development Day</i>		Teambuilding and working together Leadership skills <i>Personal Development Day</i>	London Visit – British Values <i>Personal Development Day</i>		
<b>PE</b>	Rounders Cricket Tennis	Badminton Basketball Netball Football	Badminton Basketball Netball Gymnastics	Fitness Training Dance Gymnastics Rugby	Fitness Training Dance Gymnastics Rugby	Athletics
<b>Technology</b>	Technology subjects are taught on a rotation and students will complete all the projects below at some point in the year					
<b>Food Technology</b>	<u>Healthy Eating</u> Students continue to develop their practical skills by making more complex dishes than in Yr 7. They learn in detail about healthy eating, the eat well guide and macro and micro nutrients. Students design for a client learning how to write a specification and design a product that meets the requirements of the design brief and specification. Students also learn about HACCP, food safety whilst embedding their knowledge of healthy eating and designing for a client into their design work for their final product					
<b>Resistant Materials</b>	<u>Wooden Trinket Box</u> Students build upon their knowledge and skills by using tools, equipment and processes by following a step by step design process to produce a wooden storage box for a client. They learn about the properties and working characteristics of hardwoods, softwoods and manufactured boards and how laser engraving can be used as an effective way of adding decoration.					
<b>Graphics</b>	Introduction to 2D Design and designing nets. Introduction to Adobe Illustrator – creating logos Introduction to Google Sketchup – modelling three dimensional shapes Design and make a children’s foldable object.					



## Overview of the school curriculum for **Year 9 2016-2017**

- **Brief** details of topics taught in each term for subject area

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Maths</b>	Arithmetic and rounding Simplifying algebraic expressions Sequences Area and Perimeter	Fractions and decimals Solving equations Inequalities Properties of angles	Averages Ratio and proportion Transformations	Probability 3D shapes Formulae Substitution	Number Coordinates Graphs	Revision of number and algebra for KS3 exam Construction Loci Comparing data
<b>English</b>	Creative Writing  <i>Narrative &amp; descriptive</i>	Poetry  <i>Conflict</i> <i>Study a selection of poems.</i> <i>Comparison assessment.</i>	Genre study  <i>Gothic</i>	Shakespeare <i>Teacher's choice</i>  <i>Assessment: extract &amp; full essay</i>	Writers' Viewpoints and Perspectives  <i>Passport</i>	Modern Text Study  <i>Teacher's choice</i>
<b>Science</b>	<b>Biology topics covered throughout the year:</b> Variation for survival Our health & the effects of drugs		<b>Chemistry topics covered throughout the year:</b> Obtaining useful materials Using our Earth sustainably		<b>Physics topics covered throughout the year:</b> Motion on Earth & in space Waves & energy transfer	
<b>Art</b>	Traditional drawing skills – still life	Traditional drawing skills – still life	Urban and Graffiti Art – Stencil art. Outcomes linked to the Sand Sea and Spray event.	Urban and Graffiti Art – Stencil art. Outcomes linked to the Sand Sea and Spray event.	An independent project	An independent project
<b>French</b>	Social Media Facebook Friendships Going out Parts of the body, Sport Healthy lifestyle	Social Media Facebook Friendships Going out Parts of the body, Sport Healthy lifestyle	Jobs Work Learning languages Discussing details about different jobs Ambitions	Jobs Work Learning languages Discussing details about different jobs Ambitions	Holidays Adventure holidays What you do on holiday Holiday disasters Tourist attractions	Rights and responsibilities Buying things What makes you happy, What's important to you Human rights
<b>German</b> Year 9 - 3 <sup>rd</sup> Year	Role models Talking about experiences in life Parts of the body Inspirational people Music Bands	Role models Talking about experiences in life Parts of the body Inspirational people Music Bands	Ambitions Crazy ambitions Reasons for doing a job Future plans for jobs Working in a ski resort Understanding voicemail messages Transcribing	Ambitions Crazy ambitions Reasons for doing a job Future plans for jobs Working in a ski resort Understanding voicemail messages Transcribing	Childhood Talking about childhood activities Comparing primary and secondary school Grimm's fairy tales Writing a story Dictionary skills	Childhood Talking about childhood activities Comparing primary and secondary school Grimm's fairy tales Writing a story Dictionary skills

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Geography</b>	2. <b>A Flooding Disaster</b> – students revisit rivers and investigate flooding in both rich and poor countries	2. <b>Our restless Earth</b> – a look at volcanoes, earthquakes, super volcanoes and tsunamis	2. <b>Our Restless Earth (contd...)</b>	3. <b>Into Africa</b> – A journey through the diverse continent that is Africa visiting different countries and examining issues along the way	3. <b>Into Africa (contd...)</b>	4. <b>An Asian Adventure</b> – A journey north through India to the Himalayas and then on into China to examine a variety of issues and topics <i>International Schools Week</i>
<b>Computer Studies</b>	Programming with Python – Students use Python a text based programming language to create an encryption programme.	Programming with Python – Students use Python a text based programming language to create an encryption programme. Communicating with ICT - Pop Idol. Students create and develop a logo and promotional materials for a pop band or artist	Communicating with ICT - Pop Idol. Students create and develop a logo and promotional materials for a pop band or artist Databases - Students construct a database using advanced skills to support a new video on demand service.	Databases - Students construct a database using advanced skills to support a new video on demand service.	Spreadsheets – Computer Shop Model. Students produce a model using advanced spreadsheet skills and functions.	Spreadsheets – Computer Shop Model. Students produce a model using advanced spreadsheet skills and functions. Inside the Brain – students study the CPU and look at how it works at a basic level using Low Level Programming.
<b>Music</b>	<b>Garageband</b> Learning how to compose using mobile technology. Manipulation of MIDI data.	<b>Minimalism</b> Key features and history of minimalism. Steve Reich ‘Clapping Music’ and ‘Oxygene’ and ‘Tubular Bells’	<b>Film Music</b> Learning how composers manipulate the elements of music to support a film and TV narrative	<b>Recycled Rhythms</b> how “junk” and “recyclable” objects can be used as percussion instruments and explores the different timbres available from these non-conventional sound sources	<b>Band Skills 2</b> Further exploration into how ‘real life’ musicians work. Group composition and performance in a pop band setting.	<b>Sci-Fi</b> Keyboard skills and reading notation Using compositional devices to explore the creative possibilities of Sequel Composing own theme tune

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Drama</b>	Brecht: An introduction to the work of Brecht and his political theatre. The innovations he brought to the modern stage.	Introduction to Devising: Looking at the skills and building blocks of devised work e.g. cross cutting, flexible use of time, direct address.	Devising: Ensemble work using the skills from half term 2 to create their own piece of devised work.	Playwriting: Small group play writing – developing a piece form one scene.	Script, Blood Brothers: Work on the perennially popular play by Willy Russell exploring the relationship between twins separated at birth. Or Script, Teechers: Work on the multi role Teechers by John Godber.	
<b>RE</b>	Illuminating Pathways Unit 9.1 Is faith hidden?	Illuminating Pathways Unit 9.1 Is faith hidden? Assessment. Illuminating Pathways Unit 9.2 Where is God?	Illuminating Pathways Unit 9.2 Where is God? Assessment.	Islam Religions to InspiRE Expressions of Faith, Beliefs, Teachings, Ethics and Values	Illuminating Pathways Unit 9.6 Can conflict ever be justified?	Illuminating Pathways Unit 9.6 Can conflict ever be justified? Assessment
<b>History</b>	<u>Module 1: Key enquiry question</u> Why did Europe go to war in 1914?	<u>Module 2: Key enquiry questions</u> a) What was the impact of the First World War? b) Was the Treaty of Versailles a 'just' peace?	<u>Module 2: Key enquiry questions</u> a) What was the impact of the First World War? b) Was the Treaty of Versailles a 'just' peace?	<u>Module 3: key enquiry questions</u> a) Why did dictators come to power in the inter-war years? b) What was life like in Nazi Germany?	<u>Module 3: key enquiry questions</u> a) Why did dictators come to power in the inter-war years? b) What was life like in Nazi Germany?	<u>Module 4: Key enquiry questions</u> a) Why did Europe go to war in 1939? b) The Holocaust
<b>Citizenship</b>	Financial Capabilities <i>Personal Development Day</i> How to make informed choices about drugs, alcohol and tobacco Diversity	Health and Wellbeing Make informed choices about balanced diet, physical activity, emotional health Mental health issues	Careers choices <i>Personal Development Day</i> How to make informed choices, develop employability Learn about different job opportunities and careers	Self-awareness <i>Personal Development Day</i> The criminal Justice System Nature of rules and laws and the justice system, role of the police, operation of courts and tribunals	Explore different way in which a citizen can contribute to the improvement of his or her community and learn about community volunteering	Sexual infections, contraception and protections Media and portrayal of relationships Different relationships (civil partnerships...) Consent and readiness for sex Philanthropy Project

<b>Subject</b>	<b>June/July</b>	<b>September/October</b>	<b>November/December</b>	<b>January/February</b>	<b>February/March</b>	<b>April/May</b>
<b>PE</b>	Rounders Cricket Tennis	Basketball Badminton Netball Football	Basketball Badminton Netball Gymnastics Table Tennis	Fitness Training Dance Gymnastics Rugby	Fitness Training Dance Gymnastics Rugby	Athletics
<b>Technology</b>	Technology subjects are taught on a rotation and students will complete all the projects below at some point in the year					
<b>Food Technology</b>	The course aims to extend students' knowledge and understanding of food, diet and health, further developing their practical skills in food preparation and different cooking techniques enabling them to make informed decisions about their own diet and food choices.					
<b>Resistant Materials</b>	<u>CAD/CAM</u> Students learn to use many of the features in ProDesktop 3D modelling software and how to export/import different file formats between CAD packages such as Techsoft 2D design, in order to design and make a product which is then manufactured on the 3D printer and/or laser cutter.					
<b>Graphics</b>	Design and create packaging for a new brand of fragrance using Google Sketchup, 2D Design, Adobe Illustrator and Photoshop					

## Overview of the school curriculum for Year 10 2016-2017

- **Brief** details of topics taught in each term for subject area

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Maths</b>	<b>Foundation:</b> Basic Number work, Basic Algebra, Factors & Multiples, Linear Graphs, Basic Angles & Shape	<b>Foundation:</b> Basic Fractions, Basic Sequences, Measures & Scale Diagrams, Basic Equations, Basic Decimals, Percentages, Rounding, Basic Probability	<b>Foundation:</b> Basic Perimeter & Area, Ratio, Proportion and Compound Measures, Revision, <b>EXAM x 1</b> , Circles & Composite Shapes, Algebra recap & extension	<b>Foundation:</b> Collecting & Representing Data, Calculating with Percentages, Statistical Measures, Algebraic Graphs recap & extension, Indices	<b>Foundation:</b> Revision, <b>EXAMS x 2</b> , Standard Form, Relative Frequency	<b>Foundation:</b> Simultaneous Equations, Pythagoras Theorem, Sequences recap & extension, Scatter & other Graphs
	<b>Higher:</b> Basic Number work, Basic Algebra, Linear Graphs, Basic Angles & Shape	<b>Higher:</b> Basic Fractions, Basic Sequences, Scale Diagrams & Bearings, Basic Equations, Terminating & Recurring Decimals, Percentages, Basic Perimeter & Area, Simultaneous Equations	<b>Higher:</b> Indices & Standard Form, Ratio, Proportion and Compound Measures, Revision, <b>EXAM x 1</b> , Inequalities, Upper & Lower Bounds	<b>Higher:</b> Collecting & Representing Data, Calculating with Percentages, Averages, Scatter Graphs, Cumulative Frequency, Box Plots, Quadratics, Rearranging Formulae, Histograms	<b>Higher:</b> Transformations, Revision, <b>EXAMS x 2</b> , Real Life Graphs, Constructions & Loci	<b>Higher:</b> Coordinates, 2D & 3D work, Arc Length, Area of Sector & Segment, Probability
<b>English</b>	Modern text (Drama) English Literature Paper 2 Section A  Narrative writing practice English Language Paper 1 Section B	Descriptive writing English Language Paper 1 Section B  Non-fiction/Literary non- fiction text/Literature fiction text English Language Paper 2 Section A	Presenting a viewpoint English Language paper 2 Section B  Anthology poetry (i) English Literature Paper 2 Section B	Modern text (Prose) English Literature Paper 2 Section A  Unseen poetry English Literature Paper 2 Section C	Modern text (Prose) English Literature Paper 2 Section A Non-fiction/Literary non- fiction text/Literature fiction text English Language Paper 2 Section A  Descriptive/Narrative writing <i>revision</i> English Language Paper 1 Section B  Mock exam – English Language Paper 1	The 19 <sup>th</sup> century novel English Literature Paper 1 Section A  Anthology poetry (ii) English Literature Paper 2 Section B

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Science</b>	<b>Biology topics covered throughout the year:</b> Cell biology Organisation Infection and response Bioenergetics		<b>Chemistry topics covered throughout the year:</b> Atomic structure and the periodic table Bonding, structure, and the properties of matter Quantitative chemistry Chemical changes Energy changes		<b>Physics topics covered throughout the year:</b> Energy Electricity Particle model of matter Atomic structure	
<b>Art</b>	Self image				Natural From Layers and messages	
<b>French</b>	Module 1 Me, my family and friends Describing people Revising places in town Family relationships Free-time activities Describing a night out Role models	Module 2 Free-time activities Technology in everyday life Talking about sport Books and reading Television programmes Actors and films	Module 2 Free-time activities Technology in everyday life Talking about sport Books and reading Television programmes Actors and films	Module 3 Describing daily life Food for special occasions Using polite language Customs and festivals in French-speaking countries Traditions	Module 4 Home, town, neighbourhood and region Talking about your town Discussing plans and weather Describing community projects	Module 4 Home, town, neighbourhood and region Talking about your town Discussing plans and weather Describing community projects
<b>German</b>	Module 1 Current and Future Study and employment Describing a school day School subjects Life in German schools School rules	Module 2 Discussing leisure activities Reading habits Music Television and Film Sports	Module 2 Discussing leisure activities Reading habits Music Television and Film Sports	Module 3 Me, my family and friends What makes a good friend Views on marriage Weekend activities	Module 4 Home town, neighbourhood and region Food and drink Your home German meals Healthy lifestyle	Module 4 Home town, neighbourhood and region Food and drink Your home German meals Healthy lifestyle
<b>Geography</b>	<b>GCSE AQA (New spec)</b> Intro to UK Physical Env. Coastal Landscapes	<b>GCSE AQA (New spec)</b> Glacial Landscapes  Intro to Hazards	<b>GCSE AQA (New spec)</b> Tectonics  Weather	<b>GCSE AQA (New spec)</b> Climate Change  Intro to Ecosystems	<b>GCSE AQA (New spec)</b> Tropical Rainforests  Cold Environments	<b>GCSE AQA (New spec)</b> Cold Environments

Subject	June/July	September/October	November/December	January/February	February/March	April/May
ICT	<p><b>ICT Unit 1: It's better to be safe than sorry!</b> - E-safety introduction Students explore and learn about online safety and behaviour and produce a mini project.</p>	<p><b>ICT Controlled Assessment -</b> Students complete an exam board set series of tasks. This is done in class but will include a large number of homework tasks to prepare for the class work.</p>	<p><b>ICT Controlled Assessment -</b> Students complete an exam board set series of tasks. This is done in class but will include a large number of homework tasks to prepare for the class work.</p>	<p><b>ICT Controlled Assessment -</b> Students complete an exam board set series of tasks. This is done in class but will include a large number of homework tasks to prepare for the class work.</p>	<p><b>ICT Controlled Assessment -</b> Students complete an exam board set series of tasks. This is done in class but will include a large number of homework tasks to prepare for the class work.</p>	<p><b>ICT Controlled Assessment -</b> Students complete an exam board set series of tasks. This is done in class but will include a large number of homework tasks to prepare for the class work.</p>
Computer Science	<p><b>Computer Science Computational Thinking</b> – Students develop skills in thinking like a computer scientist in order to solve problems and understand the basics of computational thinking such as algorithm design. <b>Theory - Computer Fundamentals</b> – The basics of what a computer system is and an overview of computer standards.</p>	<p><b>Computer Science Computational Thinking</b> – Students develop skills in thinking like a computer scientist in order to solve problems and understand the basics of computational thinking such as algorithm design. <b>Theory – Data Representation</b> – An exploration of how computers represent all data, including binary, logic, hexadecimal, sound, images and text.</p>	<p><b>Computer Science Programming Fundamentals</b> – Students recap on the basics and develop advanced techniques in Python writing solutions based on algorithms. <b>Theory – Data Structures and Databases</b> – Exploring the use of database management systems to handle data. <b>Theory – Hardware: The CPU</b> – Looking at how the CPU works in detail and the difference between high and low level languages.</p>	<p><b>Computer Science Programming Fundamentals</b> – Students recap on the basics and develop advanced techniques in Python writing solutions based on algorithms. <b>Theory – Hardware: Other hardware.</b> – Looking at different storage methods, input/output devices and binary logic in practice. <b>Theory – Networks</b> – Developing a deeper understanding of networks structures and types.</p>	<p><b>Computer Science Programming Fundamentals</b> – Students recap on the basics and develop advanced techniques in Python writing solutions based on algorithms <b>Theory – Networks</b> – Developing a deeper understanding of networks structures and types. <b>Theory – Systems security</b> – Students study the threats to computer systems and methods of preventing them.</p>	<p><b>Computer Science Programming Fundamentals</b> – Students recap on the basics and advanced techniques in Python writing solutions based on algorithms <b>Theory – Software</b> – Looking at applications and operating systems to understand the different types and their functions. <b>Theory – Legal, Ethical, Environmental and Social Issues</b> – Students study these issues as they apply to the uses of technology in everyday life.</p>

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Music</b>	Developing instrumental skills through guided performance pieces. Performances and demonstrations of technical aspects of the instrument to the group and others as appropriate. Learning of main areas: Shared Music, Dance Music and Descriptive Music.					
	Composing development Introduction to compositional software and exercises in using the functions			Composing development Introduction to compositional software and exercises in using the functions		
<b>Drama</b>	Introduction to the course: Establishing a working ethos, requirements of the course, group work.	Genre, Physical Theatre: In depth look at this genre as an option for Unit 1	Genre: Theatre in Education: In depth look at this genre as an option for Unit 1	Devised Mock: Use of stimulus and genre to create a mock devised piece.	Set text: Work on the set text in preparation for the Written Exam.	Script Work: Prep for Unit 2
<b>RE</b>	<p style="text-align: center;">AQA Religious Studies A GCSE Component 1</p> <p style="text-align: center;">The Study of religions; Beliefs, teachings and practices from the perspectives of Christianity and Islam.</p>					
<b>History</b> New syllabus Edexcel 9-1 (for teaching from June 2016) Based on classes having 3 hours in Y10 and 2 hours in Y11	UNIT 1: Medicine in Britain c1250-present day and the British Sector of the Western Front: injuries, treatment and the trenches	UNIT 1: Medicine in Britain c1250-present day and the British Sector of the Western Front: injuries, treatment and the trenches	UNIT 1: Medicine in Britain c1250-present day and the British Sector of the Western Front: injuries, treatment and the trenches	UNIT 2: Anglo-Saxon and Norman England	UNIT 2: Anglo-Saxon and Norman England	UNIT 2: Anglo-Saxon and Norman England
<b>Citizenship</b>	Alcohol and drugs awareness First Aid <i>Personal Development Day</i>	E – safety Healthy eating and food choices Health and fitness Fitness training	Healthy relationships <i>Personal Development Day</i>	Work preparation <i>Personal Development day</i>	Careers Revision Skills	Work Experience Roles and Responsibilities
<b>PE</b>	Rounders Cricket	Basketball Netball	Table Tennis Football	Basketball Rugby	Life Fitness Table Tennis	Athletics



Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Food Technology</b>	The course aims to extend students' knowledge and understanding of food, diet and health, further developing their practical skills in food preparation and different cooking techniques enabling them to make informed decisions about their own diet and food choices.	<i>More details to follow. This course is not due to be taught until September so everything is not yet available.</i>				
<b>Resistant Materials</b>	Students work on a 'mock' controlled assessment Design & Make project to familiarise them with the PowerPoint folder layout and various network locations for resources. They will also practise various sketching techniques and have focussed practical lessons. Once the 'mock' project is complete and marked, the actual GCSE controlled assessment is set and students begin work on their folders. For the final half term students' folder-work should have progressed sufficiently for them to begin planning and making their GCSE practical work					
<b>Graphics</b>	Introduction to course – key skills developed including isometric and orthographic drawing, as well as improving skills using computer software.	Graphics	Introduction to course – key skills developed including isometric and orthographic drawing, as well as improving skills using computer software.	Graphics	Introduction to course – key skills developed including isometric and orthographic drawing, as well as improving skills using computer software.	Graphics

## Overview of the school curriculum for Year 11 2016-2017

- **Brief** details of topics taught in each term for subject area

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Maths</b>	<b>Foundation:</b> Constructions Bearings & Loci, Probability Tree Diagrams, Coordinates, 2D & 3D work, Real Life Graphs, Measures & Limits of Accuracy	<b>Foundation:</b> Inequalities, Transformations, Direct & Inverse Proportion, Angles & Polygons, Quadratics, Formulae & Identities, Volume, Surface Area & Dimensional Analysis	<b>Foundation:</b> Growth & Decay, Revision, <b>EXAM x 2</b> , Congruence & Similarity, Quadratics, Fractions & Formulae	<b>Foundation:</b> Trigonometry, Identities, T & I, Vectors & Geometric Proof, Quadratic & other Algebraic Graphs	<b>Foundation:</b> Number specific recap, Algebra specific recap, Ratio specific recap, Geometry specific recap, Statistics specific recap, Probability specific recap	<b>Foundation:</b> Revision, <b>EXAMS x 3</b>
	<b>Higher:</b> Pythagoras Theorem, Basic Trigonometry, Direct & Inverse Proportion, Surds & Indices, Algebraic Fractions	<b>Higher:</b> Volume & Surface Area, Quadratics, Formulae, Identities, Trigonometry, Quadratic & other Curved Graphs, Product Rule, Transforming Functions,	<b>Higher:</b> Growth & Decay, Congruence & Similarity, Revision, <b>EXAM x 2</b> , Sketching Graphs & Completing the Square, Vectors	<b>Higher:</b> Gradients & Rates of Change, Circle Theorems & Geometrical Proof, Graphing Quadratic Inequalities, Sequences & Iteration, Pre-Calculus & Area under Curve	<b>Higher:</b> Number specific recap, Algebra specific recap, Ratio specific recap, Geometry specific recap, Statistics specific recap, Probability specific recap	<b>Higher:</b> Revision, <b>EXAMS x 3</b>
<b>English</b>	Modern text (Drama) English Literature Paper 2 Section A <i>Revision</i>  Unseen poetry English Literature Paper 2 Section C	Shakespeare play English Literature Paper 1 Section A  Anthology poetry (iii) English Literature Paper 2 Section B  Unseen poetry English Literature Paper 2 Section C	Modern text (Prose or Drama) <i>Revision</i> English Literature Paper 2 Section A  Narrative writing practice English Language Paper 1 Section B  Descriptive writing practice English Language Paper 1 Section B  Mock exam – English Language Paper 2 Mock exam – English Literature Paper 1	The 19 <sup>th</sup> century novel English Literature Paper 1 Section A <i>Revision</i>  Anthology poetry English Literature Paper 2 Section B <i>Revision</i>  Presenting a viewpoint English Language paper 2 Section B	Unseen poetry English Literature Paper 2 Section C  Shakespeare play English Literature Paper 1 Section A <i>Revision</i>  Non-fiction/Literary non-fiction text English Language paper 2 Section A  Mock exam – English Literature Paper 2	Revision appropriate to the class/students

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Science</b>	<b>Biology topics covered throughout the year:</b> Homeostasis and response Inheritance, variation and evolution Ecology		<b>Chemistry topics covered throughout the year:</b> The rate and extent of chemical change Organic chemistry Chemical analysis Chemistry of the atmosphere Using resources		<b>Physics topics covered throughout the year:</b> Forces Waves Magnetism and electromagnetism Space physics (Triple Science only)	
<b>Art</b>	Surrealism				GCSE Exam	
<b>French</b>	Module 5 Travel and tourism Holidays past and future Ideal holiday Booking and reviewing hotels Ordering in a restaurant Buying souvenirs Disaster holidays	Module 6 Life as school and college Comparing French and UK schools School rules Staying fit and healthy Unhealthy living School exchange	Module 6 Life as school and college Comparing French and UK schools School rules Staying fit and healthy Unhealthy living School exchange	Module 7 Jobs, career choices and ambitions Plans and hopes Applying for jobs Understanding case studies	Module 8 Social issues Problems facing the world Protecting the environment Ethical shopping Volunteering Big events	Preparation for reading, listening, writing and speaking exams
<b>German</b>	Module 5 Travel and tourism Travelling and trains Describing accommodation Asking for and giving directions in Vienna Ordering at a restaurant Shopping for souvenirs Describing holiday problems	Module 6 Travel and Tourism Popular holiday destinations Talking about the weather Discussing experiences Holiday plans Places we live Pros and cons of our neighbourhood	Module 6 Travel and Tourism Popular holiday destinations Talking about the weather Discussing experiences Holiday plans Places we live Pros and cons of our neighbourhood	Module 7 Jobs, career choices and ambitions Understanding job descriptions Preparing an application Dream job Reasons for learning languages	Module 8 Social and global issues Describing international events Sporting events Social issues Environment International and local campaigns	Preparation for reading, listening, writing and speaking exams

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>Geography</b>	<b>GCSE AQA A Spec</b> Unit 4 – Tourism  Controlled Assessment Data Collection	<b>GCSE AQA A Spec</b> Controlled Assessment Write up	<b>GCSE AQA A Spec</b> Unit 5 – Restless Earth  Yr11 Trial Exam	<b>GCSE AQA A Spec</b> Unit 5 – Restless Earth	<b>GCSE AQA A Spec</b> Unit 6 – Urban Environments	<b>GCSE AQA A Spec</b> Revision
<b>ICT</b>	<b>ICT Controlled Assessment -</b> Students complete an exam board set series of tasks. This is done in class but will include a large number of homework tasks to prepare for the class work.	<b>ICT Controlled Assessment -</b> Students complete an exam board set series of tasks. This is done in class but will include a large number of homework tasks to prepare for the class work.	<b>ICT -</b> The following theory topics are taught in order throughout year 11 Introduction to Computer Hardware - 5 lessons Unit 1: Inspecting gadgets - 8 lessons Unit 1: Online life Part 1: Communication - 7 lessons Unit 1: Online life Part 2: Shopping - 6 lessons Unit 1: Smart Working - 6 lessons Unit 1: IT the final.....impact – ICT and the law – 4 lessons Revision Sessions			
<b>Computer Science</b>	<b>Computer Science Programming Fundamentals –</b> Students recap on the basics and advanced techniques in Python writing solutions based on algorithms	<b>Computer Science Programming Fundamentals –</b> Students recap on the basics and advanced techniques in Python writing solutions based on algorithms	<b>Computer Science Non-examined Assessment -</b> Students complete the task for the board set programming project.	<b>Computer Science Non-examined Assessment -</b> Students complete the task for the board set programming project.	<b>Computer Science Non-examined Assessment -</b> Students complete the task for the board set programming project	<b>Revision Sessions</b>
<b>Music</b>	Solo performance, composition controlled assessment.		Ensemble performance. Composition two.		Revision of all topics for listening exam. Mock papers.	
<b>Drama</b>	Unit 1, Devised: Extended work creating the final devised piece for assessment. 40% of final mark. Additionally during Years 10 & 11 students will visit the theatre on several occasions in readiness for writing the section B exam question – review of live theatre.			Unit 2, Script: Extended work creating the final scripted performances ready for external assessment. 20% of the final mark.		Written Exam prep: Prep for the written exam. 40% of the final mark

Subject	June/July	September/October	November/December	January/February	February/March	April/May
<b>RE</b>	Full Course AQA Religious Studies B Religion and Morality Religious attitudes to matters of life	Religious attitudes to matters of death	Religious attitudes to poverty in the UK	Religious attitudes to world poverty	Revision	Revision
<b>History</b> <i>Current Syllabus Edexcel Syllabus B (last exam June 2017)</i>	UNIT 2 The Transformation of Surgery 1845-1918	UNIT 2: The Transformation of Surgery 1845-1918	UNIT 3: Controlled Assessment: The Impact of WW1 and WW2 on Britain	UNIT 3: Controlled Assessment: The Impact of WW1 and WW2 on Britain UNIT 4: Germany 1918-1945	UNIT 4: Germany 1918-1945	UNIT 4: Germany 1918-1945
<b>Citizenship</b>	Financial capabilities - Learn about income and expenditure, credit and debt, insurance, savings and pensions, financial products and services	Managing Stress E -safety	Visit to Lancaster University Preparing for post 16 education	Religion and morality Drugs and Alcohol	Revision and study skills Preparation for work or post 16 education Developing flexibility and resilience	Revision and study skills Preparation for work or post 16 education Emotional and Physical health Dealing with stress
<b>PE</b>	Rounders Cricket	Netball Basketball	Table Tennis Football	Basketball Rugby	Life Fitness Table Tennis	Athletics
<b>Food Technology</b>	Students start with an introduction to their Hospitality Event. They then carry out an investigation of the task.	Students begin planning their event and follow this will trialling suitable dishes.	Final preparation for the event and carrying out the event. Once the event is completed students evaluate the event.	CA	CA	Revision and exam preparation.
<b>Resistant Materials</b>	Students begin planning and making their GCSE practical project	Practical work and development work	Practical work and development work	Complete practical work and folder-work. Focussed practical tasks to prepare and enhance knowledge and understanding for exam	Exam preparation & Revision	Exam preparation & Revision
<b>Graphics</b>	Controlled assessment – prototyping	Controlled assessment - prototyping	Controlled assessment – making final product	Controlled assessment - evaluation	Exam preparation	Exam preparation